

**UNIVERSITY OF NEBRASKA BOARD OF REGENTS
MEETING ITINERARY**

FRIDAY, JANUARY 25, 2013

- 8:00 a.m. Topic: State Auditor Presentation [*10 minutes*]
Presenter: Mike Foley, State Auditor
- Topic: Legislative Update [*20 minutes*]
Presenters: President Milliken
 Ron Withem, Associate Vice President for University Affairs
 and Director of Governmental Relations
- 8:30 a.m. BUSINESS AFFAIRS COMMITTEE
Topic: Affordability Compact [*15 minutes*]
Presenters: President Milliken
 Chris Kabourek, Assistant Vice President and Director of Budget
- Topic: Campus Housing Update [*30 minutes*]
Presenter: Susan Gildersleeve, Director, Housing Administration, UNL
- Topic: Health Insurance Update [*30 minutes*]
Presenter: David Lechner, Senior Vice President for Business and Finance
- 9:45 a.m. BREAK
- 10:00 a.m. ACADEMIC AFFAIRS COMMITTEE [*60 minutes*]
Strategic Framework Report
Topic: Graduation Rates [1-b-iii]
Presenters: Susan Fritz, Interim Executive Vice President and Provost
 Pete Lipins, Senior Research Analyst
 Charles Bicak, Senior Vice Chancellor for Academic and Student
 Affairs, University of Nebraska at Kearney
 Dan Shipp, Associate Vice Chancellor for Student Affairs, University
 of Nebraska at Omaha
 Amy Goodburn, Associate Vice Chancellor, University of
 Nebraska-Lincoln
- 11:30 a.m. BOARD OF REGENTS MEETING

AGENDA
THE BOARD OF REGENTS
OF THE UNIVERSITY OF NEBRASKA
Varner Hall
3835 Holdrege Street
Lincoln, Nebraska 68583-0745
Friday, January 25, 2013
11:30 a.m.

- I. CALL TO ORDER
- II. ROLL CALL
- III. APPROVAL OF MINUTES AND RATIFICATION OF ACTIONS TAKEN ON NOVEMBER 29, 2012
- IV. ELECTION OF OFFICERS: Chairperson
Vice Chairperson

- V. KUDOS
Stacey Therrien, University of Nebraska Medical Center
Jim Jackson, University of Nebraska-Lincoln
Glen Schumann, University of Nebraska-Lincoln
Roy Stutz, University of Nebraska at Kearney
Lorraine Street, University of Nebraska at Omaha

- VI. RESOLUTIONS
Recognition for Regent Jim McClurg

- VII. HEARINGS

- VIII. PUBLIC COMMENT

The Standing Rules of the Board provide that any person who gives 24 hours' notice to the Corporation Secretary of the Board may speak to any item that is not on the agenda. In addition, any person may appear and address the Board of Regents on any item on the agenda for this meeting. Each person will be given up to five minutes to make his or her remarks. Public comment will be limited to a period of 30 minutes.

- IX. UNIVERSITY CONSENT AGENDA

- A. ACADEMIC AFFAIRS

- 1. Approval is requested to discontinue the Master of Arts in Education (MAE) programs in French and German at the University of Nebraska at Kearney Addendum IX-A-1
- 2. Approval is requested to consolidate the master's programs in Engineering Mechanics and Mechanical Engineering in the College of Engineering at the University of Nebraska-Lincoln into a single MS in Mechanical Engineering and Applied Mechanics (MEAM) Addendum IX-A-2
- 3. Approval is requested to consolidate the Master of Arts degree with the Master of Science degree in Speech-Language Pathology in the Department of Special Education and Communication Disorders at the University of Nebraska at Omaha Addendum IX-A-3
- 4. Approval is requested to consolidate the Master of Arts degree with the Master of Science degree in both Elementary Education and Secondary Education majors in the Teacher Education Department at the University of Nebraska at Omaha Addendum IX-A-4

X. UNIVERSITY ADMINISTRATIVE AGENDA

A. ACADEMIC AFFAIRS

1. Approval is requested to establish the Center for Brain, Biology and Behavior (CB³) as an interdisciplinary research center at the University of Nebraska-Lincoln Addendum X-A-1
2. Approval is requested to create the Post-Baccalaureate Professional Certificates in the College of Medicine and School of Allied Health Professions at the University of Nebraska Medical Center in six specialty areas: 1) Cardiovascular Interventional Technology; 2) Computed Tomography; 3) Magnetic Resonance Imaging; 4) Diagnostic Medical Sonography; 5) Nuclear Medicine Technology; and 6) Radiation Therapy Addendum X-A-2
3. Approval is requested to create a joint Master of Science/Doctor of Philosophy in Biomedical Informatics at the University of Nebraska at Omaha and the University of Nebraska Medical Center Addendum X-A-3
4. Approve the award of Honorary Degrees and Awards [Please note: this item will be voted on after the Closed Session] Addendum X-A-4

B. BUSINESS AFFAIRS

University of Nebraska

1. Accept the audited financial statements of the University of Nebraska and related entities Addendum X-B-1
2. Approve amendment of RP-6.3.1.4(r) of the *Policies of the Board of Regents* relating to property leases Addendum X-B-2
3. Approve amendments to the Collective Bargaining Agreement between the Board of Regents and the University of Nebraska at Kearney Education Association for the 2013-2015 biennium [Please note: this item will be voted on after the Closed Session] Addendum X-B-3
4. Approve amendments to the Collective Bargaining Agreement between the Board of Regents and the University of Nebraska at Omaha American Association of University Professors for the 2013-2015 biennium [Please note: this item will be voted on after the Closed Session] Addendum X-B-4

University of Nebraska-Lincoln

5. Approve the Program Statement and Budget for the Nebraska Veterinary Diagnostic Center at the University of Nebraska-Lincoln Addendum X-B-5
6. Approve the Residence Hall Room and Board Rates for Academic Years 2013-14 and 2014-15 at the University of Nebraska-Lincoln Addendum X-B-6

University of Nebraska at Kearney

7. Approve the Residence Hall Room and Board Rates for the 2013-14 Academic Year at the University of Nebraska at Kearney Addendum X-B-7

Nebraska College of Technical Agriculture

8. Approve the Residence Hall Room and Board Rates for the 2013-14 Academic Year at the Nebraska College of Technical Agriculture Addendum X-B-8

University of Nebraska at Omaha

9. Approve the Residence Hall Room Rates for Scott Village, Scott Court, Maverick Village and University Village for the 2013-14 Academic Year at the University of Nebraska at Omaha Addendum X-B-9
10. Authorize the President, in consultation with the Executive Committee of the Board, to approve terms and conditions to complete the transfer of real estate at the UNO arena site from the University of Nebraska Foundation to the University for University purposes Addendum X-B-10

University of Nebraska Medical Center

11. Approve the Program Statement and Budget for the construction of a new College of Pharmacy and Center for Drug Discovery building on the campus of the University of Nebraska Medical Center in Omaha Addendum X-B-11
12. Approve the assignment and assumption agreement which permits the closing on the purchase agreement of real property located at 4103 Leavenworth Street, Omaha, Nebraska Addendum X-B-12
13. Approve long-term leasing of space for the Gretchen Swanson Center for Nutrition Addendum X-B-13

C. FOR INFORMATION ONLY

1. University of Nebraska Strategic Planning Framework Addendum X-C-1
2. University of Nebraska Strategic Framework Accountability Measures Addendum X-C-2
3. Calendar of establishing and reporting accountability measures Addendum X-C-3
4. University of Nebraska Strategic Dashboard Indicators Addendum X-C-4
5. Board of Regents agenda items related to the University of Nebraska Strategic Framework Addendum X-C-5

D. REPORTS

1. Renaming the Bachelor of Arts in Education K-12 Teaching Field Endorsement to the Bachelor of Music in Music Education K-12 in the Department of Music and Performing Arts at the University of Nebraska at Kearney Addendum X-D-1
2. Expedited Approval of the University of Nebraska at Omaha Graduate Certificate in Applied Behavioral Analysis (ABA) in the Department of Psychology Addendum X-D-2
3. Renaming the Department of Finance, Banking and Law to the Department of Finance, Banking and Real Estate in the College of Business Administration at the University of Nebraska at Omaha Addendum X-D-3
4. Intermediate Design Reports – UNL Whittier Research Center Phase 2 Renovation and UNL East Campus Recreation Center Renovation & Addition Addendum X-D-4
5. Quarterly Status Report of Six-Year Capital Plan and Capital Construction Report Addendum X-D-5
6. Quarterly Report of Gifts, Grants and Bequests Addendum X-D-6
7. Bids and Contracts Addendum X-D-7
8. Five-year Affiliation Agreement and Lease of Space between the University of Nebraska-Lincoln and the University of Nebraska Federal Credit Union Addendum X-D-8
9. Five-year Cash Rent Farm Lease agreement between the University of Nebraska-Lincoln and Monte & Twila Madsen Life Estate Addendum X-D-9
10. Grazing Rental Agreement between the University of Nebraska-Lincoln and Willis Roethemeyer Addendum X-D-10
11. Two 2-year storage unit lease agreements between the University of Nebraska-Lincoln and Infinity S Development Addendum X-D-11
12. Two-year Building and Ground lease agreement between the University of Nebraska-Lincoln and the Airport Authority of the City of Lincoln Addendum X-D-12
13. Naming of Room 318 in the Nebraska East Union at the University of Nebraska-Lincoln the “Bluestem Room” Addendum X-D-13
14. Naming of Surgical Simulation Center room the “Wayne and Eileen Ryan Surgical Simulation Center” at the University of Nebraska Medical Center Addendum X-D-14
15. Cancer Center Program Statement update: Demolition of the C.A. and Caroline Swanson Hall Addendum X-D-15

16. Tenure Density report Addendum X-D-16
17. Strategic Framework report on Debt [6-c-ii] Addendum X-D-17
18. Strategic Framework report on Endowment [6-a-ii] Addendum X-D-18
19. Quarterly Personnel report Addendum X-D-19

XI. ADDITIONAL BUSINESS

IX. UNIVERSITY CONSENT AGENDA

A. ACADEMIC AFFAIRS

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4. Approval is requested to consolidate the Master of Arts degree with the Master of Science degree in both Elementary Education and Secondary Education majors in the Teacher Education Department at the University of Nebraska at Omaha Addendum IX-A-4

TO: The Board of Regents Addendum IX-A-1
Academic Affairs

MEETING DATE: January 25, 2013

SUBJECT: Discontinuance of the Master of Arts in Education (MAE) programs in French and German at the University of Nebraska at Kearney

RECOMMENDED ACTION: Approval is requested to discontinue the MAE programs in French and German at UNK

PREVIOUS ACTION: December 10, 1994 – The Board approved the name change of the Department of Foreign Languages at UNK to the Department of Modern Languages.

EXPLANATION: This year and in recent years, the French and German programs have had no applicants for, or graduates with the MAE degree. The faculty of the Department of Modern Languages has voted to eliminate these two degrees from their graduate program.

This proposal has been reviewed and approved by the UNK Graduate Council, reviewed by the Council of Academic Officers, and approved by the Executive Graduate Council.

PROJECT COST: None

SOURCE OF FUNDS: None

SPONSORS: Charles J. Bicak
Senior Vice Chancellor for Academic & Student Affairs

Douglas Kristensen, Chancellor
University of Nebraska at Kearney

RECOMMENDED: Susan M. Fritz
Interim Executive Vice President and Provost
Interim Dean of the Graduate College

DATE: December 19, 2012

TO: The Board of Regents Addendum IX-A-2
Academic Affairs

MEETING DATE: January 25, 2013

SUBJECT: Consolidation of the master's programs in Engineering Mechanics and Mechanical Engineering in the College of Engineering at the University of Nebraska-Lincoln (UNL) into a single Master of Science (MS) in Mechanical Engineering and Applied Mechanics (MEAM)

RECOMMENDED ACTION: Approval is requested to consolidate the master's programs in Engineering Mechanics and Mechanical Engineering in the College of Engineering at UNL into a single MS in Mechanical Engineering and Applied Mechanics (MEAM)

PREVIOUS ACTION: September 9, 2011 – The Board approved the request to merge the Department of Engineering Mechanics and the Department of Mechanical Engineering and name the new unit the Department of Mechanical and Materials Engineering (MME) at UNL.

EXPLANATION: The consolidation of the two degrees programs is requested to simplify the existing structure and to better reflect the newly merged department. This endeavor will remove duplication of effort in MME for the management of the two current programs and will result in a new program that is in line with current national trends. This combined degree also is in line with our Big Ten colleagues and will allow future programmatic opportunities for collaboration.

This proposal has been reviewed by the Council of Academic Officers and approved by the Executive Graduate Council.

PROGRAM COSTS: The consolidation of the two degrees should not require any new or additional funds.

SOURCE OF FUNDS: None necessary

SPONSORS: Ellen Weissinger
Senior Vice Chancellor for Academic Affairs

Harvey Perlman, Chancellor
University of Nebraska-Lincoln

RECOMMENDED: Susan M. Fritz
Interim Executive Vice President and Provost
Interim Dean of the Graduate College

DATE: December 19, 2012

TO: The Board of Regents Addendum IX-A-3
Academic Affairs

MEETING DATE: January 25, 2013

SUBJECT: Consolidation of the Master of Arts (MA) degree with the Master of Science (MS) degree in Speech-Language Pathology in the Department of Special Education and Communication Disorders at the University of Nebraska at Omaha (UNO)

RECOMMENDED ACTION: Approval is requested to consolidate the MA degree with the MS degree in Speech-Language Pathology in the Department of Special Education and Communication Disorders at UNO

PREVIOUS ACTION: July 28, 2001 – The Board approved the request to consolidate the existing masters degrees (Master of Science with a major in Behavioral Disorders, Master of Arts with a major in Resource Teaching & Learning, Master of Science with a major in Teaching the Hearing Impaired, Master of Science with a major in Teaching the Mentally Retarded) into a single degree entitled Master of Science with a major in Special Education

EXPLANATION: Historically, Speech Language Pathology in the Department of Special Education and Communication Disorders has offered the MS and MA degree options for students in the SLP program. After internal review, the program faculty determined that student/program needs could be met by consolidating learning activities into a single MS degree. The SLP program underwent external review by the Council on Academic Accreditation in Audiology and Speech Language Pathology of the American Speech Language Hearing Association. The program was reaccredited through June 30, 2020.

This proposal has been reviewed by the Council of Academic Officers and approved by the Executive Graduate Council.

PROGRAM COSTS: None

SOURCE OF FUNDS: Not applicable

SPONSORS: B.J. Reed
Senior Vice Chancellor for Academic and Student Affairs

John Christensen, Chancellor
University of Nebraska at Omaha

RECOMMENDED: Susan M. Fritz
Interim Executive Vice President and Provost
Interim Dean of the Graduate College

DATE: December 19, 2012

TO: The Board of Regents Addendum IX-A-4
Academic Affairs

MEETING DATE: January 25, 2013

SUBJECT: Consolidation of the Master of Arts (MA) degree with the Master of Science (MS) degree in both Elementary Education and Secondary Education majors in the Teacher Education Department at the University of Nebraska at Omaha (UNO)

RECOMMENDED ACTION: Approval is requested to consolidate the MA degree with the MS degree in both Elementary Education and Secondary Education majors in the Teacher Education Department at UNO

PREVIOUS ACTION: None

EXPLANATION: Based on an extensive review of its program and curriculum, the faculty in UNO's Department of Teacher Education recommends the consolidation of its MA with the MS degree in both Elementary and Secondary Education majors. The concentrations currently offered in each program will remain the same under the MS degree only.

This proposal has been reviewed by the Council of Academic Officers and approved by the Executive Graduate Council.

PROGRAM COSTS: None

SOURCE OF FUNDS: Not applicable

SPONSORS: B.J. Reed
Senior Vice Chancellor for Academic and Student Affairs

John Christensen, Chancellor
University of Nebraska at Omaha

RECOMMENDED: Susan M. Fritz
Interim Executive Vice President and Provost
Interim Dean of the Graduate College

DATE: December 19, 2012

X. UNIVERSITY ADMINISTRATIVE AGENDA

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TO: The Board of Regents Addendum X-A-1
Academic Affairs

MEETING DATE: January 25, 2013

SUBJECT: Establishment of the Center for Brain, Biology and Behavior as an interdisciplinary research center at the University of Nebraska-Lincoln (UNL)

RECOMMENDED ACTION: Approval is requested to establish the Center for Brain, Biology and Behavior (CB³) as an interdisciplinary research center at UNL

PREVIOUS ACTION: None

EXPLANATION: The proposed Center for Brain, Biology and Behavior will be a broad based interdisciplinary research center (over three dozen NU faculty have expressed interest in affiliating with the Center) with intentions to: 1) establish an international reputation as a pioneering, premier, world-class, interdisciplinary Center investigating the interface among social, biological, behavioral, engineering and neurological issues; 2) provide state-of-the-art imaging equipment to faculty and students, as well as training in its application to mainstream behavior, social and biological issues; and 3) create a transdisciplinary hub for research and graduate education focusing on the spectrum of translational research that extends from basic research to applied research to social policy.

The Council of Academic Officers has reviewed this proposal.

PROJECT COST: Total cost for first full year – FY2014 – \$1,328,440

SOURCE OF FUNDS: Reallocation of existing funds (\$318,040)
Sponsored Funding (\$750,000)
Nebraska Research Initiative (NRI) and Tobacco Funding (\$192,525)
Core Facility User Fees (\$25,000)
Scientific Journal (\$23,000)
Facilities and Administrative (F&A) Return to Center (\$19,875)

SPONSORS: Prem S. Paul
Vice Chancellor for Research and Economic Development

Harvey Perlman, Chancellor
University of Nebraska-Lincoln

RECOMMENDED: Susan M. Fritz
Interim Executive Vice President and Provost

DATE: December 19, 2012

Proposal for:

**University of Nebraska–Lincoln
Center for Brain, Biology and Behavior**

Submitted by:

**Dennis L. Molfese, Kevin B. Smith,
John R. Hibbing and Susan M. Sheridan**

**Departments of Psychology, Political Science, Special Education and
Communication Disorders, Educational Psychology, and Athletics**



University of Nebraska–Lincoln Center for Brain, Biology and Behavior (CB³)

- Departments of Psychology, Political Science, Special Education and Communication Disorders, Educational Psychology and Athletics (plus several other affiliated units)
- Office of Research & Economic Development

Descriptive Information

Proposing Institution: University of Nebraska-Lincoln

Programs involved represent a major cross-section of disciplines across colleges and many departments at the University of Nebraska-Lincoln, including:

Department	Contact
Anthropology	Raymond B. Hames
Athletics	Tom Osborne
Biological Sciences	Valery E. Forbes
Biological Sciences	Lawrence G. Harshman
Biological Systems Engineering	Shadi Othman
Biological Systems Engineering	Jeyam Subbiah
Chemical & Biomolecular Engineering	Srivatsan S. Kidambi
Chemical & Biomolecular Engineering	William H. Velander
Child, Youth, and Family Studies	Richard J. Bischoff
Child, Youth, and Family Studies	Victoria J. Molfese
Communication Studies	Dawn O. Braithwaite
Computer Science and Engineering	Stephen Goddard
Criminal Justice	Candice L. Batton
Education-Educational Admin	Larry L. Dlugosh
Educational Psychology	Susan M. Sheridan
Environmental Studies	David C. Gosselin
Finance	Gordon V. Karels
Gerontology	Julie L. Masters
Journalism & Mass Communication	Gary W. Kebbel
Management	David L. Olson
Marketing	Les C. Carlson
Mathematics	Carina P. Curto
Mathematics	Vladimir M. Itskov
Mathematics	Judy L. Walker
Mechanical & Materials Engineering	Namas Chandra
Nutrition and Health Sciences	Timothy P. Carr
Philosophy	Joseph R. Mendola
Physics & Astronomy	Dan R. Claes
Physics & Astronomy	Anthony F. Starace
Political Science	John R. Hibbing
Political Science	Kevin B. Smith
Psychology	Rick A. Bevins
Psychology	David J. Hansen

Psychology
Psychology
Special Education and Communication Disorders
Sociology
Textiles, Clothing and Design
Women's and Gender Studies-English Dept.

Ming Li
Anne R. Schutte
Julie Honaker
Dan R. Hoyt
Michael F. James
Chantal Kalisa

The Center brings together some of the most distinguished faculty from across the University of Nebraska-Lincoln in the social, biological, behavioral and engineering sciences and links them with experts in Nebraska, the U.S. and from the world. Presently, no unit at UNL attempts to draw faculty and students together from such a wide range of disciplines into a shared research vision. In fact, the breadth of this program is unprecedented in the U.S. and abroad.

The Center also involves faculty and professionals from the University of Nebraska Medical Center, University of Nebraska at Omaha, and the community, including:

- Michele Aizenberg, MD, neurosurgical oncology expertise, UNMC
- Mike Boska, Ph.D., neuroimaging with expertise in co-registration with other imaging modalities, UNMC
- Bruce Chase, Ph.D., Professor of Biology, UNO
- Jeffrey French, Ph.D., Professor of Psychology, UNO
- Kathleen Grant, Ph.D., Veterans Affairs, Mental/Behavioral Health, Omaha
- Kate Kulesher Jarecke, Brain Injury Association of Nebraska, Lincoln
- Jennifer Larsen, MD, expertise in measurement of hormonal, cytokine and other biomarkers of stress and neuroendocrine testing and management, UNMC
- Mike Leibowitz, Ph.D., expertise in developmental neurosciences, UNMC
- Peter Lennarson, MD, neurotrauma expertise, UNMC
- Howard W. Needelman, M.D., Munroe-Meyer Institute for Genetics & Rehab., UNMC
- Daniel J. Tomes, M.D., neurosurgeon, BryanLGH West Hospital, Lincoln
- Tony Wilson, M.D., UNMC Neurological Sciences

Administrative unit: Office of Research & Economic Development

Physical location of the Center: East Stadium Research Complex

Proposed date: Center for Brain, Biology and Behavior will be initiated during AY 2012-2013

1. Purpose and Context for the Center

The University of Nebraska Center for Brain, Biology and Behavior (CB³) is proposed as a broadly based interdisciplinary research Center whose three ultimate goals are to: (1) establish an international reputation as a pioneering, premier, world-class, interdisciplinary Center investigating the interface between social, biological, behavioral, engineering and neurological issues; (2) provide state-of-the-art imaging equipment to faculty and students, as well as training in its application to mainstream behavior, social and biological issues; and (3) create a transdisciplinary hub for cutting-edge research and innovative graduate education focusing on an unfilled niche encompassing the spectrum of translational research that extends from basic research to applied research to social policy.

To accomplish such goals, this interdisciplinary Center will make available to faculty and students – and train them in the use of – multiple, state-of-the-art brain imaging techniques and research methodologies to study brain-behavior relationships that encompass a broad spectrum of disciplines within the University. The center will integrate the disciplinary building blocks of genetics, neuroscience, physiology, affect/emotion, cognition, socio-political attitudes and behavior, reflected in the largely extant faculty expertise, campus assets, and UNL strengths. Research includes domains ranging from the heritability of social attitudes to the neurological basis of human decision-making to the study and remediation of brain concussion in athletes.

The scope of this proposal goes beyond simply building a world-class imaging Center to support interdisciplinary research. Ultimately the work to be conducted through the Center will lead to a qualitative leap forward in the pursuit of world knowledge. Such efforts will redefine the way that disciplines world-wide conceptualize themselves in light of the new knowledge they generate. Importantly, this description of truly interdisciplinary training and research fits well within the vision espoused by the National Science Foundation for the future of higher education.

The central goal of the Center for Brain, Biology and Behavior is to become an internationally recognized and competitive Center of Excellence for research into the biological bases of social behavior. The specific goals of the proposed Center are:

** Produce nationally prominent, cutting-edge, transdisciplinary research that increases UNL's national and international profile.*

Nationally recognized UNL researchers are currently investigating the heritability and cognitive correlates of political attitudes (Hibbing, J., Smith, K., NSF 0826828); biological pathways in childhood speech and language impairment (Green, J., Hogan, T.P., Great Plains Health Research Consortium); executive function development in preschool children (Schutte A., NIH R01-MH065668); acquired appetitive properties of nicotine (Bevins, R., NIH R01-DA018114); robust methods for knowledge representation, data mining and integration (Molfese D.L., NIH R01-EB007684); developmental implications of early childhood sleep (Bates, J., Molfese V.J. et al., NIH R01-HD07322-01); behavioral mechanisms of antipsychotic action (Li, M., DHHS R01-MH085635); and gene therapy against neurodegenerative disorders associated with pesticide exposure (Li, M., UNL Life Sciences Competitive Grants). These efforts have already produced numerous high-profile publications (e.g., Molfese, D.L. et al., 2013, *Developmental Neuropsychology*; Molfese, D.L. et al., 2012, *Listening to Many Voices: Reading, Writing, Mathematics, and the Brain*; Molfese, V.J. et al., 2011, *Reading and Writing: Special Issue on Writing Development: New Interdisciplinary Finding and Models*; Oxley et al., 2008, *Science*; Paz-y-mino, Bond, Kamil & Balda, 2004, *Nature*; Dloniak, French & Holekamp, 2006, *Nature*; Ross, French & Orti, 2007, *PNAS*; Green & Wilson, 2006, *Developmental Psychology*; Reichel & Bevins, 2008, *Behavioral Neuroscience*); these publications reflect cross-disciplinary working relationships with faculty in other institutions nationally and internationally. While successful, these efforts at UNL are grass roots efforts that are informal and carried out in spite of, rather than because of, existing organizational arrangements. They rely on individual faculty members taking the initiative to break out of disciplinary silos and forge cooperative relationships.

** Enhance external funding from government agencies and private foundations.*

UNL research teams have been awarded several high profile federal grants and contracts. These interdisciplinary grant applications have been successful mostly through the individual efforts of the faculty. This Center will provide strategic coordination among existing UNL faculty and

assets (e.g., equipment) to enhance both individual and collaborative research that will increase federal funding.

**Develop unique transdisciplinary training programs that will make UNL a national leader in graduate education.*

A central obstacle to advancing integrated transdisciplinary research is traditional, discipline-specific graduate training, which is relatively narrowly focused. While calls for breaking down disciplinary boundaries are common in academe, action lags behind the rhetoric because of differing disciplinary assumptions, methods and perspectives. Encouraging “out-of-the-box” thinking requires out-of-the-box teaching and training, including training future social scientists in the basics of biology and those from the biological sciences in the basics of social science. A central obstacle to creating and sustaining such transdisciplinary graduate programs is lack of a formal administrative structure to coordinate course development and research training across disciplines.

**Expose undergraduates to exciting new research paradigms, both through classroom instruction and through direct involvement in research projects.*

Undergraduate education is a central UNL priority, and one of the great advantages of studying at UNL, a comprehensive research university, is exposure to the knowledge generated by faculty and access to the research process that underlies that knowledge. Relatively few undergraduates currently are getting the benefits of transdisciplinary research exposure. When they do get such an experience, it invariably is on an ad hoc basis. For example, political science has introduced a new course on biology and politics (PS 250). Several faculty also took the initiative to provide Undergraduate Creative Activities and Research Experiences (UCARE) students with research opportunities in ongoing projects that foster cutting edge, transdisciplinary training. This Center would provide centralized coordination and cooperation to systematically expose undergraduates to, or involve them in, this research.

2. Need and Demand for the Center

The implications for the cross-disciplinary research approach in this area are significant. Each year, more than 1.5 million Americans suffer new head injuries. Many of these are sports related, but the majority are experienced during car accidents or on the battlefield. The work of UNL scientists in the Center will inform biomedical and behavioral science, as well as clinical practice, and to benefit society by leading to the development of innovations that enhance the prevention, detection and treatment of severe head injuries. External funding for this research will be pursued from the National Institutes of Health and other agencies.

In addition, the National Science Foundation has identified complex social behavior as a national cross-cutting research priority and challenged the academic community to coordinate multidisciplinary efforts to systematically attack this goal:

“Understanding individual and group behavior in the context of the natural, human-built, and social environments poses immense challenges. The research must embrace interactions that range in time from nanoseconds to millennia, and across scales – from the internal workings of the human mind to the interplay of global social and cultural systems.”

(www.nsf.gov/news/priority_areas/humansocial/index.jsp).

UNL is exceptionally well positioned to become a national and international leader in one of the most exciting research agendas of the twenty-first century for the following reasons:

1. UNL has a core of expertise directly related to the curricular focus of the CB³ initiative (genetics, physiology, neuroscience and neuroendocrinology), including nationally and internationally known research labs that have a central or exclusive focus on linking each of these areas to social, political or economic behavior. These labs are already producing high profile research and attracting external funding (see above).
2. UNL faculty already are embedded in a wide range of interdisciplinary research teams that cross institutional as well as disciplinary boundaries. For example, the Human Social Dynamics project (PIs Hibbing & Smith, NSF 0721378 & NSF 0826828) involves researchers in UNL's political science and psychology departments, the psychology department at the University of Nebraska-Omaha, the political science department at Rice University, neuroscientists at Baylor Medical Center, and behavioral geneticists at the Queensland Institute of Medical Research in Australia. Dennis Molfese, the proposed Center director, is part of a NIH-funded international research consortium (NIH 1R01EB007684) involving neuroimaging labs that are utilizing advanced technologies to identify key links between brain and behavior.
3. UNL has committed itself to institutionalizing cross-disciplinary training and research in the social and biological sciences. The Vice Chancellor for Research and Economic Development and the Vice Chancellor for Academic Affairs already have approved a sustained shift toward supporting cross-cutting research and courses with a focus on biology and social attitudes and behavior.

UNL is lacking, however, a formal institutional structure to coordinate, catalyze, and capitalize on these existing assets and the opportunity they create, as well as personnel with the specific expertise to accomplish the Center's full range of goals related to use of newly acquired fMRI technology to study changes in brain structure and function. Creating such a Center and recruiting and hiring a cluster of new faculty and research staff positions will confer a number of important benefits:

- a. Provide the administrative infrastructure necessary to coordinate and develop cross-disciplinary research teams across the social and biological sciences by formally linking research labs and associated faculty.
- b. Strengthen those teams by capitalizing on the expertise of a cadre of highly motivated investigators currently engaged in efforts that support the Center's goals and adding to the mix newly recruited faculty who can mentor and collaborate with their Center colleagues in initiatives that use advanced brain-imaging and genetic tools. While UNL is the last Big Ten institution to add an fMRI installation, new faculty positions will help us take a major leap forward and enable the Center to develop research emphases not pursued elsewhere. This dynamic invariably will open up new funding opportunities for individual faculty, the Center and the entire University.
- c. Position those teams to compete for external research dollars. Transdisciplinary research into the interactions between biological and social behaviors is clearly emerging as a top national priority of funding agencies. The National Science Foundation, the NSF-Department of Defense Minerva Institute, the National Institutes of Health, and other external funding agencies are devoting increasing proportions of their research dollars to

this area. The proposed Center is perfectly positioned to compete at a national level for those research dollars.

- d. Promote cross-disciplinary training of graduate and undergraduate students. The Center will promote curricular development and help integrate students into interdisciplinary research teams. The Center will aggressively seek to take advantage of new opportunities created by UNL's Big Ten membership. We are especially interested in attracting graduate students from social and biological science programs across the Big Ten to spend one to two semesters working with CB³ research teams/labs. The Big Ten already has named proposed Center director Dennis Molfese as director of concussion research across all 13 campuses involving college athletes.

3. Adequacy of Resources

Budget projections for the proposed Center for the next few years are presented in Appendix A.

Space

The 25,000-sq. ft. Center will be housed in the East Stadium expansion on the University of Nebraska-Lincoln campus. The Center will geographically concentrate three existing and two new labs. The existing labs include the political physiology lab, the Vision, Attention, Memory and Perception (VAMP) lab, and the developmental neuroscience laboratory. The new labs will include the neuroimaging lab of Dr. Dennis Molfese in psychology, and will provide sufficient research space for the proposed six new hires in areas committed to Center research and training activities.

Equipment and Facilities

Shared facilities for all investigators, both faculty and students, associated with the Center include access to a Siemens 3T fMRI Brain Imaging System and twelve 256-electrode high-density ERP/EEG brain recording systems and eye tracking devices that interface with the fMRI for concurrent data acquisition. This is the only system of its type that exists in the world at present. Finally, a dedicated brain imaging computer lab that provides a common research resource for all participating research teams also will be housed in this facility. The equipment is either already on site or being purchased. This concentration of CB³-affiliated labs and facilities is already at an advanced planning stage, as is office space for an administrative assistant, affiliated faculty, post-doctoral fellows, graduate and undergraduate students.

Faculty

While a number of UNL researchers are in the vanguard of research into the biological bases of social behavior, there currently are no fMRI specialists among UNL's faculty who have the specific expertise to design and conduct studies using this equipment; teach our faculty how to utilize such equipment in their own studies; or develop software for data acquisition and analysis. Pursuit of funding for these positions is currently under review as part of a "Cluster Hire" initiative through the office of Dr. Ellen Weissinger, the Senior Vice Chancellor for Academic Affairs. Two positions have currently been authorized through this initiative and are included in the budget shown in Appendix A.

That proposal outlines the substantive need for an accomplished fMRI researcher in cognitive/social neuroscience to advance such existing UNL research programs as Systems Biology of Social Behavior (SB2), and help develop additional productive research emphases.

Additionally, because of the existing strengths represented by the Substance Abuse and Violence Initiative (SAVI), an investigator with expertise in this domain who also has expertise in neuroprocesses and neuroimaging is a must to link that initiative more strongly with the Center and facilitate successful external grant activity. There also is a critical need for a scientist with expertise in molecular/behavior genetics who has strong interests in brain development and familiarity with fMRI as a tool of investigation. It also is essential that we add faculty expertise on use of biomarkers (e.g., hormones, including cortisol) to examine biological processes and behavior that will enhance the current initiatives in behavioral health and health disparities as well as advance initiatives addressing diversity health issues. Given the large amounts of data generated by the range of neuroimaging equipment that will be housed in the Center, a scientist with expertise in computational modeling, neuroimaging and cognition is needed to link mathematical models to behavioral and brain imaging data.

To address these critical gaps in our personnel, we have requested approval to recruit for six faculty positions plus three research staff positions that are critical to advance the interdisciplinary mission of the CB³, SB2, SAVI, Saliva Bioscience Strategic Initiative (SBSI), the Behavioral Health and Health Disparities Initiative, and the University of Nebraska itself. The addition of this cluster of expert faculty will bring together individuals with advanced brain imaging and didactic skills who will collaborate with our faculty to create new breakthroughs across many disciplines that will in turn advance a broad range of UNL faculty from across many departments and all colleges.

4. Organizational Structure and Administration

The organizational structure must be flexible enough to allow participation by various groups, yet still provide a strong central administrative constitution. Dennis L. Molfese, professor of psychology at the University of Nebraska-Lincoln, will serve as the Center director. He will oversee the Center's day-to-day fiscal and management activities and take the lead role in promoting and coordinating cross-disciplinary research as well as graduate and undergraduate student training. Kevin B. Smith will serve as the Associate Director. An external advisory board made up of world-class scholars from the U.S. and other countries will meet once a year with Center members to discuss progress toward goals and objectives, and identify key areas for further development. A Center executive committee comprised of faculty members drawn from participating departments and colleges, along with the director, will be responsible for identifying interdisciplinary research opportunities, supporting efforts to secure external funding, and supporting and coordinating cross-disciplinary curriculum development and student training. The executive committee also will provide an authoritative voice on strategic planning, including allocation of resources and the targeting of future funding activities.

5. Partnerships with Business and Athletics

Through the efforts of Dr. Molfese, linkages already have been established with St. Elizabeth Regional Medical Center in Lincoln, where a long-range study is currently under way investigating the physical, neurological and social outcomes for late preterm infants. Bryan LGH-West has agreed to collaborate on clinical sleep studies with Center faculty, and discussions have just begun on using brain imaging techniques to more effectively study and develop interventions for young children with developmental disabilities. Training and

collaborations are already in place with Madonna Rehabilitation Hospital to conduct research and develop intervention techniques to treat children with head injuries resulting from trauma suffered in car accidents to shaken baby injuries. Eight Madonna staff members have completed a rigorous two-day workshop on advanced imaging techniques to be used with consenting clients. Dr. Molfese is also collaborating with the Brain Injury Association of Nebraska, recently submitting a joint grant application to the Department of Health and Human Services to develop and provide computer programs to assist Nebraska's 82 urgent care facilities in identifying head-injured patients. Dr. Molfese has a long history of working with companies to secure millions of dollars in Small Business Initiated Research (SBIR) grants from the National Institutes of Health. He expects to continue those activities as well as work with faculty and business to expand the University's success in this arena.

Through an innovative partnership, the Center will partner with the UNL Department of Athletics in key ways to strengthen the mission of each. In addition to the space, provided with support from Athletics, collaboration will include shared use of a core facility and also a strong partnership with Athletics' new Nebraska Athletic Performance Lab, which will be co-located with the Center in the East Stadium addition. Through this unique partnership, the Center will be positioned to address several important challenges and will assume a national leadership position in the area of sports concussion.

6. Collaboration with Higher Education Institutions External to the University

The Center already has established collaborative relationships with university faculty and national and international researchers. For example, the Human Social Dynamics projects involve political scientists and psychologists at UNL, Jeffrey French, Varner Professor, Department of Biology/Psychology at the University of Nebraska-Omaha, political scientists at Rice University, neuroscientists at Baylor Medical Center, and behavioral geneticists at the Queensland Institute of Medical Research in Australia. Dr. Molfese is working with Haskins Laboratories of Yale University, the University of Jyväskylä, Finland, Vanderbilt University and Indiana University to study the neurobiological underpinnings of learning disabilities and their remediation. He also is collaborating with pediatricians, rehabilitation specialists and neurosurgeons at UNMC to develop new assessment techniques as well as novel intervention strategies to address a range of neurological disorders.

The Center also will provide a natural point of contact for collaboration among Big Ten institutions. As indicated earlier, UNL already has taken the lead in coordinating concussion research in athletes across all Big Ten campuses. The Committee on Institutional Cooperation has given UNL and all Big Ten schools access to a large data storage and management system that will support close collaborations across campuses. The proposed Center could take advantage of resources such as the Committee on Institutional Cooperation to leverage even greater involvement from high profile institutions and researchers. For example, the Ivy League recently asked to join the Big Ten Sports Concussion initiative headed by Dr. Molfese. Schools from the Pac-12 and Atlantic Conferences also have expressed an interest.

7. Constituencies to be Served

The proposed Center will provide undergraduate and graduate students at UNL with the opportunity to participate in groundbreaking research using the latest technologies to achieve such goals. Training across the range of disciplines and methodological approaches in conjunction with powerful and cutting-edge technologies will offer UNL students a level of training largely unmatched by other institutions world-wide. Students at all levels, as well as faculty in every college and a high percentage of departments at UNL, will have access to such training, increasing even further the likelihood of success in scientific breakthroughs that cross disciplines. In addition, by partnering with local and state agencies and businesses, the Center will provide opportunities for advanced training in brain and behavior research techniques as well as collaborations that could spin off new inventions and new procedures for treatment and intervention that could better serve the people of the state of Nebraska.

8. Anticipated Outcomes, Significance and Specific Measures of Success

The overall impact of our interdisciplinary Center will be multifaceted:

- a. It will establish an international reputation as a pioneering, world-class, interdisciplinary center for brain-behavior research.
- b. The Center will be respected and emulated world-wide for utilizing multiple, cutting-edge imaging techniques to study brain-behavior relationships that encompass a broad spectrum of disciplines from education to politics to mathematics and art.
- c. The Center will bring together a truly unique and wide-ranging group of collaborators who will use these cutting-edge brain imaging and computational technologies to solve existing problems while addressing newly emerging challenges appearing at the intersections of their fields.
- d. New disciplines will develop out of the interdisciplinary work facilitated by the Center that are not just hybrids but rather evolving entities that incorporate and build upon the new information and training developing out of these integrative efforts.
- e. Our undergraduate and graduate students will be impacted not only by the new knowledge generated through such efforts, but by lessons learned through the collaborations that involve this unique multi-method, multi-discipline approach. Students trained in this system will literally, through their training and research, become the first to contribute to and see new findings before students at any other institutions world-wide. Such training and experiences should markedly increase the value of these students seeking employment.
- f. These research and educational achievements will drive the development of more sophisticated statistical and computational approaches, making use of the strong infrastructure already in place in the Holland Computing Center.
- g. The reputation and stature of UNL will grow proportionately to the marked increase in the number of cutting-edge publications and the consequent growth of faculty reputations, the increased competitiveness of our students in the workplace, and the increasing competitiveness of faculty research and applied grant applications in brain-behavior domains.

Ultimately, of course, the overall goal of the CB³ is to develop into an independent, self-sustaining, internationally recognized center of excellence.

The metrics to measure success in meeting that goal include the following:

1. A positive accelerating submission rate for grants seeking external federal and private research grant funding such that the number of grant submissions will increase geometrically from year-to-year.
2. An increasing rate of funding of and expenditures from external federal and private research grants that parallels Step 1 above.
3. An increasing rate of funding and expenditures from high profile publications by *interdisciplinary* research teams that parallels Step 1.
4. Graduating Ph.D.s with cross-disciplinary theoretical and methodological skill sets that reflect the skill sets and knowledge unique to the Center.
5. Successful placement of these advanced students in high quality, highly visible university, medical and business settings.
6. Successful advanced placement of undergraduate students in public and private sectors because of the highly competitive skills they acquired through the Center.
7. A steadily increase in the number of patent submissions and patent awards that directly or indirectly derive from the Center's activities.
8. A steadily increase in contracts and partnerships between the University and the private sector.

9. Centrality to Role and Mission of the Institution

The creation of the proposed Center for Brain, Biology and Behavior will support the central mission of the University of Nebraska-Lincoln by providing a cutting-edge, world-leading learning environment for undergraduates, graduate students and post-doctoral fellows. With the research faculty and facilities available, students will have the opportunity to go beyond the training traditionally delivered in disciplinary silos that fail to take advantage of the riches that come from sharing and creating new knowledge across disciplines while at the same time creating new disciplines.

10. Potential for the Program to Contribute to Society and Economic Development

The mission of the Center is ultimately to deepen our understanding of the interactions among social, biological and neurological factors that impact and shape individual and group behaviors. Generating such knowledge has enormous potential implications, in understanding human nature, developing interventions to address physical and mental health problems, and developing practical policy applications. For example, work already being conducted by affiliated faculty is showing that ideology—a central source of conflict between and within nations—is not driven solely by environmentally based differences over issues of the day. Understanding the deeper, social-biologically based sources of political conflict may potentially lead to processes to manage and mitigate conflict. Likewise, studies of special populations within the interdisciplinary context of the Center could lead to breakthroughs that might eliminate certain types of impairments like reading disabilities within the present generation. Of 4.1 million children born each year in the U.S., 800,000 will develop a life-long reading impairment called

dyslexia. Cutting-edge research building on the work by investigators already at UNL could mitigate or even eliminate that disability, enabling nearly a million individuals a year to play a much more complete and powerful role in our society's growth and success.

The Center can have a positive economic impact on the University community. CB³- affiliated faculty have secured a wide variety of external grants (see Appendix B), and the proposed Center will enable UNL faculty to be even more competitive for those external research dollars.

11. Consistency with the Comprehensive Statewide Plan for Postsecondary Education: How This Program Would Enhance Relevant Statewide Goals For Education.

The proposed Center for Brain, Biology and Behavior will enhance the Comprehensive Statewide Plan for Postsecondary Education (CSPPE) in three major goal areas: research and development activities, exemplary institutions, and collaborative partnerships.

Research and development: According to the CSPPE, Nebraska colleges and universities are to “contribute to the health and prosperity of the people and to the vitality of the state through research and development efforts, technology transfer and technical assistance, and by attracting external funds to support these activities” (p. 1-8). The proposed Center supports this goal by focusing its research and development efforts on issues important to the people of Nebraska and continuing its efforts to successfully secure federal research and development grants.

Appendix A: Projected Center Expenses

Detailed budget:

	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Personnel						
Director (Molfese)	67,059	69,071	71,143	73,277	75,475	356,025
Radiologist	120,000	123,600	127,308	131,127	135,061	637,096
MR Physicist	70,000	72,100	74,263	76,491	78,786	371,640
Post Doc 1 (Kota)	40,000	41,200	42,436	43,709	45,020	212,365
Post Doc 2	-	50,000	51,500	53,045	54,636	209,181
Trainer (Rudasill)	55,000	56,650	58,350	60,100	61,903	292,002
Business Manager	-	52,500	54,075	55,697	57,368	219,640
Journal Assist/Staff Assistant (Earnest)	32,000	32,960	33,949	34,967	36,016	169,892
Graduate Assistant (Hudac)	15,000	15,450	15,914	16,391	16,883	79,637
Graduate Assistant (Coresa)	15,000	15,450	15,914	16,391	16,883	79,637
GRA Health*2	2,696	2,964	3,260	3,588	3,946	16,454
Undergraduate Students	5,000	5,150	5,305	5,464	5,628	26,546
Senior Hire (cluster hire)	102,500	105,575	108,742	112,005	115,365	544,186
Junior Hire (cluster hire)	-	70,000	72,100	74,263	76,491	292,854
Benefits	160,964	217,730	224,469	231,433	238,626	1,073,221
Other Direct Costs						
Imaging Supplies	10,000	10,500	11,025	11,576	12,155	55,256
Materials/Supplies	55,994	107,650	130,750	170,000	205,000	669,394
Publication Costs/Dissemination		2,000	2,000	2,500	3,000	9,500
Consultant Services - Lab Setup	24,247	-	-	-	-	24,247
Advisory Board Meetings	20,000	20,000	20,000	20,000	20,000	100,000
Misc.	10,000	10,000	10,000	10,000	10,000	50,000
fMRI Maintenance	100,000	105,000	110,250	115,763	121,551	552,563
Equipment Service Agreements		30,900	31,827	32,782	33,765	129,274
ERP Maintenance	35,000	36,750	38,588	40,517	42,543	193,397
Software Licenses	32,000	33,600	35,280	37,044	38,896	176,820
Travel	30,000	30,900	31,827	32,782	33,765	159,274
Equipment	2,186,998	41,200	42,436	43,709	45,020	2,359,363
Startups (cluster hires)	160,000	100,000	-	-	-	260,000
	3,349,458	1,458,899	1,422,708	1,504,620	1,583,782	9,319,468

Budget Notes and Summary:

Revenue sources for the Center budget include start-up funding (coordinated from various sources through the Office of Research and Economic Development) from Dr. Dennis Molfese’s hire, funds from the Nebraska Research Initiative for the human endocrine lab, funds from the Office of Academic Affairs for the new faculty positions, core facility user fees, sponsored programs and return of Facilities & Administrative (F&A) costs from the sponsored programs. Vice Chancellor Prem Paul has designed CB3 as an approved Center for purposes of F&A cost distribution, which will allow the Center to receive 70% of the “college share distribution” of F&A for large research initiatives and 20% of the “college share distribution” of F&A for all other individual or multi-investigator grants proposed through the Center.

		Year 1	Year 2	Year 3	Year 4	Year 5	Total
		2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	
A	Salary	\$ 524,255	\$ 712,670	\$ 734,257	\$ 756,515	\$ 779,461	\$ 3,507,157
B	Fringe Benefits (28%)	\$ 160,964	\$ 217,730	\$ 224,469	\$ 231,433	\$ 238,626	\$ 1,073,221
C	Travel	\$ 30,000	\$ 30,900	\$ 31,827	\$ 32,782	\$ 33,765	\$ 159,274
D	Equipment	\$ 2,186,998	\$ 41,200	\$ 42,436	\$ 43,709	\$ 45,020	\$ 2,359,363
E	Other Costs	\$ 447,241	\$ 456,400	\$ 389,720	\$ 440,181	\$ 486,910	\$ 2,220,452
	Total	\$ 3,349,458	\$ 1,458,899	\$ 1,422,708	\$ 1,504,620	\$ 1,583,782	\$ 9,319,468

Appendix B: Funding History of Center-Related Faculty

Name	Grant	Funding Agency
Bevins, Rick	Acquired Appetitive Properties of Nicotine R01-DA018114	NIH
Curto, Carina	Stimulus Representation and Spontaneous Activity in Recurrent Networks DMS-0920845	NSF
Forbes, Valery	Modeling Nanoparticle Toxicity: Principles, Methods, Novel Approaches 266712	EU 7th Framework
Forbes, Valery	Mechanistic Effect Models for Ecological Risk Assessment of Chemicals 238148	EU 7th Framework Initial Training Network
Forbes, Valery	The Reactivity and Toxicity of Engineered Nanoparticles: Risks to the Environment and Human Health CP FP 214478-2	EU 7th Framework
Green, Jordan	Bulbar Motor Deterioration in ALS R01-DC00989	NIDCD NIH
Green, Jordan	Effect of Food Structural Properties on Infants and Toddlers Mastication Abilities	Nestec, Ltd.
Green, Jordan	Biological Pathways in Childhood Speech and Language Impairment	Great Plains Health Research Consortium
Hansen, David	Identifying Risk for Preventing Child Maltreatment in Early Head Start Families 90YR005301	US DHHS
Hibbing, John	Investigate the Biological and Cognitive Correlates of Variations in Political Orientations BCS-08-26828	NSF Human and Social Dynamics Program
Hogan, Tiffany	Boys Town National Research Hospital Core Center for Communication Disorders P30 DC004662-11	NIH
Hogan, Tiffany	Working Memory and Word Learning in Children with Typical Development and Language Impairment R01-DC010784	NIH
Hogan, Tiffany	Co-Occurrence of Language and Attention Difficulties in Children R01-DC011023	NIH
Hogan, Tiffany	The Language Bases of Reading Comprehension R305F100002	Institute of Education Sciences Reading for Understanding Research Initiative
Hogan, Tiffany	Biological Pathways in Childhood Speech and Language Impairment	Great Plains Health Research Consortium
Hogan, Tiffany	Center for the Neural Basis of Motor Development and Rehabilitation	UNMC, Munroe-Meyer Institute
Hogan, Tiffany	The Lexicon and Phoneme Awareness R03-DC9667	NIH
Itskov, Vladimir	Topology of Neural Coding in Recurrent Networks: Theory and Data Analysis DMS-1122519	NSF
Li, Ming	Behavioral Mechanisms of Antipsychotic Action R01-MH085635	DHHS-Nat Inst Mental Health
Li, Ming	Gene Therapy Against Neurodegenerative Disorders Associated with Pesticide Exposure	UNL Life Sciences Competitive Grants
Molfese, Dennis	Robust Methods for Knowledge Representation, Data Mining and Integration 1R01-EB007684	NIH
Molfese, Victoria	Developmental Implications of Early Childhood Sleep 1R01-HD073202-01	NIH
Schutte, Anne	Fresh Air and Sunshine: The Science Underpinning the Benefits of Nature for Children's Development	IANR Strategic Investments Seed Grant Program

Name	Grant	Funding Agency
Schutte, Anne	Executive Function Development in Preschool Children 2R01-MH065668	NIH
Sheridan, Sue	National Center for Research on Rural Education R305C090022	US Department of Education IES; NCER National Research and Development Centers
Sheridan, Sue	A randomized Trial of Conjoint Behavioral Consultation (CBC) in Rural Educational Settings: Efficacy for Elementary Students with Disruptive Behavior R32A100115A	US Department of Education IES; NCSEER Goal 3 (Efficacy and Replication)
Sheridan, Sue	Development of a Three-Tiered Model in Early Intervention to Address Language and Literacy Needs of Children at Risk R324A090075A	US Department of Education IES; NCSEER Goal 2 (Development)
Sheridan, Sue	Postdoctoral Fellowship for Research on Consultation-based Interventions for Students with Social and Behavioral Concerns R305B080010	US Department of Education IES; NCER
Sheridan, Sue	Efficacy of the Getting Ready Intervention at Supporting Parental Engagement and Positive Outcomes for Preschool Children at Educational Risk R324A120153	US Department of Education IES; NCSEER Goal 3 (Efficacy and Replication)
Sheridan, Sue	A Meta-Analysis of Parent Involvement and Family-School Partnerships' Effects on Student Outcomes R305A120144	US Department of Education IES; NCER Goal 1 (Identification)
Smith, Kevin	Investigate the Biological and Cognitive Correlates of Variations in Political Orientations BCS-08-26829	NSF Human and Social Dynamics Program

TABLE 1: PROJECTED EXPENSES - NEW ORGANIZATIONAL UNIT

	(FY2013) Year 1		(FY2014) Year 2		(FY2015) Year 3		(FY2016) Year 4		(FY2017) Year 5		Total	
	FTE	Cost	FTE	Cost	FTE	Cost	FTE	Cost	FTE	Cost	FTE	Cost
Personnel												
Faculty ¹	4	\$467,427	5	\$572,449	5	\$589,623	5	\$607,312	5	\$625,531	5	\$2,862,342
Non-teaching staff: Professional ²	2	\$123,500	3	\$192,205	3	\$197,971	3	\$203,910	3	\$210,028	3	\$927,614
Graduate assistants	2	\$47,692	2	\$49,497	2	\$51,396	2	\$53,398	2	\$55,501	2	\$257,484
Non-teaching staff: support	2	\$46,600	2	\$116,248	2	\$119,735	2	\$123,328	2	\$127,027	2	\$532,938
Subtotal	10	\$685,219	12	\$930,399	12	\$958,725	12	\$987,948	12	\$1,018,087	12	\$4,580,378
Operating												
General Operating ³		\$292,994		\$387,300		\$421,547		\$472,964		\$520,675		\$2,095,480
Equipment ⁴		\$2,186,998		\$41,200		\$42,436		\$43,709		\$45,020		\$2,359,363
New or renovated space ⁵		\$24,247		\$0		\$0		\$0		\$0		\$24,247
Library/Information Resources ⁶		\$0		\$0		\$0		\$0		\$0		\$0
Other ⁷		\$160,000		\$100,000		\$0		\$0		\$0		\$260,000
Subtotal		\$2,664,239		\$528,500		\$463,983		\$516,673		\$565,695		\$4,739,090
Total Expenses	10	\$3,349,458	12	\$1,458,899	12	\$1,422,708	12	\$1,504,621	12	\$1,583,782	12	\$9,319,468

¹ Show the number of additional full-time equivalent faculty and related salary and fringe benefit expenditures needed to implement and maintain the unit..

² Show the number of additional full-time equivalent professional staff and related salary and fringe benefit expenditures needed to implement and maintain the unit.

³ Included in this category should be allowances for faculty development, laboratory supplies, travel, memberships, office supplies, communications, data processing, equipment maintenance, rentals, etc.

⁴ Show anticipated expenditures for the acquisition of new or upgrades or replacement of existing equipment necessary for the implementation and/or operation of the unit.

⁵ Identify the space for the proposed unit, if appropriate. Show projected expenditures for any facilities (general classroom, laboratory, office, etc.) that will be required. Include renovation of existing facilities and construction of new facilities.

⁶ Show anticipated expenditures for library materials or other informational resources directly attributable to the new unit.

⁷ Additional Other Expenses: Show other expenses not appropriate to another category.

NOTE: All items requiring explanation may be included on this page or in the proposal narrative.

TABLE 2: REVENUE SOURCES FOR PROJECTED EXPENSES - NEW ORGANIZATIONAL UNIT

	FY2013 Year 1	FY2014 Year 2	FY2015 Year 3	FY2016 Year 4	FY2016 Year 5	Total
Reallocation of Existing Funds ¹	\$432,427	\$318,040	\$327,581	\$242,148	\$249,413	\$1,569,608
Required New Public Funds ²	\$0	\$0	\$0	\$0	\$0	\$0
1. State Funds						\$0
2. Local Funds						\$0
Tuition and Fees ³	\$0	\$0	\$0	\$0	\$0	\$0
Other Funding ⁴						\$0
1. Sponsored Funding	\$250,000	\$750,000	\$1,000,000	\$1,100,000	\$1,200,000	\$4,300,000
2. NRI & Tobacco Funding	\$2,598,745	\$192,525	\$192,397	\$78,130	\$80,474	\$3,142,271
3. Core Facility User Fees	\$10,000	\$25,000	\$55,000	\$75,000	\$100,000	\$265,000
4. Scientific Journal	\$22,000	\$23,000	\$24,000	\$25,000	\$26,000	\$120,000
5. F&A Return to Center	\$6,625	\$19,875	\$26,500	\$29,150	\$31,800	\$113,950
Total Revenue ⁵	\$3,319,797	\$1,328,440	\$1,625,477	\$1,549,428	\$1,687,687	\$9,510,829

¹ Show the total amount of dollars the institution will reallocate from its budget to support this unit. Identify the source of funding and provide an explanation of the impact that the redistribution of funds and other resources will have on exiting programs or unit.

² This represents a requirement for additional public funds to support this unit. If additional state funds are required, this request will have to be included in the institution's budget request. Separately detail all sources for additional funds. For community colleges, this would include local tax funds.

³ Show additional tuition and fee revenues that will be used to support this unit.

⁴ Show the amount of external funding or donations which will become available each year to support this unit. Include a brief explanation of the nature of these resources including their specific source and the term of the commitment.

⁵ **Revenues are not expected to match expenses.**

NOTE: Where appropriate, show calculations and/or formulas that were used to project new revenue; e.g. number of new students projected multiplied by tuition and fees.

TO: The Board of Regents Addendum X-A-2
Academic Affairs

MEETING DATE: January 25, 2013

SUBJECT: Creation of the Post-Baccalaureate Professional Certificates in the College of Medicine and School of Allied Health Professions at the University of Nebraska Medical Center (UNMC) in six specialty areas: 1) Cardiovascular Interventional Technology (CVIT); 2) Computed Tomography (CT); 3) Magnetic Resonance Imaging (MRI); 4) Diagnostic Medical Sonography (DMS); 5) Nuclear Medicine Technology (NMT); and 6) Radiation Therapy (RT)

RECOMMENDED ACTION: Approval is requested to create the Post-Baccalaureate Professional Certificates in the College of Medicine and School of Allied Health Professions at UNMC in six specialty areas: 1) Cardiovascular Interventional Technology (CVIT); 2) Computed Tomography (CT); 3) Magnetic Resonance Imaging (MRI); 4) Diagnostic Medical Sonography (DMS); 5) Nuclear Medicine Technology (NMT); and 6) Radiation Therapy (RT)

PREVIOUS ACTION: None

EXPLANATION: The proposed Post-Baccalaureate Professional Certificates in: 1) Cardiovascular Interventional Technology (CVIT); 2) Computed Tomography (CT); 3) Magnetic Resonance Imaging (MRI); 4) Diagnostic Medical Sonography (DMS); 5) Nuclear Medicine Technology (NMT); and 6) Radiation Therapy (RT) will benefit UNMC students by providing an additional academic credential, and by improving available options for financial aid.

There is no anticipated change in enrollment or credit hour requirements relative to the current programs; tuition and fees generated should remain relatively constant, and faculty and staff resources should be unchanged.

The proposal has been reviewed by the Council of Academic Officers.

PROJECT COST: No new costs

SPONSORS: H. Dele Davies, Dean for Graduate Studies
Vice Chancellor for Academic Affairs

Harold Maurer, Chancellor
University of Nebraska Medical Center

RECOMMENDED: Susan M. Fritz
Interim Executive Vice President and Provost

DATE: December 19, 2012

University of Nebraska Medical Center
College of Medicine
School of Allied Health Professions

Post-Baccalaureate Professional Certificate Proposal

October 2012

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Brief Description:

The University of Nebraska Medical Center (UNMC), College of Medicine (COM) School of Allied Health Professions (SAHP) seeks to offer Post-Baccalaureate Professional Certificates as a cost-effective and efficient option for individuals who have a baccalaureate degree in radiography to advance their education. The SAHP proposes to offer Post-Baccalaureate Professional Certificates in six specialty areas:

- I. Cardiovascular Interventional Technology (CVIT)
- II. Computed Tomography (CT)
- III. Magnetic Resonance Imaging (MRI)
- IV. Diagnostic Medical Sonography (DMS)
- V. Nuclear Medicine Technology (NMT)
- VI. Radiation Therapy (RTT)

The curricula in these specialty areas are already being offered to students who have successfully completed an entry-level program in radiography, passed the American Registry of Radiologic Technologists (ARRT) board examination and received national certification as radiographers. Individuals who meet those criteria are eligible to enter the competitive application process for these specialty programs. This configuration works well for applicants from non-baccalaureate (associate degree or certificate) radiography programs, who upon completion of a specialty program are awarded a BS in Radiation Sciences Technology Education. **But for applicants who have completed a BS program in radiography (most of whom are UNMC graduates) the current specialty program configuration results in two significant disadvantages:**

- 1) While the successful completion of one of these specialty programs allows them to be certified in that specialty, it does not provide them with any additional academic credential, and
- 2) Once potential students for these programs have earned a baccalaureate degree, they are no longer eligible for federal student grant aid.

Furthermore, this option requires students to complete well over the University of Nebraska 120 credit hour limit for a BS degree that went into effect in August of 2012, and thus would require these programs to apply for an exception to that rule.

Currently, for UNMC radiography students who are in the process of completing the program and plan to apply for a specialty program, a work-around has been developed in order to allow them to remain eligible for undergraduate financial aid, including PELL grants and federally subsidized loans. These individuals are advised by RSTE faculty to defer applying for their BS degree until the completion of the specialty program the following year. This allows them to remain eligible for financial aid and to receive a BS in Radiation Sciences Technology Education upon successful completion of the specialty program. However, they do not currently receive any additional academic credential for completing these competitive and rigorous specialty programs.

In addition to alleviating the drawbacks of the current RSTE program configuration, there is much to be gained by moving these programs to the post-baccalaureate professional certificate level. Specifically, **by offering post-baccalaureate professional certificates in these six specialty areas, we will achieve at least three tangible, positive outcomes:**

- 1) This change will keep the SAHP Radiography program in compliance with recent changes in specialized accreditation criteria. Beginning in 2015, the AART (the specialized accrediting agency for radiography education programs) will require that all radiography program graduates have been awarded a degree in order to sit for the certification examination. This new requirement means that the work-around currently being used by UNMC radiography students (delaying application for a BS degree until completion of the specialty program) will no longer be viable.
- 2) Students entering the specialty programs with a baccalaureate degree will be eligible for federally guaranteed student loans; currently, these students can only access private loans at higher interest rates.
- 3) Students entering a specialty program with a baccalaureate degree will receive an academic credential that signifies their competence in a specialty area of the radiation sciences and is commensurate with the academic requirements of the program. This will benefit students in the UNMC radiography program who wish to go directly into a specialty program, as well as past graduates of the UNMC or other baccalaureate radiography programs who are currently practicing and wish to return for specialty training.

I. Descriptive Information

Name of the institution proposing the programs:

The University of Nebraska Medical Center (UNMC)

The name of the program (major) proposed:

Post-Baccalaureate Professional Certificate in:

- I. Cardiovascular Interventional Technology (CVIT)
- II. Computed Tomography(CT)
- III. Magnetic Resonance Imaging (MRI)
- IV. Diagnostic Medical Sonography (DMS)
- V. Nuclear Medicine Technology (NMT)
- VI. Radiation Therapy (RTT)

Degrees/credentials to be awarded graduates of the program:

Post-Baccalaureate Professional Certificate in:

- I. Cardiovascular Interventional Technology (CVIT)
- II. Computed Tomography(CT)
- III. Magnetic Resonance Imaging (MRI)
- IV. Diagnostic Medical Sonography (DMS)
- V. Nuclear Medicine Technology (NMT)
- VI. Radiation Therapy (RTT)

Other approved programs offered in this field by the institution:

Cytotechnology: This 12 month, 32 credit hour program leads to a Post-Baccalaureate Professional Certificate in Cytotechnology and eligibility for national certification from the American Society for Clinical Pathology (ASCP).

Medical Nutrition Education: This 11 month, 20 credit hour leads to a Post-Baccalaureate Professional Certificate in Medical Nutrition-Dietetic Internship. Graduates are eligible to take the national registration examination to achieve certification as Registered Dietitians through the Commission on Dietetic Registration, the credentialing agency for the Academy of Nutrition and Dietetics.

CIP Codes:

51.0901:	Cardiovascular Interventional Technology (CVIT)
51.0911:	Computed Tomography(CT)
51.0920:	Magnetic Resonance Imaging (MRI)
51.0910:	Diagnostic Medical Sonography (DMS)
51.0905:	Nuclear Medicine Technology (NMT)
51.0907:	Radiation Therapy (RTT)

CIP (Certificate of Instructional Program) codes obtained from:

<http://nces.ed.gov/ipeds/cipcode/cipdetail.aspx?y=55&cipid=88742> accessed 9/24/2012

Administrative unit for the program:

College of Medicine (COM)
School of Allied Health Professions (SAHP)
Division of Radiation Science Technology Education (RSTE)

Proposed delivery site(s) and type(s) of delivery

The curricula for these programs will be delivered on the UNMC campus and at affiliate sites in Scottsbluff, Grand Island and Columbus, Nebraska. Didactic portions of the curricula will include lectures given on the UNMC campus in Omaha and delivered to affiliate sites via synchronous or asynchronous distance education technology, as well as online coursework delivered via the Blackboard course delivery system. Clinical education components of the curricula will take place at numerous clinical affiliate sites in the Omaha/Lincoln area as well as throughout the state. With the funding of the Building a Healthier Nebraska Initiative and the planned expansion of the SAHP to the University of Nebraska at Kearney (UNK), there are future plans for these programs to have students based on the UNK campus as well.

Date approved by governing board

Chief Academic Officers _____
Board of Regents _____

Proposed date (term/year) the program will be initiated

Pending necessary approvals, these programs could be initiated in the Fall semester of 2013.

Description, including credit hours and other requirements (program of study) and purpose of the proposed program.

The courses included in each program of study are detailed below. Programs of study vary from 26 to 45 credit hours over the course of 2 or 3 full semesters. **All of these programs require a high level of knowledge and skill, and include both didactic and clinical coursework. The relatively high number of credit hours required by some of these programs reflects recent technical advances affecting the depth and breadth of the curricula, professional credentialing requirements including demonstration of clinical competency and success on credentialing examinations, and requirements of the various specialized accreditation agencies.**

The primary purpose of these programs is to provide an efficient route to high-quality, professional education that will certify the graduates to practice in radiography and at least one other practice area of the radiation sciences. The resultant certification to practice in multiple disciplines of the radiation sciences is especially needed in rural areas, where facilities may not have sufficient patient volume to justify hiring a full time specialist in, for example, DMS, but could benefit from hiring a radiographer who is also capable of also taking on the role of a sonographer.

The post-baccalaureate professional certificate programs will utilize courses already offered in our secondary certification programs. Course requirements for each program follow:

Cardiovascular Interventional Technology (CVIT)

Fall Semester (First Semester)

<u>Course #</u>	<u>Course Title</u>	<u>Credit Hours</u>
RSTE 457R	Cardiovascular Interventional Technology I	3
RSTE 473R	Applied Cardiovascular Interventional Technology I (6-10)	8
SAHP 430	Scanning the Health Care Environment	1
TOTAL SEMESTER HOURS for FALL SEMESTER		12

Spring Semester (Second Semester)

RSTE 438N	Advanced Radiation Biology	3
RSTE 458R	Cardiovascular Interventional Technology II	3
RSTE 474R	Applied Cardiovascular Interventional Technology II (6-10)	6
SAHP 431	Management in Health Care	2
TOTAL SEMESTER HOURS for SPRING SEMESTER		14

Summer Semester (Third Semester)

RSTE 475	Applied Cardiovascular Interventional Technology III	6
TOTAL SEMESTER HOURS for SUMMER SEMESTER		6
TOTAL CVIT CURRICULUM HRS		32

Computed Tomography (CT)

Fall Semester (First Semester)

<u>Course #</u>	<u>Course Title</u>	<u>Credit Hours</u>
RSTE 421R	Positioning & Protocols I	2
RSTE 411R	Anatomy & Pathology I	4
RSTE 431R	Clinical Rotations I	4
RSTE 420T	Instrumentation & Physics	2
TOTAL SEMESTER HOURS for FALL SEMESTER		12

Spring Semester (Second Semester)

RSTE 422R	Positioning & Protocols II	2
RSTE 412R	Anatomy & Pathology II	4
RSTE 438N	Advanced Radiation Biology	2
RSTE 433R	Clinical Rotations II	4
RSTE 450R	Capstone Course	2
TOTAL SEMESTER HOURS for SPRING SEMESTER		14
TOTAL CT CURRICULUM HRS		26

Magnetic Resonance Imaging (MRI)

Fall Semester (First Semester)

<u>Course #</u>	<u>Course Title</u>	<u>Credit Hours</u>
RSTE 425R	Positioning & Protocols I	2
RSTE 411R	Anatomy & Pathology I	4
RSTE 431R	Clinical Rotations I	4
RSTE 419R	Introduction to MRI	2
TOTAL SEMESTER HOURS for FALL SEMESTER		12

Spring Semester (Second Semester)

RSTE 441R	Positioning & Protocols II	2
RSTE 412R	Anatomy & Pathology II	4
RSTE 438N	Advanced Radiation Biology	2
RSTE 433R	Clinical Rotations II	4
RSTE 420R	MRI Physics	2
RSTE 450R	Capstone Course	2
TOTAL SEMESTER HOURS for SPRING SEMESTER		16
TOTAL MRI CURRICULUM HRS		28

Diagnostic Medical Sonography (DMS)

Fall Semester (First Semester)

<u>Course #</u>	<u>Course Title</u>	<u>Credit Hours</u>
RSTE 312S	Applied Ultrasound Technology I	4
RSTE 314S	Diagnostic Film Review I	2
RSTE 331S	Obstetrical Conference I	1
RSTE 332S	Gastrointestinal Ultrasound	3
RSTE 401S	Ultrasound Physics I	1
RSTE 415S	Orientation to DMS	2
TOTAL SEMESTER HOURS for FALL SEMESTER		13

Spring Semester (Second Semester)

RSTE 402S	Applied Ultrasound Technology II	5
RSTE 403S	Diagnostic Film Review II	2
RSTE 405S	Obstetrical Conference II	1
RSTE 407S	Advanced Obstetrical Ultrasound	2
RSTE 408S	Gynecological Ultrasound	1
RSTE 409S	Genitourinary Ultrasound	1
RSTE 419S	Professional Projects I	2
RSTE 451S	Ultrasound Physics II	1
TOTAL SEMESTER HOURS for SPRING SEMESTER		15

Summer Semester (Third Semester)

RSTE 421S	Professional Projects II	1
RSTE 452S	Applied Ultrasound Technology III	5
RSTE 453S	Obstetrical Conference III	1
RSTE 454S	Diagnostic Film Review III	2
RSTE 455S	High Resolution Sonography	1
RSTE 456S	Neurosonography	2
TOTAL SEMESTER HOURS for SUMMER SEMESTER		12
TOTAL DMS CURRICULUM HOURS		40

Justification for required credit hours: The UNMC Diagnostic Medical Sonography program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon the recommendation of the Joint Review Committee for Diagnostic Medical Sonography. This 12-month, 3-semester program meets the accreditation requirements by including 26 credit hours of didactic coursework and 18 credit hours of clinical coursework needed to allow students to perform a sufficient number of procedures to develop proficient clinical skills.

Nuclear Medicine Technology (NMT)

Fall Semester (First Semester)

<u>Course #</u>	<u>Course Title</u>	<u>Credit Hours</u>
RSTE 410R	Sectional Anatomy & Pathology I	4
RSTE 412N	Clinical Procedures & Diagnosis I	3
RSTE 414N	Instrumentation I	2
RSTE 415N	Radiopharmacy I	2
RSTE 421N	Applied Nuclear Medicine Technology I	3
RSTE 430N	Nuclear Medicine Professional Projects I	1
RSTE 464N	Independent Studies (Physics)	1
SAHP 430	Scanning the Health Care Environment	1
TOTAL SEMESTER HOURS for FALL SEMESTER		17

Spring Semester (Second Semester)

RSTE 411R	Sectional Anatomy & Pathology II	4
RSTE 418N	Radiopharmacy II	1
RSTE 422N	Clinical Procedures & Diagnosis II	3
RSTE 423N	Instrumentation II	2
RSTE 424N	Applied Nuclear Medicine Technology II	3
RSTE 431N	Nuclear Medicine Professional Projects II	1
RSTE 438N	Advanced Radiation Biology	3
SAHP 431	Management in Health Care	2
TOTAL SEMESTER HOURS for SPRING SEMESTER		19

Summer Semester (Third Semester)

RSTE 425N	Applied Nuclear Medicine Technology III	8
RSTE 432N	Nuclear Medicine Professional Projects III	1
RSTE TBD	Positron Emission Tomography	1
TOTAL SEMESTER HOURS for SUMMER SEMESTER		10

TOTAL NMT CURRICULUM HOURS **46**

Justification for required credit hours: The UNMC Nuclear Medicine Technology program meets the accreditation standards of the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT). In 2010, major changes in those standards were made in response to advances in the profession such as the use of computed tomography (CT) in nuclear medicine, advances in Positron Emission Tomography (PET) imaging (a sub-specialty of NMT) and the use of advanced radiopharmaceuticals in NMT, all of which contributed to a need for increased breadth and depth of the curriculum.

Radiation Therapy (RT)

Fall Semester (First Semester)

<u>Course #</u>	<u>Course Title</u>	<u>Credit Hours</u>
RSTE 405T	Orientation to Radiation Therapy	1
RSTE 408T	Radiation Therapy Physics	2
RSTE 414T	Sectional Anatomy & Pathology I	2

RSTE 424T	Clinical Oncology I	2
RSTE 428T	Principles and Practice of Radiation Therapy	2
RSTE 430T	Patient Care	1
RSTE 436T	Applied Radiation Therapy I	3
TOTAL SEMESTER HOURS for FALL SEMESTER		13

Spring Semester (Second Semester)

RSTE 415T	Sectional Anatomy & Pathology II	2
RSTE 425T	Clinical Oncology II	2
RSTE 435T	Treatment Planning & Delivery	3
RSTE 438N	Advanced Radiation Biology	3
RSTE 439T	Applied Radiation Therapy II	3
SAHP 431	Management in Health Care	2
TOTAL SEMESTER HOURS for SPRING SEMESTER		15

Summer Semester (Third Semester)

RSTE 442T	Professional Project	3
RSTE 443T	Applied Radiation Therapy III	6
RSTE 444T	Operational Issues in Oncology	2
RSTE 445T	Comprehensive Seminar and Board Review	2
TOTAL SEMESTER HOURS for SUMMER SEMESTER		13

TOTAL RADIATION THERAPY CURRICULUM HOURS 41

Justification for required credit hours:

The UNMC Radiation Therapy program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). In order to maintain this accreditation, programs must follow guidelines for both the didactic curriculum and for competency-based, clinical requirements, thus leading to curricula with relatively high numbers of credit hours. The extent of the competency-based clinical requirements for radiation therapy students reflects the paramount concern for the safety of patients who will be receiving treatment from program graduates.

II. Review Criteria

A. Centrality to Role and Mission

The School of Allied Health Professions Post-Baccalaureate Professional Certificate in the six specialty areas listed above will align well with the mission of UNMC, which is to “improve the health of Nebraska through premier educational programs, innovative research, the highest quality patient care, and outreach to underserved populations.”

The Post-Baccalaureate Professional Certificate also aligns with Goal 1 in the *UNMC Strategic Plan 2011-2014*, which includes to “Address work force shortages. . .” The mission, commitment, and capability of the University of Nebraska is uniquely situated to address one of the state’s most critical issues: a large and growing shortage of skilled health professionals, especially in rural areas of the state.

B. Evidence of Need and Demand

1. Need for the program in the institution, the community, the region, the state, or the nation.

These Post-Baccalaureate Professional Certificate programs will provide students in the UNMC radiography program an efficient and affordable path to a BS degree and dual certification in radiography and a specialty area, including an appropriate, additional educational credential for that specialty. Graduates with dual certification will benefit the state, particularly with respect to rural areas where the graduate’s specialty area may not otherwise be available. In addition, we anticipate increased demand from practicing BS-educated radiographers who wish to add certification in an additional radiation science modality.

2. Demand for the program – the extent of student interest in the proposed program.

Student demand for the relevant secondary certification curricula in the recent past has generally been strong, and the career outlook through 2020 for graduates of the proposed certificate programs is excellent.

Enrollment data for the past 3 years in the relevant secondary certification curricula are shown in the table below:

	CT/MRI	CVIT	DMS	NMT	RT
2012-2013	5	1	8	5	6
2011-2012	6	NA	8	1	8
2010-2011	8	NA	7	2	6

(Notes: CT and MRI curricula were previously combined; the CVIT curriculum was first offered in 2012-13).

The US Department of Labor projects that employment opportunities in the radiation science specialities are expected to increase by 14-40% through 2020. Specifically by speciality area this includes Nuclear Medicine 14%, Radiation Therapy 20%, Radiologic Technology (includes CT and MRI in addition to radiography) 28%, Cardiovascular Interventional Technology 29% and Diagnostic Medical Sonography 40%. In the past 5 five years, graduates of secondary certification programs in RSTE at UNMC report a 95-100% job placement rate at 6 months post-graduation.

(US Department of Labor statistics accessed 9/25/2012 at:
<http://www.bls.gov/ooh/healthcare/home.htm>)

C. Adequacy of Resources

1. *Faculty and Staff*

The current staffing levels are adequate to support the programs. There will be no significant increase in teaching loads because the required classes for the certificate programs are already offered during the existing academic schedule. The requested change to Post-Baccalaureate Professional Certificate programs is primarily an administrative change needed to satisfy new specialized accreditation criteria, to provide students with academic credentials congruent with the program requirements.

2. *Physical Facilities*

The Radiation Science programs have access to excellent physical facilities on the UNMC campus. Faculty offices are located in a 5th floor suite in the recently remodeled Bennett Hall. These offices are conducive to planning, scholarly activities, and student counseling. Didactic classes are primarily held in the state-of-the-art classrooms in the Michael Sorrell Center for Health Science Education, which also provides ample student interaction space, computer clusters and food service. Classrooms in the Sorrell Center are equipped with all necessary technology for providing synchronous and asynchronous distance education to students in affiliate sites in Grand Island, Columbus and Scotts Bluff, Nebraska.

3. *Instructional Equipment and Information Resources*

As an Academic Health Science Center, UNMC offers many educational opportunities and advantages for Radiation Sciences students. Students have access to the McGogon Library of Medicine which, in addition to resources physically located on campus, has over 5,500 full-text, online journals and over 150 on-line textbooks. There is wireless access throughout the library and many networked computer stations for student use. In addition, the library provides service to students including how to search for literature, locate articles and books, search the internet, note copyright restrictions, cite sources, and avoid plagiarism. All UNMC students have complete access to library and other online resources whether on or off of the UNMC campus.

UNMC uses the Blackboard course management and online delivery platform. This allows Radiation Science students quick and easy on-line access to all course material, assignments and grades, both on and off campus. The UNMC campus has a number of computer clusters, with varied operation times for students to access. Students at affiliate sites have the same degree of access to all electronic resources as do students matriculating on the main UNMC campus in Omaha.

Interdisciplinary activities are encouraged and supported by UNMC administration and all colleges and schools on campus. Radiation Science students regularly interact with other health professions students in Allied Health, Medicine, Pharmacy, Public

Health, and Nursing. Leadership and governance opportunities are available for students in the Division of Radiation Science Technology Education, the School of Allied Health Professions, and at the University level.

The programs' clinical education settings provide students with adequate, supervised opportunities to learn the procedures of their discipline and to complete the competencies required for compliance with program specific accreditation criteria and for appropriate specialization credentialing. The programs maintain active affiliation agreements with all clinical affiliate sites and procedures are in place to assure ongoing communication regarding students' goals and progress.

Many of the students' clinical experiences are provided at UNMC's hospital partner, The Nebraska Medical Center, a 689 bed tertiary care facility with extensive clinical facilities in each of the radiation sciences specialties. Of particular benefit to Radiation Science students, the Interventional Radiology (IR) department at UNMC is the largest in the state of Nebraska and one of the largest IR departments in the region, providing the complete range of minimally invasive diagnostic and therapeutic procedures. In addition to The Nebraska Medical Center, RSTE students affiliate at numerous other facilities in the Omaha/Lincoln area and at the affiliate sites in and near Scottsbluff, Grand Island and Columbus, Nebraska.

4. Budget Projections for the first five years of the program

As outlined above in the "Brief Description" section of this document, **the requested approval of these Post-Baccalaureate Professional Certificates is strictly an administrative change, and thus is budget neutral.** This change will benefit the University by assuring that all RSTE programs remain in compliance with specialized accreditation criteria and with the new University policy regarding credit hour requirements for baccalaureate programs. At the same time, the requested change will benefit students (primarily current students and graduates of the UNMC baccalaureate program in Radiography) by providing an appropriate, additional academic credential, and by improving available options for financial aid.

The requested changes are revenue neutral because the Division of Radiation Science Technology Education has already been offering these fully-accredited curricula. As such, there is no anticipated change in enrollment or credit hour requirements relative to the current programs, so tuition and fees generated for the University should remain relatively constant, and the extent of faculty and staff resources required for the programs should be unchanged.

D. Avoidance of Unnecessary Duplication

The School of Allied Health Professions offers the only professional program leading to the BS degree in Radiation Science Technology Education in the University of Nebraska system, and is one of only a few radiography programs in the state of Nebraska that award a BS degree. There are no other programs similar to the requested Post-Baccalaureate Professional Certificates in the Radiation Sciences in the state of Nebraska.

E. Consistency with the Comprehensive Statewide Plan for Postsecondary Education

Providing Post-Baccalaureate Professional Certificate programs in these six specialty areas is consistent with the Comprehensive Statewide Plan for Postsecondary Education in terms of meeting the needs of both the student and the state.

Each of these programs will meet the needs of the student by giving graduates “the skills and knowledge needed to succeed” in their chosen field in a cost-effective manner while providing appropriate academic credentials and the ability to attain additional professional certification. These programs will also meet the needs of the state by responding to the “workforce development and ongoing training needs of employers and industries to sustain a knowledgeable, trained and skilled workforce in both rural and urban areas of the state.” The dual certification provided by these programs is especially needed in rural areas. For example, in a rural critical access hospital, a single practitioner certified in both radiography and a specialty area such as MRI would be able to provide services that might otherwise be unavailable because hiring of a full-time MRI technician would be financially infeasible. In addition to enrolling students upon completion of a BS from the UNMC radiography program, these certificate programs will enable currently practicing, BS-educated radiographers from throughout the state and region to attain an additional specialty certification in a year or less, at a reasonable cost, and with the opportunity to do so through attendance at affiliate sites in rural Nebraska.

TABLE 1: PROJECTED EXPENSES - NEW INSTRUCTIONAL PROGRAM ¹
Post-Baccalaureate Professional Certificate Program

	(FY14) Year 1		(FY15) Year 2		(FY16) Year 3		(FY17) Year 4		(FY18) Year 5		Total	
	FTE	Cost	FTE	Cost	FTE	Cost	FTE	Cost	FTE	Cost	FTE	Cost
Personnel												
Faculty											0	\$0
Professional											0	\$0
Graduate assistants											0	\$0
Support staff											0	\$0
Subtotal	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Operating												
General Operating												\$0
Equipment												\$0
New or renovated space												\$0
Library/Information Resources												\$0
Other												\$0
Subtotal		\$0		\$0		\$0		\$0		\$0		\$0
Total Expenses	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00

¹ The requested approval of these post-baccalaureate professional certificates is strictly an administrative change, and thus is budget neutral.

TABLE 2: REVENUE SOURCES FOR PROJECTED EXPENSES - NEW INSTRUCTIONAL PROGRAM ¹

Post-Baccalaureate Professional Certificate Program

	FY14 Year 1	FY15 Year 2	FY16 Year 3	FY17 Year 4	FY18 Year 5	Total
Reallocation of Existing Funds						\$0
Required New Public Funds						\$0
1. State Funds						\$0
2. Local Tax Funds (community colleges)						\$0
Tuition and Fees						\$0
Other Funding						\$0
1						\$0
2						\$0
3						\$0
Total Revenue	\$0	\$0	\$0	\$0	\$0	\$0

¹ The requested approval of these post-baccalaureate professional certificates is strictly an administrative change, and thus is budget neutral.

TO: The Board of Regents Addendum X-A-3
Academic Affairs

MEETING DATE: January 25, 2013

SUBJECT: Creation of the Joint Master of Science (MS)/Doctor of Philosophy (PhD) in Biomedical Informatics at the University of Nebraska at Omaha (UNO) and the University of Nebraska Medical Center (UNMC)

RECOMMENDED ACTION: Approval is requested to create a joint MS/PhD in Biomedical Informatics at UNO and UNMC

PREVIOUS ACTION: January 22, 2012 – The Board approved the creation of the School of Interdisciplinary Informatics at UNO

EXPLANATION: The proposed joint MS/PhD program in Biomedical Informatics (MS & PhD in BMI) is a multidisciplinary, interprofessional program integrating information technology management, computer science, decision support systems, and applied computing with clinical science, biological science, bio-imaging, and public health as described by the American Medical Informatics Association (AMIA) Academic Forum. The program responds to the urgent need for specialists who can effectively use “biomedical data, information, and knowledge for scientific inquiry, problem solving and decision making, motivated by efforts to improve human health.” This program capitalizes on the programs in bioinformatics and health informatics that are already offered at UNO and UNMC.

The program will be structured as a “joint program” to allow students to either graduate with an MS in BMI degree with an area of concentration/specialization or continue on to pursue the degree of PhD in BMI. Students will apply for the MS/PhD program on either the UNO or UNMC campus. A “Joint BMI Graduate Program Coordination Committee” with membership from each campus will oversee the program.

The proposal has been reviewed by the Council of Academic Officers and has been approved by the NU Executive Graduate Council.

PROJECT COST: UNO: \$107,196
UNMC: \$87,943

SOURCE OF FUNDS: UNO: Reallocation of existing funds, tuition/fees, and grants.
UNMC: Reallocation of existing funds and tuition/fees.

SPONSORS: B.J. Reed,
Senior Vice Chancellor for Academic and Student Affairs
University of Nebraska at Omaha

H. Dele Davies, Dean for Graduate Studies
Vice Chancellor for Academic Affairs
University of Nebraska Medical Center

John Christensen, Chancellor
University of Nebraska Omaha

Harold Maurer, Chancellor
University of Nebraska Medical Center

RECOMMENDED:

Susan M. Fritz
Interim Executive Vice President and Provost
Interim Dean of the Graduate College

DATE:

December 19, 2012

A PROPOSAL FOR A NEW JOINT GRADUATE PROGRAM

MS/PhD in Biomedical Informatics (BMI)

Within

The Graduate College

University of Nebraska

Proposed Date of the Program: Spring 2013

DEGREE PROPOSAL

BIOMEDICAL INFORMATICS

University of Nebraska at Omaha

University of Nebraska Medical Center

Descriptive Information

Name of the institutions proposing the program:

University of Nebraska at Omaha and University of Nebraska Medical Center

Name of the program (major) proposed: Biomedical Informatics (BMI)

Degrees/credentials to be awarded graduates of the program: MS, PhD

Other programs offered in this field by this institution (to be rolled into this program):

MS/PhD Medical Sciences Interdepartmental Area (MSIA) with a Biomedical Informatics Concentration (UNMC)

MS/PhD in Pathology/Microbiology (Bioinformatics track) (UNMC)

MS in Computer Science (Bioinformatics track) (UNO)

PhD in Information Technology (IT) with a Bioinformatics specialization (UNO)

MS in Management Information Systems (MIS) (Health Informatics Concentration) (UNO)

CIP code:

11.0104 – Informatics (see also 52.2706 – Medical Informatics, 26.1103 – Bioinformatics)

Administrative units for the program:

UNO Graduate Studies and UNMC Graduate Studies

Site: UNO, UNMC

Type: Lecture, Laboratory, Seminar, Dissertation

Date approved by governing board: TBD

Proposed date (term/year) the program will be initiated: Spring 2013

1) Description and Purpose of the Proposed Program

The proposed joint MS/PhD program in Biomedical Informatics (MS & PhD in BMI) is a multidisciplinary, interprofessional program integrating the theory and practice of information technology management, computer science, decision support systems, and applied computing with clinical science, biological science, bio-imaging, and public health as described by the American Medical Informatics Association (AMIA) Academic Forum¹. The program responds to the urgent and growing need for a new kind of specialist who can study and pursue “the effective uses of biomedical data, information, and knowledge for scientific inquiry, problem solving and decision making, motivated by efforts to improve human health.”² This program will bring together the current education programs in the fields of bioinformatics and health informatics that are already being collaboratively pursued by the sponsoring institutions at the University of Nebraska³. The BMI degree program is the equivalent of similar degrees at other institutions across the country.

1 The AMIA Academic Forum has published informatics competencies on their web site at <http://www.amia.org/biomedical-informatics-core-competencies>; accessed 11/12/2011; confirmed 6/1/12

2 ibid

3 MS/PhD MSIA with a Biomedical Informatics Concentration (UNMC)

The vision of this program is to develop the next generation biomedical specialists who are uniquely positioned to advance research and practice in contemporary information and knowledge management that impact biomedical, clinical and translational research, healthcare services, healthcare practice, public health care, and healthcare delivery in general. Graduates will be able to use their preparation to apply and investigate information and communication technologies to solve problems in the related biomedical fields in a comprehensive, competitive and effective way.

The program is designed as a research-oriented program with the goals of preparing graduate students to conduct advanced basic and applied research while capably serving as prospective employees in academic research as well as the IT healthcare industry. The program is geared towards motivated, traditional students and technology specialists with the appropriate educational background that are ready to expand their knowledge of contemporary Biomedical Informatics issues and become biomedical informaticians in academic, clinical, and organizational settings.

The proposal describes a unique program combining and extending previous efforts and current education offerings in this area and does not duplicate existing instructional programs within the University of Nebraska. The uniqueness of the program is the fact that it utilizes intercampus and multidisciplinary approaches in which prospective students can obtain a broad-based background and specialize in one of the rapidly expanding areas in the field of Biomedical Informatics.

The program will be structured as a “joint program” as specified in the *2012 University of Nebraska Graduate College Policy Handbook* (page 42; available at: <http://nebraska.edu/docs/board/gradgovdoc.pdf>) to allow students to either graduate with an MS in BMI degree with a specific area of concentration/specialization or continue on to pursue the degree of PhD in BMI. Students will apply for the MS/PhD program on either the UNO or UNMC campus. A “Joint BMI Graduate Program Coordination Committee” with membership from each campus (appointed by UNMC/UNO Graduate Deans) will be responsible for coordinating overall strategy, formulating common policies and establishing general requirements for the program. Admission into the program and management/monitoring of student progress will be carried out by campus-based BMI Graduate Program Committees.

The BMI graduate program consists of a common required foundation, research seminars and colloquia, a major field of study (track at UNMC), and a minor field of study or cognate area of study (any related field of study for which a graduate degree is offered on either campus). Students interested in obtaining an MS in BMI will complete their degree requirements with a minimum of 36 credit hours. Prior credit may be used towards waiving some of the requirements for the MS and PhD in BMI degrees at the recommendation of the Supervisory Committee. This determination will be made by the appropriate campus-based Graduate Committee or its designee. Students will complete the Master’s portion of the program in accordance with the graduate studies bulletin requirements. As with most graduate programs, the specific program plan pursued by a student will be highly personalized in terms of course work and research training depending on their interests and interactions with faculty advisors.

MS/PhD in Pathology/Microbiology (Bioinformatics track) (UNMC)
MS in Computer Science (Bioinformatics track) (UNO)
PhD in IT (Bioinformatics specialization) (UNO)
MS in MIS (Health Informatics Concentration)

The MS and PhD program will fulfill the requirements specified by the Joint BMI Graduate Program Coordination Committee and the campus-based BMI Graduate Program Committee, as well as the general requirements of the Graduate College.

Program of Study

a) Program Philosophy

The proposed joint MS/PhD program in Biomedical Informatics (MS in BMI and PhD in BMI) is a multidisciplinary, interprofessional program that integrates the theory and practice of information technology management, computer science, telecommunications, decision support systems, applied computing with medical science, biological sciences, bio-imaging, and public health. The vision of this program is to develop the next generation biomedical specialists who are uniquely positioned to advance research and practice in contemporary information and communication technologies that impact healthcare services, healthcare practice, public health care, and healthcare delivery in general.

b) Program Structure

The proposed program follows the University of Nebraska Graduate College Joint Program Definition. Jointly administered by UNMC and UNO, the program combines the existing UNMC/UNO Health Informatics Program (Master of Science in Information Assurance) with the existing Pathology and Microbiology Department Masters and PhD specialty track in Bioinformatics and UNO's College of Information Science and Technology (CIST) MS in Management Information Systems program Health Informatics specialization. Students in existing programs will be given the option to switch to the new degree program. Once existing students graduate or transfer from these programs, the programs will be terminated in favor of the new BMI program.

Whether a student pursues the MS in BMI or PhD in BMI program, they will take a common set of core and major field (track) of study courses and conduct research work in the following **broad thematic areas (Tracks at UNMC, Majors at UNO):**

- Bioinformatics
- Health Informatics (including public health informatics)

Additional areas of interest that may be included in the overall program structure in the future may include: Biomedical Imaging Informatics (Bio-imaging and Digital Pathology), and Mathematical Biology. Students may enter the Masters and/or Doctoral programs on either the UNO or UNMC campus. As with most graduate programs, the specific program plans pursued by students will be highly personalized in terms of course work and research training depending upon their interests and interactions with faculty advisors/mentors.

MS in BMI

The MS in BMI program will be a minimum of 36 credit hours beyond a baccalaureate degree and consist of common required core competencies in biomedical sciences, research, computing, and informatics of 18 hours, 12 hours of track related electives, and a 6 credit hour thesis conducted on a problem from the student's thematic area. The graduate thesis will consist of an original work of research, design, or development in the student's field of interest. In extenuating

circumstances students not interested in doing a thesis can take 6 credit hours of additional course work and pass a written comprehensive exam if approved by the student's Graduate Program Committee.

Masters students must show either competency, transfer credit or take courses in biomedical sciences (3 credits), biostatistics (3 credits), computing (6 credits), informatics (6 credits) plus a seminar. They then take 12 credit hours of electives and 6 credit hours of thesis work.

PhD in BMI

The PhD in BMI program will typically require 90 credit hours beyond a baccalaureate degree and consist of a common required foundation/core courses to include doctoral seminars and colloquia, a major field (track at UNMC) of study, and a minor field of study in a related discipline. Students who wish to become candidates for advanced degrees must fulfill the general requirements of the NU Graduate College and those of the Joint BMI Graduate Program Coordination Committee and their campus-based BMI Graduate Program Committee.

The doctoral seminars and colloquia in the program will cover topics such as research foundations, bioethics, overview of BMI research, technical and process issues in Informatics, behavioral and organizational issues in Informatics and pedagogical issues in BMI. The major field of study areas (Tracks) will mirror the core themes allowing doctoral students to develop in-depth knowledge and expertise in various BMI specialties ranging from computational techniques to clinical systems architecture and systems. Candidates will also be required to take classes in a cognate area (any field for which a graduate degree is offered on either campus) that is different but supportive of the major area of study.

The doctoral program is divided into four phases from a student's perspective: foundation/core coursework, major-field-of-study/research (Track) coursework, additional elective coursework in an associated minor-field-of-study (UNO definition) (as advised by the student's Supervisory Committee), and doctoral research and dissertation. The foundation/core courses, typically taken in a master's degree program, give students the broad range of skills and understanding to conduct independent research and practice in the field of Biomedical Informatics and include courses in four broad categories: Informatics theory and practice, computing competency, research skills and biomedical sciences. The major-field-of-study (Track) coursework provides students the advanced study needed to develop in-depth knowledge in their chosen fields of research. Students begin doctoral dissertation research only after passing a written and oral qualifying (comprehensive) examination. After fulfilling all PhD course requirements and successfully completing a comprehensive examination covering the the major and minor fields of study, the student must present and defend their dissertation research. The students will defend doctoral research proposals before implementing their doctoral research plan. The dissertation must show technical mastery of the field and document original research that contributes to current knowledge.

Given the heterogeneity of students within the BMI program, the student's Supervisory Committee can impose additional coursework where deemed necessary. The proposed PhD in BMI program will consist of 90 hours of coursework or equivalent directed research drawn from courses offered by the participating departments in UNMC and UNO. A typical student admitted to the program will have a Bachelor's or preferably a Master's degree or equivalent course work in a related field. The maximum number of credit hours transferred from Master level education shall be 36 hours toward the 90-hour requirement.

A full PhD student program without advanced placement would be as follows:

<u>Core Courses</u>	24 hours
Research Foundations/Seminars/Tools	18 hours
Major Field of Study Electives (Track)	18 hours
Minor Field of Study Electives (Cognate)	9 hours
Colloquia	3 hours
Dissertation	18 hours
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Total	90 hours

If they have not done so in an earlier degree, students may need to take additional prerequisites for each of the core competencies. Elective courses can be drawn from the main thematic areas of program (refer to Appendix A for a list of available courses by thematic area) and from associated fields such as psychology, public policy, public health, statistics, management information systems, computer science and management. Students may substitute BMI 896 Research other than thesis if recommended by their Supervisory Committee in lieu of didactic courses. The student’s Supervisory Committee, in consideration of the student's career interest and academic background, will determine the courses as necessary.

c) Program Management

The Joint BMI Graduate Program Coordination Committee (described below) through its co-chairs is responsible for the overall coordination of the Masters and Doctoral Programs in Biomedical Informatics.

Joint BMI Graduate Program Coordination Committee

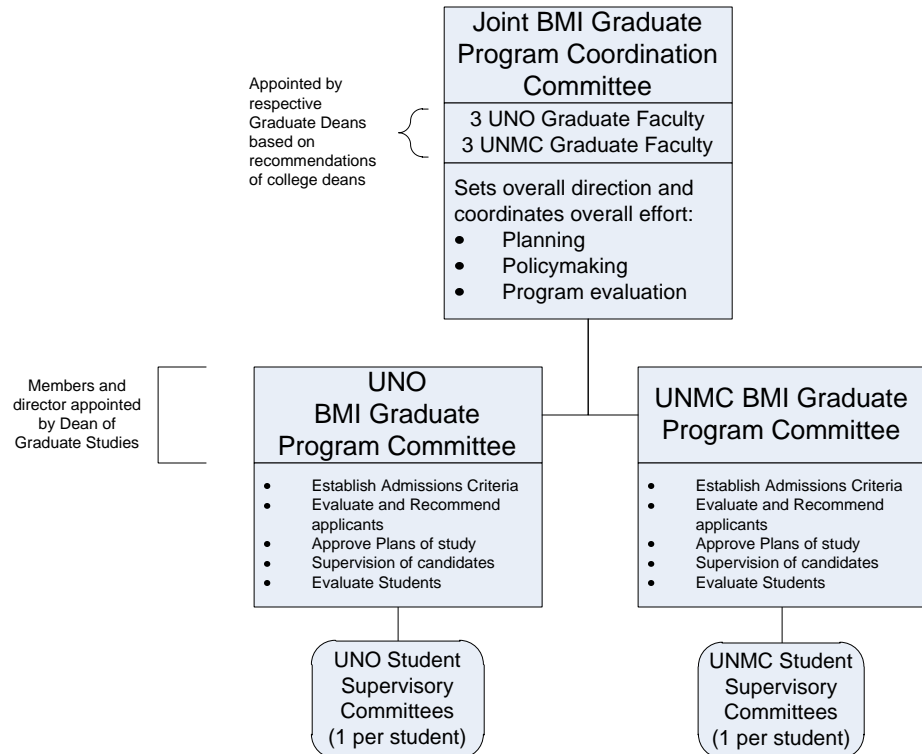
The UNO and UNMC Graduate Deans, on the recommendation of the respective college deans, will appoint three Graduate Faculty Members from each campus to serve on the Joint BMI Graduate Program Coordination Committee. If relevant, membership of the Committee could be extended to other participating departments/programs outside of the participating campuses. Department chairpersons in the College of Information Science and Technology shall recommend names for membership on the committee to the Dean of the College of Information Science and Technology. Similarly, the chairpersons of the participating UNMC departments/divisions will recommend names for membership on the joint committee.

The Joint BMI Graduate Program Coordination Committee will be responsible for coordinating the overall effort across campuses, so as to maintain unity of the proposed program in terms of planning, policymaking, and periodic program evaluation. The Committee’s responsibilities will include setting overall direction of the joint program. Campus-based Graduate Program Committees, on the other hand, will be responsible for admitting students, matching them with potential supervisors, conducting all examinations, and monitoring student progress. The responsibilities, procedures, and actions of the Joint BMI Graduate Program Coordination Committee and the campus-based BMI Graduate Program Committees are regulated by the rules and bylaws of the Graduate College of the University of Nebraska and subject to administration by the Graduate Dean from the appropriate campus.

Campus-Based BMI Graduate Program Committees

Each participating campus shall form a BMI Graduate Program Committee responsible for evaluating and recommending applicants for admission, approving plans of study, general supervision of candidates for graduate degrees and the evaluation of students by means of qualifying or final comprehensive examinations. This

includes consideration of all academic requirements that must be satisfied by students admitted to the BMI graduate programs, including both major and minor requirements, together with quality of work standards, transfer credits and those electives which are not major or minor courses. The appropriate Dean of Graduate Studies will appoint the campus-based BMI Graduate Program Committee members based on the recommendation of the Deans from each participating college. The participating college Deans shall also appoint a Director/Chair of the campus-based BMI Graduate Program Committee who will be responsible for overseeing the activities of the Committee. The Director shall serve for a term of three years renewable for additional terms by the participating college Dean.



MS Supervisory Committee

A Supervisory Committee shall be formally established for each MS student upon completion of at least 9 hours of coursework or one year (whichever comes first) in the MS program. This committee will have responsibility for planning and supervision of the student's MS thesis in coordination with the campus-based BMI Graduate Program Committee.

PhD Program Supervisory Committee

For each PhD student, the appropriate campus Dean of Graduate Studies will appoint a Supervisory Committee (also called the formal dissertation committee). The Supervisory Committee shall be formally established after completing at least 18 credit hours of course work or two years (whichever comes first) in the PhD program. This committee will have responsibility for planning and supervision of the student's doctoral program in coordination with the campus-based BMI Graduate Program Committee, including the development of the comprehensive exam, defense of the PhD dissertation proposal, the approval of the completed dissertation, and the final oral examination. At least one member on the committee shall be from another discipline. The student's dissertation advisor will nominate the individual to serve on the

Supervisory Committee in consultation with the student. Upon recommendation of the campus-based BMI Graduate Program Committee, the appropriate Dean for Graduate Studies will appoint the Supervisory Committee for the student. The committee, chaired by the student's dissertation advisor, will contain at least four Graduate Faculty Members, including at least one Graduate Faculty from the participating sister campus. The dissertation advisor must be a Graduate Faculty member. The responsibilities, procedures, and actions of the Supervisory Committee are regulated by the rules and bylaws of the Graduate College as established in the UNO and UNMC Graduate Bulletins.

Within three weeks of its appointment, the Supervisory Committee will meet to designate and subsequently file in the Office of Graduate Studies a complete Program of Studies conforming to the requirements for the degree. At least half of the total hours for the degree must be completed at the University of Nebraska after the filing of the Program of Studies. Any subsequent change in the Program or in the dissertation topic must be approved by the Supervisory Committee and recommended to the Dean of Graduate Studies at the appropriate campus for approval.

Program Admission

Applicants must follow the formal procedures established for admission to the graduate program at the appropriate NU campus. Applications must have:

- A successfully completed baccalaureate degree from an accredited institution; preference will be given to students with a Master's degree or doctoral degree from a related field.
- Demonstrated superior performance in mathematics, including calculus, discrete mathematics and statistics, and a sequence of courses in the theory and practice of one or more information technology areas.
- Documented test aptitude, interest and commitment to scholarly activities and research.
- Proficiency in English, sufficient to engage in advanced studies.

Evaluation for admission will be based on a portfolio approach that will include the following:

- Class standing during the applicant's baccalaureate and master level studies.
- Grade point average in the undergraduate degree that is equivalent to 3.0 or higher.
- Verbal, quantitative, and analytic scores on the aptitude tests of the Graduate Record Examination (GRE).
- Letters of recommendation from references, who are able to give an in-depth evaluation of the applicant's strengths and weaknesses with respect to academic work, and who are competent to judge the applicant's probable success in graduate school.
- Other evidence of graduate potential, such as a portfolio of quality papers or publications, projects, etc., completed by the applicant either in an academic or industrial setting.
- A score of at least 550 on paper-based and 90 on Internet-based test on the TOEFL or 7.0 in IELTS is required of all applicants from countries where English is not the primary language.
- A personal interview, if warranted and feasible.

International graduate students may be assessed for English proficiency and asked to take courses in English as a second language. All students will be encouraged to take courses to improve their technical writing and professional communication skills.

Academic Requirements

Graduate courses taken after the baccalaureate degree from another approved institution may count toward the credit hour requirements after review and approval by the campus-based BMI Graduate Program Committee.

The MS degree in BMI requires 36 credit hours of course work that include the following areas:

- 18 credits of core courses including biostatistical methods, biomedical sciences, foundations of computer science and biomedical informatics;
- 6 credits in BMI shared electives: Biomedical Informatics
- 6 credits in their major track (Health informatics or bioinformatics); and
- 6 credits towards the thesis.

Up to 36 credit hours of the coursework in the preparatory and advanced studies of the PhD program may be accepted if from an accredited institution. Academic requirements for the PhD degree include:

1. Doctoral research seminars in one or more of the thematic areas of the program.
2. Advanced courses (subject to dissertation advisor and Graduate Committee approvals) related to the student's expected field of study/research area.
3. Courses in an associated field of study.
4. Courses or colloquia relating to teaching, ethics and research.
5. Participation in relevant graduate research seminars each semester.
6. Successful passing of qualifying (comprehensive) examination.
7. Presentation and defense of a dissertation research proposal on a topic in the approved major field of study/research area.
8. Submission of the final dissertation manuscript in appropriate format after a successful dissertation defense.

After students are admitted into the program, they will formulate, in conference with the campus-based BMI Graduate Program Committee, a preliminary plan of study that meets the academic requirements. Each student's plan will be periodically reviewed and modified, if need be, to ensure that reasonable progress is being made towards program completion in compliance with the Quality of Work Standards of the Graduate College. The campus-based BMI Graduate Program Committee, the dissertation advisor and the student's Supervisory Committee are responsible for monitoring the quality of work for the degree. His/her Supervisory Committee will administer the oral examination only after the submission of the final draft of the dissertation to the committee. The final draft of the dissertation must be submitted at least thirty days before the final oral examination.

Requirements for Admission to Candidacy

Students will follow the general candidacy requirements of UNMC or UNO Graduate Studies and, specifically, to requirements of the Joint BMI Graduate Program. Admission to the graduate program does not necessarily imply admission to candidacy for a higher degree.

A student may be admitted to candidacy for a Masters degree upon recommendation of the Supervisory Committee and approval by the BMI Graduate Program Committee upon demonstration of his or her ability to perform satisfactorily in graduate courses. A student must

be admitted to candidacy at least eight weeks prior to the date of the final comprehensive examination. Criteria for MS candidacy include:

- Completion of one semester of graduate study or its equivalent;
- Grade point average of "B" or above;
- Full Graduate Standing; and
- Removal of any deficiencies.

To be admitted to candidacy for the PhD degree, a doctoral student must:

- Pass the written qualifying (comprehensive) examination.
- Successfully complete all coursework with satisfactory grades.
- Receive the approval of his/her dissertation proposal before the Supervisory Committee (oral examination).

After the student has met these requirements, the Supervisory Committee will recommend to the Office of Graduate Studies his/her admission to Candidacy for the PhD degree, the recommendation will note the dates of completing the comprehensive exam. Such a recommendation must be filed at least seven months prior to the final oral examination for defending his/her dissertation in the presence of his/her supervisory committee. A student is formally recognized as a Candidate as of the date of completing the comprehensive exam. Following admission to Candidacy, the student must register during each academic year semester until he/she receives the PhD degree. Students not in residence may register for a minimum of one semester hour credit in dissertation. Failure to register during each academic year semester will result in termination of candidacy. The term of candidacy is limited to three years.

Dissertation and Final Examination

The dissertation should treat in depth a subject from the Candidate's major field of study/research area and as approved by his/her Supervisory Committee. The student's dissertation should show his/her technical mastery of the field and create novel material by advancing or modifying knowledge, creating new material, finding new results, drawing new conclusions, or interpreting old material in a new light.

If the dissertation proposal is approved, the student may conduct the dissertation research under the guidance of the dissertation advisor. The student is advised to consult informally and continuously with his/her supervisory committee until the committee accepts the dissertation. After the dissertation research is completed, the dissertation document and/or product must be presented to all the members of the supervisory committee in time to permit review and approval, and the manuscripts must be turned in at least thirty days in advance of the final oral examination over the dissertation. The dissertation will be defended at an open meeting of the faculty, conducted by the student's supervisory committee.

Grade Requirements

In addition to maintaining at least a 3.0 GPA for all course work, all MS and PhD students must obtain a grade of B or better in any of the required courses. Any student failing the grade requirements will be denied from taking the comprehensive examination and/or dismissed from the program.

Residency Requirements

An on-campus residency requirement has been established for the purpose of ensuring that the MS and PhD programs be reasonably compact, continuous and coherent, and that a substantial portion be done under close supervision by the University. The residency requirement is part of the student's approved program.

In general, each student is required to spend at least one year in residency after passing the comprehensive examination. While in residency, students are expected to pursue their academic programs full-time, confer regularly with the faculty, attend all seminars and lecture series scheduled for the program, prepare their dissertation proposals and conduct their dissertation research.

In exceptional circumstances, when it is clear that the purpose of the residency will be fulfilled although the above formal conditions are not met, the student's supervisory committee may, with the approval of the appropriate Dean of Graduate Studies, designate an alternative procedure for satisfying the residency requirements.

A minimum of three years of full-time graduate study is normally required to complete a program for the degree of Doctor of Philosophy assuming a student is well prepared with either a graduate health science degree or graduate engineering degree upon entry. Neither the courses taken nor the time spent in study determines the granting of the degree. It is given primarily for high attainment in some special field of scholarship and for demonstrated power of independent research in a subdivision of that field.

For more details, students should refer to the requirements and forms for the graduate degrees (MS or PhD) in the appropriate catalogs for UNMC at <http://www.unmc.edu/gradstudies/phd.htm> or UNO at <http://www.unomaha.edu/graduate/current.php>.

Financial Aid/Teaching Requirement/Opportunity

Doctoral students and a select number of Master's students admitted to the program and attending full time may receive fellowships, competitive research/graduate assistantships or other scholarships depending on the campus to which they are admitted. Some UNO and UNMC graduate assistantships are competitively awarded. The financial aid requirements will be determined by the campus accepting the student. Some students may be sponsored to participate in the MS or PhD program by their employers.

Students will be provided the opportunity to teach graduate and/or undergraduate courses while ensuring that any such teaching does not interfere with the timely completion of their doctoral studies, and will be made aware of and encouraged to use the services available for instructional development and improvement through the Office of Graduate Studies.

Learning Outcomes

Learning outcomes reflect university goals as they support the mission of the University of Nebraska. Outcome assessment will be conducted consistent with current campus practices. Graduates will be measured on quantitative and qualitative outcomes. Student skill and

knowledge of areas of study and job preparedness will be measured on both qualitative and quantitative scales. Procedures for measuring these outcomes will utilize examinations, written reports, oral projects, dissertation evaluations, comprehensive examinations, placement statistics, and surveys of graduates at the time of graduation and later in their career, reviews of graduate career tracks and assessment by their employers.

2) **Faculty and Staff Resources**

The proposed joint program among the University of Nebraska campuses has generated interest from multiple faculty members. Seventeen core faculty are currently participating in curriculum development and educational efforts (Appendix B). The 35 affiliated faculty members (Appendix C) are willing to participate as instructors and mentors.

Current resources will be utilized to provide faculty salary and graduate assistantships. Administrative support is being provided by participating units, including the Departments of Cardiology and Pathology at UNMC.

a) **Physical Facilities**

The proposed program is a collaborative effort between multiple facilities. Students will be housed in existing classrooms and laboratory facilities at UNMC and UNO.

b) **Classroom facilities**

Existing instructional equipment is adequate for the course work and research of the proposed program, including the use of classrooms with *Smart Boards*® and the current implementation of the *Black Board*® instructional software. A budget line is included to support basic telecommunication utilization.

UNMC Labs

The Biomedical Informatics and Molecular Modeling Facility, directed by core BMI faculty member Simon Sherman, provides extensive hardware and software support for bioinformatics analysis and medical condition registries.

The Knowledge Engineering Group, led by core BMI faculty member John Windle, grew out of UNMC informatics researchers' efforts to standardize clinical decision support services and continues to research usability of health information systems and associated information models.

Core BMI faculty member, Dr. Babu Guda, operates the Bioinformatics Lab in the Bioinformatics and Systems Biology facility at UNMC. The bioinformatics lab has eight student workstations (four PCs and four Macs) pre-loaded with many publicly available bioinformatics tools and some licensed software tools such as *Ingenuity*®. All the back-end data repositories that are maintained at the center can be accessed from these computers using a secure shell terminal. The facility also offers a variety of bioinformatics research, educational and service tools to UNMC researchers. Various publicly available bioinformatics data repositories (*GenBank*®, *UniProt*®, etc.) are mirrored and updated on local servers that are maintained by Dr. Guda's research personnel. Various specialized in-house and third party bioinformatics databases and tools are installed and maintained at the center.

UNO School and Labs

The School of Interdisciplinary Informatics (Si2), directed by core BMI faculty member Dr. Ann Fruhling, is a unit within the College of Information Science and Technology at the UNO. The School is the hub for informatics education efforts at UNO and supports a number of facilities such as the Center for Collaboration Sciences and the Consortium for Public Health Informatics. The Center for Collaboration Science includes facilities such as the Collaborating Commons that contains configurable collaboration spaces to support various size conferences. The Mobile Electronic Meeting System is a collection of networked stations containing the center's meeting technologies that can be set up anywhere.

Core BMI faculty member Dr. Dhundy Kiran Bastola manages the Bioinformatics laboratory. The Bioinformatics laboratory provides computational resources and staff expertise to help biologists extract knowledge from the data the researchers gather. This requires developing a structural environment to store sequence data, and providing a Graphical User Interface (GUI) to both administer and query the sequence data. This database (GUI) is different from the genetic sequence repository such as the gene bank and ensemble. It can be considered as a secondary database, which contains sequences that have been validated using biologically sound algorithms and provides for the development of novel search algorithms that can accept stringent parameters to increase specificity.

3) Evidence of Need and Demand: Enrollment Projections

The demand for students with Biomedical Informatics education and training is summarized in the following quote from an article published in the IMIA Yearbook of Medical Informatics (Hersh, 2008⁴): "These are exciting times for HIT (*health information technology*), with its demonstrated value in improving health, health care, public health, and biomedical research and as a pathway to a fulfilling and rewarding career. Clearly there are many job opportunities, with several different studies showing the need for one IT or informatics staff per 50-60 non-informatics staff in a variety of organizations. Such jobs tend to pay well and offer opportunity for career advancement and satisfaction. Indeed, one US Newsmagazine recently listed informatics among ten "ahead of the curve" careers."

On April 27th, 2004, by Executive Order, President Bush established the position of the National Health Information Technology Coordinator "to provide leadership for the development and nationwide implementation of an interoperable health information technology infrastructure to improve the quality and efficiency of health care." This Executive Order recognizes the urgent need for applying information technology (IT) advances to the healthcare sector and the biosciences and recognizes the importance of health informatics as a solution to this national problem. In 2009 The Health Information Technology for Economic and Clinical Health (HITECH) Act of the American Recovery and Reinvestment Act (ARRA) specified the need for an adequately trained professional workforce to build and support the infrastructure necessary to achieve "meaningful use" of Health information Technology (HIT). An analysis by the Office of the National Coordinator for Health IT (ONC) estimated a need for 51,000 additional trained individuals to augment the exiting HIT workforce.

⁴ Hersh, W. (2008). "Health and Biomedical Informatics: Opportunities and Challenges for a Twenty-First Century Profession and its Education." *IMIA Yearbook of Medical Informatics*, pp. 138-145.

Graduates from the MS in BMI program will have the option of pursuing a PhD or finding employment in pharmaceutical firms, hospitals, biotech firms, and R&D units. A recent search of job web sites found approximately 300 bioinformatics positions and over 1000 health informatics positions on Monster.com. There were over 2000 bioinformatics postings on bioplanet.com and 109 academic positions posted on the Science web site.

Advances in medical science and technology are appearing faster than we can assimilate them into practice⁵. It could be argued that the problem of employing IT in the medical domain is the intractable challenge of this decade. One study showed that it takes an average of 17 years to translate new knowledge from randomized controlled trials into practice: "Medicine lacks an information infrastructure to efficiently connect those who produce and archive medical knowledge to those who must apply that knowledge. Innovative techniques are needed to deliver credible and substantial clinical evidence to the point of care where patient care decisions are made."⁶ Further, it is argued that "more systematic approaches are needed to analyze and synthesize medical evidence for both clinicians and patients. Far more sophisticated clinical decision support systems will be required to assist clinicians and patients in selecting the best treatment options and delivering safe and effective care."⁷ Similarly, bioinformatics analysis of vast amounts of data produced by ongoing genomic DNA sequencing and mapping projects, such as the Human Genome Project, is expected to uncover hitherto unknown relationships between genes and diseases, have a profound impact on drug development and clinical trials, and affect medical diagnostics, pharmacogenomics and agricultural and industrial biotechnology. These examples illustrate the range of topics covered under Biomedical Informatics.

The need for BMI training will increase rapidly with the implementation of health information technology and advances in bioinformatics. The existing independent programs are enrolling 2-4 students a year. The expectation is an ongoing annual enrollment of 5 students.

The UNO Bioinformatics concentration and the UNMC MSIA Bioinformatics concentration are currently active and viable with approximately 10 students who will join the new program.

4) Partnerships with Business

The city of Omaha and the State of Nebraska are home to many technology-related businesses and organizations. Clearly, the ability to achieve the ambition of the local business community to make UNMC, UNO's College of IS&T, and the Peter Kiewit Institute nationally-known in the Biomedical Informatics arena will continue to require close interaction with the private and public sector organizations in the region. It is expected that a significant number of student projects and dissertations will take advantage of the presence of numerous insurance and biotechnology firms located in Omaha and Lincoln. Community feedback, grant success and peer review of completed research will be utilized in evaluating these partnerships.

UNO's College of IS&T has a board of business advisors that provide community input and resources when needed for college programs. The advisory board of the college includes senior IT executives from many major Omaha firms such as First Technology Solutions, Valmont Industries, Mutual of Omaha, National Indemnity, Baldwin, Hackett & Means, ACI Worldwide,

⁵ The Robert Wood Johnson Foundation. Chronic Care in America: A 21st Century Challenge. Princeton, NJ: the Robert Wood Johnson Foundation, 1996

⁶ Balas A and Boren SA, Managing Clinical Knowledge for Health Care Improvement, Yearbook of Medical Informatics, 2000, 65-70.

⁷ IOM's Committee on Quality of Health Care in America published Crossing the Quality Chasm: A New Health System for the 21st Century

MITRE, West, Gallup, Union Pacific and Google. In addition, IS&T has research partnerships in the BMI domain with J. Craig Venter Institute (JCVI) and National Center for Biotechnology Information (NCBI).

5) Collaborations within the University:

The UNMC College of Medicine and UNO's College of Information Science & Technology will be the lead units administering the proposed program. However, a number of units in the NU system have committed in principal to support this program in varying degrees. These units are listed below:

- UNO College of Arts and Sciences
- UNO Consortium for Public Health Informatics
- UNO Center for Management of Information Technology
- UNL College of Arts and Sciences
- UNMC College of Public Health
- UNMC College of Nursing
- UNMC School of Allied Health
- UNMC College of Pharmacy
- UNMC Eppley Cancer Center
- UNMC College of Dentistry
- UNMC Graduate Studies MSIA Program in Biomedical Informatics
- UNMC Pathology and Microbiology Specialty Track in Bioinformatics
- UNMC Pathology and Microbiology Interest group in Digital Pathology
- UNMC Genetics, Cell Biology and Anatomy
- UNMC Bioinformatics and Systems Biology Lab
- UNMC Center for Clinical and Translational Research
- UNL Computer Science and Engineering
- UNL School of Biological Sciences

6) Collaborations with Higher Education Institutions and Agencies External to the University

The proposed program will provide opportunities for expanding collaborations with Creighton University, which is a collaborator in the INBRE (Idea Networks of Biomedical Research Excellence) project hosted by UNO and UNMC.

7) Centrality to Role and Mission of the Institution

The proposed joint, integrated MS/PhD in BMI reflects the role and mission of UNO, UNMC and The Peter Kiewit Institute in a number of ways. It is a direct response to the opportunities and challenges presented by Biomedical Informatics as it relates to economic growth for the state and region. It will increase research and creative activity and lead to increased national visibility of the University of Nebraska in the area of the application of information technology in the domain of healthcare and biological sciences. In effect the program is an appropriate educational opportunity in which knowledge will be discovered and disseminated through research and teaching. The proposed program is consistent with expectations of the business community, the strategic plan of UNO's College of IS&T and The Peter Kiewit Institute, and statewide mandate for undergraduate and graduate education in Information Science and Technology assigned by

the Public Postsecondary Education (Public Postsecondary Education report, November 2000, Chapter 7, pp. 88-89).

The proposed program also is consistent with the UNMC's long-standing role to deliver graduate education in the medical sciences. In addition, this collaborative program is aligned with UNMC's strategic goal to "advance biomedical technologies to promote economic development in Nebraska by improving health education, science and clinical care."

8) Consistency with the Comprehensive Statewide Plan for Postsecondary Education

Currently, a growing number of quite diverse educational programs in BMI exist in the United States. This is an indicator of the emerging nature of the BMI discipline, and, consequently, there exists an opportunity to become a national leader. An innovative and collaborative education program in BMI will send a powerful message of commitment by the University to be at the leading edge of the new wave of healthcare. In addition, the economic viability of the State of Nebraska will benefit by providing a competitive source of trainees in Biomedical Informatics for companies that are already in Omaha and for those new companies that are evaluating Nebraska for relocation. Ultimately, a state's future is dependent on its ability to retain its young talent and attract talent from other locales. Biomedical Informatics is increasingly at the core of economically viable regions, and the University can help provide economic impetus by producing MS/PhD students with the expertise to succeed in a knowledge-oriented age that is based on advances in IT with a focus on the healthcare sector.

- a) The proposed UNO campus program complements the campus strategic plan, record of curriculum development, student recruitment, faculty hiring, strong support from the business community; and already strong partnership with UNMC. Additionally, the College of Information Science and Technology is poised to expand its advanced graduate program offerings in applied disciplines where information technology is critical. One important component of this expansion is to address the college's statewide mandate for graduate education in information science and technology (*Public Postsecondary Education Report*, November 2000, Chapter 7, pp. 88-89). Another is to address the expressed national needs for Biomedical Informatics training and research. The proposed programs in BMI are consistent with UNO's plan and mandate to be a leader in IT related education in the state.
- b) The University of Nebraska Medical Center is the only public academic health science center in Nebraska and has the stated mission to "To improve the health of Nebraska through premier educational programs, innovative research, the highest quality patient care and outreach to underserved populations." In order to achieve this statewide mission, UNMC has partnered with UNO on various educational initiatives including the recent public health graduate programs (Undergraduate 4+1 for a MPH in Biostatistics, MPH and PhD). For the MS/PhD in BMI, UNMC will be an extremely important partner in providing domain-specific knowledge and expertise, research problems/areas, and coursework.

9) Avoidance of Unnecessary Duplication

Within the University of Nebraska System multiple efforts to provide students with some component of BMI exist. All those programs have been contacted and all active programs are participating in this joint degree proposal (Appendix C).

There are BMI programs at some of the MHEC institutions as noted in Appendix D. Most are members of the AMIA academic forum and share curriculum. The proposed BMI program is unique in that it is a joint program between an Academic Health Center (UNMC). The resources of the UNO College of Information Science and Technology and the University of Nebraska's Peter Kiewit Institute

Regional Big 10 programs are listed in Appendix E.

**10) Consistency with the Comprehensive Statewide Plan for Postsecondary Education:
How this program would enhance relevant statewide goals for education**

The proposed graduate program in BMI will enhance multiple statewide goals for education relating to “Meeting the Needs of Students (Chapter Two)”, “Meeting the Needs of the State” (Chapter Three), “Meeting Needs by Building Exemplary Institutions” (Chapter Four), and “Meeting Educational Needs through Partnerships and Collaboration” (Chapter Five). In particular the overall vision of this program to train the next generation of biomedical professionals and researchers to fill a large unmet need in the marketplace is in alignment with the following statewide goals -- “Nebraska colleges and universities will provide their graduates with the skills and knowledge needed to succeed as capable employees and responsible citizens” and “workforce development and ongoing training needs of employers and industries to sustain a knowledgeable, trained and skilled workforce in both rural and urban areas of the State.”

Appendices

- A. Curriculum outline
- B. BMI Core Faculty
- C. BMI Affiliate Faculty
- D. University of Nebraska Peer Group per the Comprehensive Statewide Plan
- E. Big 10 University Informatics Offerings
- F. Participants in the University of Nebraska Biomedical Informatics Degree Program
- G. Budget Projections (UNO and UNMC)

Appendix A: Curriculum Outline
University of Nebraska Biomedical Informatics Proposed Curriculum

Foundations Program requisites	Biomedical Sciences	Anatomy, physiology, cell biology or equivalent (Any health science degree)
	Computing	Programming language, data structures & algorithms (Any engineering, computer science degree)
	Quantitative Methods	Statistics, math, experimental methods

AREA	COURSE	NAME	CREDIT
Biomedical Sciences Core 3 credits for MS 6 credits for PhD	HSRA 810 CPH 560	THE U.S. HEALTH CARE SYSTEM: AN OVERVIEW*	3
	GCBA 823	Fundamentals of Genetics	2
	HPRO 830	Foundations of Public Health	3
	PAMM 940	Molecular Basis of Human Disease	3
Research & Quantitative Methods Core Biostats for MS (3) 6 credits for PhD	BIOS 816/CPH 516	Biostatistical Methods I*	3
	HPRO 803	Research Methods in HPER	3
	NRSG 841	Health Care Systems and Policy	3
	EPI 820/CPH 504	Epidemiology Theory and Applications	3
	HPRO 935	Research Ethics	3
Computing Core CSCI 8010 (3) plus 3 credits	CSCI 8010	Foundations of Computer Science*	3
	CSCI 8325	Data Structures	3
	ISQA 8050	Data Organization and Storage	3
	CSCI 8080	Design and analysis of Algorithms	3
Informatics Core All students 6 credits	BI 810	Introduction to Biomedical Informatics*	3
	BIOI 3000	Applied Bioinformatics	3
	ISQA 8570	Information Systems Policy and Ethics	3
	BI 970	Seminar in Translational Biomedical Informatics	1

Core: students entering with prior education can place out of these requirements

* Recommended courses

MS 18 credits

PhD: 25 credits.

The following elective sections allow the student's committee to tailor a curriculum best suited to the students interests.

University of Nebraska Biomedical Informatics Proposed Curriculum

AREA	COURSE	NAME	CREDIT
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PhD: Assemble 30 credits from electives organized into a Major area of focus (18) and a cognate area (9) to fulfill UNO grad school requirements

MS Requirements listed in table

Shared Electives MS: 6 credits	ISQA 8700	Data Warehousing: Theory and Practice	3
	NURS 877	Database Design for Health Systems	3
	CIST 9900	Seminar: Human – Computer Interactions Research	1
	CSCI 8080	Design and Analysis of Algorithms	3
	CSCI 8100	Expert Systems	3
	CSCI 8070	Genetic Algorithms	3
	CSCI 8070	Image Processing and Computer Vision	3
	ISQA 8525	Graphical User Interface Design	3
	ISQA 8410	Database Management	3
	ISQA 8040	An Overview of Systems Development	3
	ISQA 9030	Behavioral and Organizational Issues in information Systems Research	3
	BMI 896	Research other than thesis	1-9

*** AND ***

Electives for Students in Bioinformatics Track (Major) MS: 6 Credits	BIOC 873 PAMM 873	INTRODUCTION TO GENETIC SEQUENCE ANALYSIS	2
	BIOI 4860/8866	Bioinformatics Algorithms	3
	BIOI 4870/CSCI 8876	Database search and pattern discovery in Bioinformatics	3
	BIOI 8136	Molecular Genetics	4
	BRTP 821	MACROMOLECULAR STRUCTURE AND FUNCTION	3
	BRTP 822	THE CELL AND GENE REGULATION	2
	BRTP 823	MOLECULAR CELL BIOLOGY,	2
	BRTP 824	CELL SIGNALING	3
	RADI 850	Introduction to Biomedical Imaging and Image Analysis	3
	PAMM 940	Molecular basis of human disease	
	PAMM 955	Advanced Immunobiology	3
	GCBA 915	Advanced Workshop on Bioinformatics	1
	CSCI 8876	Database Search and Pattern Discovery in Bioinformatics	3

**** OR ****

University of Nebraska Biomedical Informatics Proposed Curriculum

AREA	COURSE	NAME	CREDIT
Electives for Students in Health Informatics Track (Major) MS: 6 credits	FMED 807	QUALITATIVE RESEARCH IN PRIMARY CARE	2
	FMED 808	QUANTITATIVE RESEARCH IN PRIMARY CARE	2
	IMED 810	DEVELOPING CLINICAL RESEARCH I/II	2
	ISQA 8106	Information Systems Architecture and Organization	3
	ISQA 8220	Advanced Systems Analysis and Design	3
	ISQA 8736	Decision Support Systems	3
	SURG 850 ISQA 8500	READINGS IN CLINICAL INFORMATICS	3
	HSRA 860/CPH 564	Health Economics	3
	IMED 840 ISQA 8400	CLINICAL SYSTEMS ARCHITECTURE AND FUNCTION	3
	ISQA 8060	Research in Management Information Systems	3
	ISQA 8080	Seminar in Management Information Systems	1
	ISQA 8196	Process Re-engineering with Information Technology	3
	ISQA 8810	IT Project Management	3
	HPRO 805/CPH 505	Applied Research in Public Health	3
	NURS 875	HEALTH INFORMATICS SYSTEMS ANALYSIS AND DESIGN	4
ISQA 8900	Independent Research in Management Information Systems	1-6	

Research Tools PhD Students require *courses plus 12 credits	BIOS 835/CPH 517	Design of Medical Health Studies*	3
	ISQA 9010	Foundations of Information Systems Research*	3
	HPRO 805	Applied Research in Public Health	3
	ISQA 8160	Applied Distribution Free Statistics	3
	ISQA 8340	Regression Analysis	3
	ISQA 9130	Applied Multivariate Analysis	3
	ISQA 9120	Applied Experimental Design & Analysis	3

Teaching Colloquium For PhD students (3)	CIST 9010	Colloquium on Teaching	1
	CIST 9020	Colloquium on Research/Grant Writing	1
	CIST 9030	Colloquium on Research/Teaching Ethics	1

University of Nebraska Biomedical Informatics Proposed Curriculum

AREA	COURSE	NAME	CREDIT
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All students submit thesis or dissertation for graduation

Thesis & Dissertation			
6 credits MS	Various	Master's Thesis	6
18+ Credits PhD		Doctoral Dissertation	18+

MS = 36 credits

PhD = 90 credits

Appendix B: Core BMI Faculty

	Title	MS-PhD BMI Track	Campus	Unit
Zhengxin Chen, PhD	Professor of Computer Science	Bioinformatics	UNO	College of Information Science & Technology (CIST)
Parvathi Chundi, PhD	Assoc. Professor of Computer Science	Bioinformatics	UNO	CIST
Ann Fruhling, PhD	Assoc. Professor of IT Innovation; Director, School of Interdisciplinary Informatics; Director, Consortium for Public Health Informatics	Public Health Informatics	UNO	CIST
Ashish Joshi, PhD	Leading COPH Informatics Endeavors	Public Health Informatics	UNMC	College of Public Health (COPH)
Chittibabu Guda, PhD	Assoc. Professor of Genetics, Cell Biology & Anatomy; Director, Center for Bioinformatics & Systems Biology	Bioinformatics	UNMC	College of Medicine (COM)
Deepak Khazanchi, PhD	Professor of Information Systems & Quantitative Analysis; Assoc. Dean, CIST	Health Informatics	UNO	CIST
Kiran Bastola, PhD	Asst. Professor of Bioinformatics, School of Interdisciplinary Informatics	Bioinformatics	UNO	CIST
Don Johnson, PhD	Assoc. Professor of Pathology & Microbiology	Bioinformatics	UNMC	COM
Etsuko Moriyama	Assoc. Professor of Biological Sciences, Center for Biotechnology	Bioinformatics	UNL	College of Arts & Sciences (CAS)
Guoqing Lu, PhD	Assoc. Professor of Biology & Bioinformatics, School of Interdisciplinary Informatics; UNO Undergraduate Bioinformatics Degree Advisor	Bioinformatics	UNO	CIST & CAS
Hesham Ali, PhD	Professor of Computer Science; Dean, CIST; Director, UNO Bioinformatics Program	Bioinformatics	UNO	CIST
James McClay, MD	Assoc. Professor of Emergency Medicine; Director, MSIA Health Informatics Program	Clinical Informatics	UNMC	COM
Jim Campbell, MD	Professor of Internal Medicine	Clinical Informatics	UNMC	COM
John Windle, MD	Professor of Internal Medicine; Chief of Cardiology	Clinical Informatics	UNMC	COM
Mark Pauley, PhD	Sr. Research Fellow in Bioinformatics, School of Interdisciplinary Informatics	Bioinformatics	UNO	CIST
Simon Sherman, PhD	Professor, Eppley Institute; Director, Bioinformatics & Molecular Modeling Facility; Director, NE Informatics Center for the Life Sciences	Bioinformatics	UNMC	Eppley Institute for Cancer Research (Eppley)
Steve Hinrichs, MD	Professor and Chair of Pathology & Microbiology	Imaging and Bioinformatics	UNMC	COM

Appendix C: BMI Affiliate Faculty

	Title	Track	Interest	Campus	Unit
Ashok Samal, PhD	Professor of Computer Science & Engineering	Imaging Informatics	Affil	UNL	CAS
Balasrinivasa Sajja, PhD	Asst. Professor of Radiology	Imaging Informatics	Affil	UNMC	COM
Cheryl Thompson, PhD	Assoc. Professor of Families & Health Systems; Asst. Vice Chancellor, Academic Affairs	Clinical Informatics	Affil	UNMC	College of Nursing (CON)
Chi Zhang, PhD	Asst. Professor of Biological Sciences	Bioinformatics	Affil	UNL	CAS
Dave Brown, PhD	Professor of Oral Biology; Executive Assoc. Dean, COD	Dental Informatics	Interest	UNMC	College of Dentistry (COD)
Fang Yu , PhD	Asst. Professor of Biostatistics	Biostatistics	Interest	UNMC	COPH
Gary Yee, PharmD	Professor of Pharmacy Practice; Assoc. Dean for Academic Affairs, COP	Pharmacy Informatics	Interest	UNMC	College of Pharmacy (COP)
Jaime Gofin, MD, MPH	Special Professor of Health Promotion, Social & Behavioral Health	Public Health Informatics	Interest	UNMC	COPH
Jane Meza, PhD	Professor & Chair of Biostatistics; Director, Center for Collaboration on Research Design & Analysis	Biostatistics	Interest	UNMC	COPH
Jennifer Larsen, MD	Professor of Internal Medicine; Vice Chancellor for Research	Clinical And Translational Sciences	Sponsor	UNMC	COM
Kaleb Michaud, PhD	Asst. Professor of Internal Medicine (Rheumatology)	Clinical and Research informatics	Affil	UNMC	COM
Nancy Woelfl, PhD	Professor & Director, Library of Medicine	Library Science	Interest	UNMC	McGoogan Library
Rakesh Singh, PhD	Professor of Pathology & Microbiology	Bioinformatics	Affil	UNMC	COM
Robert Boissy, PhD	Asst. Professor of Internal Medicine	Bioinformatics	Affil	UNMC	COM
Rosa Gofin, MD, MPH	Professor of Health Promotion, Social & Behavioral Health	Public Health Informatics	Interest	UNMC	COPH
Shinobu Watanabe-Galloway, PhD	Assoc. Professor of Epidemiology; Director of Doctoral Programs, COPH	Public Health Informatics	Interest	UNMC	COPH
Stephen D. Kachman	Professor & Interim Chair of Statistics	Bioinformatics	Affil	UNL	CAS
Stephen E. Reichenbach, PhD	Professor of Computer Science & Engineering	Bioinformatics, Imaging Informatics	Affil	UNL	CAS
Stephen J Bonasera, MD, PhD	Asst. Professor of Geriatrics	Bioinformatics	Affil	UNMC	COM
Valery E. Forbes	Professor & Director/Chair of Biological Sciences	Bioinformatics	Affil	UNL	CAS
Vimla Band, PhD	Professor & Chair of Genetics, Cell Biology & Anatomy	Bioinformatics	Affil	UNMC	COM
Yutong Liu, PhD	Asst. Professor of Radiology	Imaging Informatics	Affil	UNMC	COM

	Title	Track	Interest	Campus	Unit
Kathleen Burke, PhD	Research Associate in Allied Health Research; Courtesy Asst. Professor of Health Services	Biostatistics	Interest	UNMC	School of Allied Health Professions (SAHP)
Pinaki Panigrahi MD, PhD	Professor of Epidemiology; Director, Center for Global Health & Development	Public Health Informatics	Affil	UNMC	COPH
Ayman El-Mohandes, MBBCh, MD, MPH	Professor of Epidemiology; Dean, COPH	Public Health Informatics	Interest	UNMC	COPH
Dr. San Ming Wang	Assoc. Professor of Genetics, Cell Biology & Anatomy	Bioinformatics	Affil	UNMC	COM
Pat Leuschen, PhD	Assoc. Professor of Genetics, Cell Biology & Anatomy; Asst. Dean for Research Development, SAHP		Interest	UNMC	MSIA
Jim Rogers, PhD	Assoc. Professor of Mathematics	Mathematical Biology	Affil	UNO	CAS
Harris Frankel, MD	Asst. Professor of Neurological Sciences	Clinical Informatics	Affil	UNMC	COM
Rod Markin, MD	Professor of Pathology & Microbiology; Assoc. Vice Chancellor for Business Development; Chief Technology Officer	Clinical & Bioinformatics	Interest	UNMC	COM
Berthe Choueiry, PhD	Assoc. Professor of Computer Science & Engineering	Bioinformatics		UNL	CAS
Jitender Deogun, PhD	Professor of Computer Science & Engineering	Bioinformatics		UNL	CAS
Peter Revesz, PhD	Professor of Computer Science & Engineering	Bioinformatics		UNL	CAS
Stephen Scott, PhD	Assoc. Professor of Computer Science & Engineering	Bioinformatics		UNL	CAS
Mehmet (John) Vuran, PhD	Asst. Professor of Computer Science & Engineering	Biomedical Sensors		UNL	CAS

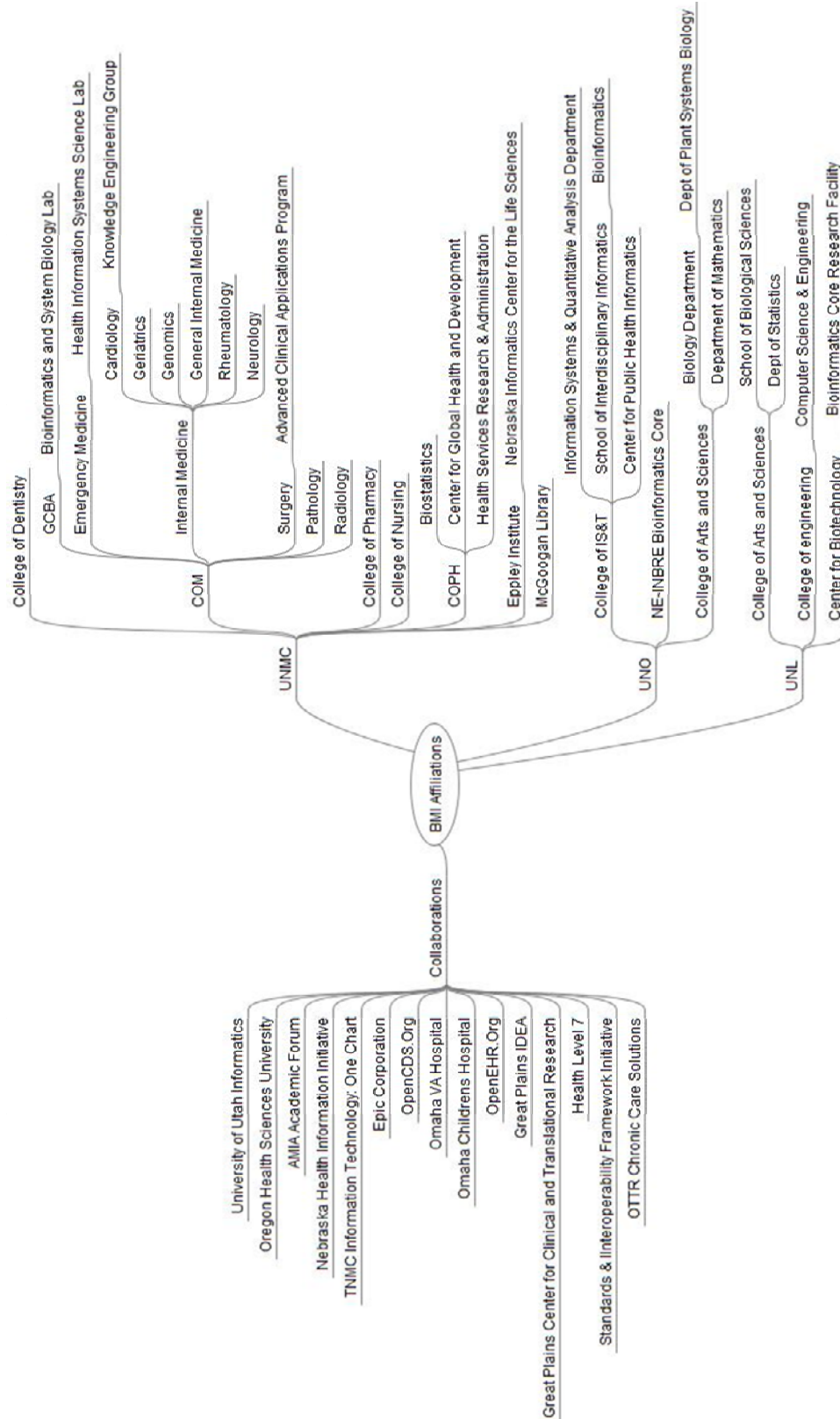
Appendix D: University of Nebraska Peer Group per the Comprehensive Statewide Plan

Institution	Location	Program	URL	Offers?
Ohio State University	Columbus, OH	School of Biomedical Science, IBPG Biomedical Informatics Track,	http://biomed.osu.edu/bmi/index.cfm	Center for IT Innovations in Healthcare (CITIH)
Oregon Health Science University	Portland, OR	THE Department Of Medical Informatics & Clinical Epidemiology	http://www.ohsu.edu/xd/education/schools/school-of-medicine/departments/clinical-departments/dmice/	The premier informatics education institution in the world.
University of Arizona	Tucson, AZ	Bioinformatics core facility in cancer center	http://www.azcc.arizona.edu/research/shared-services/biss	Teams up with ASU to offer informatics
University of Cincinnati	Cincinnati, OH	US Center for Health Informatics; Dept of Biomed Engineering	http://chi.uc.edu/ http://www.eng.uc.edu/dept_biomed/	MS in CTR. BI through BMI dept at U of Cinc
University of Colorado Health Science Center	Denver, Co	Clinical Informatics Core	http://www.ucdenver.edu/academics/colleges/medicalschool/departments/Pharmacology/Pages/bioinformatics.aspx	Most in CON
University of Florida	Gainesville, FL	Office of Medical Informatics	http://medinfo.ufl.edu/	
University of Iowa	Iowa City, IA	Interdisciplinary Graduate Program in Informatics	http://informatics.grad.uiowa.edu/	Health Informatics Track, Bioinformatics and Computational Biology Track
University of Kansas Medical Center	Kansas City, KS	Center for Health Informatics Division of Medical Informatics at KU Medical Center	http://www2.kumc.edu/healthinformatics/ http://informatics.kumc.edu/work/	Offers a 10x10 program
University of Kentucky	Lexington, KY	Division of BMI, degree in development	http://www.ccts.uky.edu/Bic/DivBiomedicalInformatics.aspx	Part of CTSA
University of Oklahoma Health Science Center	Oklahoma City, OK	No unique program. Does have a genome technology center	http://www.genome.ou.edu/	
University of Tennessee-Memphis	Memphis, TN	BI and IM masters	http://www.memphis.edu/binf/	
University of Utah	Salt Lake City, UT		http://www.utah.edu/	Long history of innovation in Informatics

Appendix E: Programs Offered by Big 10 Institutions

Institution	Location	Program	URL	Offers?
U of Illinois	Champaign	Illinois Informatics Institute	https://www.informatics.illinois.edu/icubed/	Undergrad Bioinfo MS Informatics PhD
Indiana U	Bloomington	School of Informatics and Computing	http://www.soic.indiana.edu/index.php	Mostly Bio and other fields
U of Iowa	Iowa City	Interdisciplinary Graduate Program in Health Informatics	http://informatics.grad.uiowa.edu/	Bio Informatics Health Informatics Information Science
U of Michigan	Ann Arbor	Biomedical Informatics Program	http://www.michr.umich.edu/programs/bioinformatics.html	
Michigan State	East Lansing	Biomedical Research Informatics Core	https://www.bric.msu.edu/	Part of CTSA
U of Minnesota	Minneapolis	Institute for Health Informatics	http://www.ihl.umn.edu/	
Northwestern U	Evanston		http://mbp.northwestern.edu/people/alumni2009.html	Online masters
Ohio State	Columbus	School of Biomedical Science, IBPG Biomedical Informatics Track	http://biomed.osu.edu/bmi/courses/ibgpbmitrack/index.cfm	
Pennsylvania State-- Pennsylvania College of Technology	State College	Health Information Technology	http://education-portal.com/health_care_informatics_degree_programs_in_pennsylvania.html	
Purdue U	West Lafayette		http://www.lib.purdue.edu/life/BioinformaticsWeek2005/coursedescrips.html	
U of Wisconsin	Madison	Biostatistics & Medical Informatics	http://www.biostat.wisc.edu/	

Appendix F: Participants in the University of Nebraska Biomedical Informatics Degree Program



Appendix G: Budget Projections

**TABLE 1: PROJECTED EXPENSES -
PROPOSED MS/PhD PROGRAM in Biomedical Informatics
(UNO)**

	(FY 2012-13) Year 1		(FY 2013-14) Year 2		(FY 2014-15) Year 3		(FY 2015-16) Year 4		(FY 2016-17) Year 5		Total	
	FTE	Cost	FTE	Cost	FTE	Cost	FTE	Cost	FTE	Cost	FTE	Cost
Personnel												
Faculty ¹	1	\$93,946	1	\$96,764	1	\$99,667	1	\$102,657	1	\$105,737	1	\$498,772
Professional ²												
Graduate assistants												
Support staff	0.25	\$8,250	0.25	\$8,498	0.25	\$8,752	0.25	\$9,015	0.25	\$9,285	0.25	\$43,800
Subtotal	1.25	\$102,196	1.25	\$105,262	1.25	\$108,420	1.25	\$111,672	1.25	\$115,022	1.25	\$542,572
Operating												
General Operating ³		\$5,000		\$5,000		\$5,000		\$5,000		\$5,000		\$25,000
Equipment ⁴												
New or renovated space ⁵												
Library/Information Resources ⁶												
Other ⁷												\$0
Subtotal		\$5,000		\$5,000		\$5,000		\$5,000		\$5,000		\$25,000
Total Expenses	1.25	\$107,196	1.25	\$110,262	1.25	\$113,420	1.25	\$116,672	1.25	\$120,022	1.25	\$567,572

¹ The proposed degree will not require additional faculty. We currently have adequate FTEs in the program to meet the needs of the degree at this time. We expect to reassign three faculty to the program, one of which will dedicate 0.5 FTE and the other two will dedicate 0.25 FTE each to the program (using average salary to calculate proposed reallocation). We assume a 3% growth in base salary.

² The degree program will not require professional staff. The school of interdisciplinary informatics already has a full-time professional staff person allocated and she will serve the new program.

³ The proposed operating budget is in addition to the current budget available for the School of Interdisciplinary Informatics under which this program will be housed.

⁴ The current equipment is adequate for the new program. Additional equipment will be obtained through grant funds.

⁵ The current equipment and labs are adequate for the program and are funded through grants. Additional equipment or software will be obtained through grant funding.

⁶ The current budget in the college and school are adequate for obtaining library resources.

⁷ Other expenses: Graduate Assistants will be hired using grant funds.

Appendix G: Budget Projections

**TABLE 2: PROJECTED REVENUE SOURCES
PROPOSED MS/PhD PROGRAM in Biomedical Informatics
(UNO)**

	(FY 2012-13)	(FY2013-14)	(FY 2014-15)	(FY 2015-16)	(FY 2016-17)	
	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Reallocation of Existing Funds ¹	\$60,000	\$61,800	\$63,654	\$65,564	\$67,531	\$318,548
Required New Public Funds ²						
1. State Funds						
2. Local Tax Funds (community colleges)						
Tuition and Fees ³	37,644	38,773	39,937	41,135	42,369	\$199,857
Other Funding ⁴						
1 Grants	\$25,000	\$15,000	\$10,000	\$5,000	\$5,000	\$60,000
2						
3						
Total Revenue	\$122,644	\$115,573	\$113,591	\$111,698	\$114,899	\$578,405

¹ The college of IS&T will reallocate current faculty lines in the School of Interdisciplinary Informatics to support the program. A revenue source growth rate of 3% is assumed for each year. It should also be noted that UNO and UNMC will receive tuition revenue from students registered on their own campus. No tuition transfer or distribution is currently envisaged.

² No additional public funds are required for this program.

³ Calculated as 4 new resident students (2 PhD and 2 MS) and 1 new non-resident student taking 9 credit hours/semester in FY 2012-13 plus 6 hours in Summer 2013 (total of 24 credit hours/year), multiplied by resident tuition and fees and increased 3% each year. We anticipate increasing enrollment and adding at least 5 (4+1) additional students per year reaching a steady state of 25 in FY 2015-16. Tuition rates for FY 2012-13 are as follows: \$236.50/credit hour (Resident); \$622.50/credit hour (Non-Resident). Year 2 through 5 reflect additional revenue beyond Year 1. Extra tuition revenue above expenses will be used to reduce use of reallocated funds.

⁴ Current grants will provide additional funds to support program expenses.

⁵ Grants: The amount included is based on current levels of grant funding and may differ based on new grants obtained in the future.

Appendix G: Budget Projections

**TABLE 1: PROJECTED EXPENSES -
PROPOSED MS/PhD PROGRAM in Biomedical Informatics
(UNMC)**

	2012-2013 Year 1		2013-2014 Year 2		2014-2015 Year 3		2015-2016 Year 4		2016-2017 Year 5		Total	
Personnel	FTE	Cost	FTE	Cost	FTE	Cost	FTE	Cost	FTE	Cost	FTE	Cost
Faculty ¹	0.25	\$50,000	0.25	\$51,500	0.25	\$53,045	0.25	\$54,636	0.25	\$56,275	0.25	\$265,457
Professional												
Support staff ¹	0.25	\$12,943	0.25	\$13,331	0.25	\$13,731	0.25	\$14,143	0.25	\$14,567	0.25	\$68,716
Graduate assistants ²												
Subtotal	0.5	\$62,943	0.5	\$64,831	0.5	\$66,776	0.5	\$68,780	0.5	\$70,843	0.5	\$334,173
Operating												
General Operating ³		\$5,000		\$5,000		\$5,000		\$5,000		\$5,000		\$25,000
Equipment ⁴												
New or renovated space ⁵												
Library/Information Resources ⁶		\$20,000		\$20,000		\$20,000		\$20,000		\$20,000		\$100,000
Other ⁷												
Subtotal		\$25,000		\$25,000		\$25,000		\$25,000		\$25,000		\$125,000
Total Expenses	0.5	\$87,943	0.5	\$89,831	0.5	\$91,776	0.5	\$93,780	0.5	\$95,843	0.5	\$459,173

¹ .25 FTE Directorship (expenses shown reflect salary and benefits). 3% inflation - These are reallocated funds. Professional staff will be with affiliated units. Support Staff (A Seidler, Emergency Department Research Assistant) at .25 FTE assuming 3% raise/year.

² Research assistantships covered by associated laboratory through grants and possibly Program of Excellence funds . Not in this budget.

³ Travel to AAMC and AMIA conferences, presentation costs, printing costs, telecommunications costs, AMIA academic forum membership

⁴ Currently no additional equipment is requested.

⁵ Existing facilities will be used.

⁶ An initial investment of \$20,000 is planned to enhance BMI related library materials from tuition-generated revenue.

Appendix G: Budget Projections

**TABLE 2: PROJECTED REVENUE SOURCES
PROPOSED MS/PhD PROGRAM in Biomedical Informatics
(UNMC)**

	2012-2013 Year 1	2013-2014 Year 2	2014-2015 Year 3	2015-2016 Year 4	2016-1017 Year 5	Total
Reallocation of Existing Funds ¹	\$50,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$230,000
Required New Public Funds ²						
1. State Funds						
2. Local Funds						
Tuition and Fees ³	61,644	\$63,493	\$65,398	\$67,360	\$69,381	\$327,276
Other Funding ⁴						
Total Revenue ⁵	\$111,644	\$108,493	\$110,398	\$112,360	\$114,381	\$557,276

¹ Faculty expenses will be reallocated from their current department budgets in support of the BMI program. At least one faculty equivalent to 0.25 FTE will be utilized. It should also be noted that UNO and UNMC will receive tuition revenue from students registered on their own campus. No tuition transfer or distribution is currently envisaged. Reallocated budget will be reduced as increasing tuition income permit.

² No new public funds are requested

³ Calculated as 16 new resident students (10 PhD and 6 MS) and 1 new non-resident student with tuition for 2012-13 at \$274.75/credit hour instate, \$741/credit hour outstate. Outstate students will increase as distance curriculum is built. It is estimated that 10 existing UNMC graduate students to transition into new program with expectation to increase to 12 PhD and 10 MS with 3 distance. Full time is 24 credits a year (9 Fall-9 Spring-6 Summer). Assume 3% annual tuition inflation. Assumes 50% tuition return to program. Rounded to nearest \$1. Year 2-5 reflect additional revenue beyond Year 1. Tuition income beyond expenses will be used to reduce reallocated portion of the budget.

⁴ Grant revenues vary and are restricted so they are not reflected here. Three to four student assistantships per year are likely to be covered on faculty grants.

TO: The Board of Regents
Academic Affairs

MEETING DATE: January 25, 2013

SUBJECT: Honorary Degrees and Awards

RECOMMENDED ACTION: Approve the award of Honorary Degrees and Awards [Please note: this item will be voted on after the Closed Session]

PREVIOUS ACTION: The Board of Regents approved the current policies for awards found in the *University of Nebraska Board of Regents Policies* under RP-1.5.1 through RP-1.5.5.

EXPLANATION: None

PROJECT COST: None

SOURCE OF FUNDS: None

SPONSORS: The Board of Regents Committee on Honorary Degrees and Awards

RECOMMENDED: James B. Milliken
President

DATE: December 19, 2012

TO: The Board of Regents Addendum X-B-1
Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: Financial Statements and related Auditors' Report for the University of Nebraska

RECOMMENDED ACTION: Accept the audited financial statements of the University of Nebraska and related entities.

PREVIOUS ACTION: January 28, 2012 – The Board of Regents accepted the audited financial statements of the University of Nebraska for the year ended June 30, 2011.

EXPLANATION: This item seeks acceptance of the following audited financial statements of the University of Nebraska and related entities for the year ended June 30, 2012:
Basic Financial Statements
Master Trust Indenture
University Technology Development Corporation
University of Nebraska Facilities Corporation

These financial statements come to the Board with the approval of the Audit Committee.

Members of the public and news media may obtain a copy of the audits in the Office of the Senior Vice President and CFO, 3835 Holdrege Street, Lincoln, Nebraska 68583, between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday, except University holidays.

SPONSORS: David E. Lechner
Senior Vice President and CFO

James B. Milliken
President, University of Nebraska

RECOMMENDED: Bob Phares, Chair
Audit Committee

DATE: December 19, 2012

TO: The Board of Regents Addendum X-B-2

Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: Change in *Policies of the Board of Regents* relating to real property leases

RECOMMENDED ACTION: Approve amendment of RP-6.3.1.4(r) of the *Policies of the Board of Regents*

PREVIOUS ACTION: None

EXPLANATION: Section 6.3.1.4 of the *Policies of the Board of Regents* currently requires every lease of real property by the University to be reported to the Board regardless of the amount of the lease. As it exists, this policy has agreements that are clearly de minimus items being reported to the Board. This action, if approved would relieve reporting burdens placed on campuses while assuring that leases representing long-term commitments meeting set dollar thresholds continue to come to the attention of the Board.

Section 6.3.1.4 (r) would be amended to read as follows:

4. President's Administrative Authority to Approve and Execute Contracts

Pursuant to Section 6.4 of the *Bylaws*, the President shall have authority to approve and to execute the following types of contracts:

(r) Any contract granting to the University a lease of or license to use or occupy real property where (1) the term of the lease or license does not exceed ten years, and (2) the total rent or license fees payable by the University over the full term of the lease or license do not exceed \$400,000 \$250,000; ~~provided that a written report of each such lease or license contract for a term in excess of one year shall be made to the Board of Regents at its next regular meeting subsequent to execution of the contract.~~

PROJECT COST: None

SOURCE OF FUNDS: N/A

SPONSOR: David E. Lechner
Senior Vice President and CFO

RECOMMENDED: James B. Milliken, President
University of Nebraska

DATE: December 19, 2012

TO: The Board of Regents Addendum X-B-3

Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: 2013-2015 University of Nebraska at Kearney Collective Bargaining Agreement

RECOMMENDED ACTION: Approve amendments to the Collective Bargaining Agreement between the Board of Regents and the University of Nebraska at Kearney Education Association (UNKEA) for the 2013-2015 biennium. [Please note: this item will be voted on after the Closed Session]

PREVIOUS ACTION: March 11, 2011 – The Board of Regents approved amendments to the Collective Bargaining Agreement.

EXPLANATION: The amendments to the Bargaining Agreement were made pursuant to Neb. Rev. Stat. §§ 81-1369 through 81-1390, and §§48-801 through 48-842. The key economic element of the agreement is a 2% salary increase in the first year of the contract and a 2% salary increase in the second year of the contract for the 2013-2015 biennium.

With the exception of changes (i.e., appropriate dates and minor language revisions) no other issues were in dispute.

By statute, once these amendments are approved by the Board, they become effective upon ratification by the UNKEA.

PROJECT COST:	<u>Year Ending June 30,</u>	
	<u>2013</u>	<u>2014</u>
Percentage Increases	2%	2%
Salary	\$402,393	\$410,440
Corresponding Benefits	<u>58,346</u>	<u>59,514</u>
Total	<u>\$460,739</u>	<u>\$469,954</u>

(Cost represents only the bargaining unit costs)

SOURCE OF FUNDS: General Funds/Cash Funds

SPONSORS: Ed Wimes
Assistant Vice President and Director of Human Resources

Barbara L. Johnson
Vice Chancellor for Business and Finance

Douglas A. Kristensen, Chancellor
University of Nebraska at Kearney

RECOMMENDED: James B. Milliken, President
University of Nebraska

DATE: January 9, 2013

TO: The Board of Regents Addendum X-B-4

Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: 2013-2015 University of Nebraska at Omaha Collective Bargaining Agreement

RECOMMENDED ACTION: Approve amendments to the Collective Bargaining Agreement between the Board of Regents and the University of Nebraska at Omaha American Association of University Professors (UNO/AAUP) for the 2013-2015 biennium. [Please note: this item will be voted on after the Closed Session]

PREVIOUS ACTION: March 11, 2011 – The Board of Regents approved amendments to the Collective Bargaining Agreement.

EXPLANATION: The amendments to the Bargaining Agreement were made pursuant to Neb. Rev. Stat. §§ 81-1369 through 81-1390, and §§48-801 through 48-842. The key economic element of the agreement is a 2% salary increase in the first year of the contract and a 2% salary increase in the second year of the contract for the 2013-2015 biennium.

With the exception of changes (i.e., appropriate dates and minor language revisions) no other issues were in dispute.

By statute, once these amendments are approved by the Board, they become effective upon ratification by the UNO/AAUP.

PROJECT COST:

	<u>Year Ending June 30,</u>	
	<u>2013</u>	<u>2014</u>
Percentage Increases	2%	2%
Salary	\$712,336	\$726,583
Corresponding Benefits	<u>103,000</u>	<u>105,000</u>
Total	<u>\$815,336</u>	<u>\$831,583</u>

(Cost represents only the bargaining unit costs)

SOURCE OF FUNDS: General Funds/Cash Funds

SPONSORS: Ed Wimes
Assistant Vice President and Director of Human Resources

B.J. Reed
Senior Vice Chancellor for Academic and Student Affairs

John E. Christensen, Chancellor
University of Nebraska at Omaha

RECOMMENDED: James B. Milliken, President
University of Nebraska

DATE: January 9, 2013

TO: The Board of Regents Addendum X-B-5

Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: Program Statement and Budget for the Nebraska Veterinary Diagnostic Center at the University of Nebraska-Lincoln

RECOMMENDED ACTION: Approve the Program Statement and Budget for the Nebraska Veterinary Diagnostic Center at the University of Nebraska-Lincoln

PREVIOUS ACTION: None

EXPLANATION: The proposed project will be a 65,000 gross square foot facility (40,000 net square feet) to replace the existing inadequate and outdated 18,000 gross square foot building (9,000 net square feet) on a new site on East Campus. The new facility will include diagnostic and research labs, animal labs, offices and support facilities. The new Nebraska Veterinary Diagnostic Center (NVDC) will effectively address the emerging bio-containment and bio-terrorism issues associated with contemporary food and animal safety to meet and exceed American Association of Veterinary Laboratory Diagnosticians accreditation standards.

State funding for the NVDC was approved by the Nebraska Legislature in 2012 as part of the University's "Healthier Nebraska Initiative." LB968 provides for funding of not less than \$6,093,000 for a period of nine years to construct the NVDC upon obtaining \$5 million of private or other funds.

The program statement and budget have been reviewed by the Business Affairs Committee and are recommended for approval.

Construction of the project will begin after commitments for all funding are in place and authorization to proceed is received from the President.

Proposed start of construction	August 2014
Proposed completion of construction	August 2016

PROJECT COST: \$45,644,000

ON-GOING FISCAL IMPACT:	Annual Operating Costs	\$498,000
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SOURCE OF FUNDS:	State Funds	\$40,644,000
	Private or other funds	5,000,000

SPONSOR: Christine A. Jackson
Vice Chancellor for Business and Finance

RECOMMENDED: Harvey Perlman, Chancellor
University of Nebraska-Lincoln

DATE: December 19, 2012

University of Nebraska-Lincoln (UNL)
Nebraska Veterinary Diagnostic Center
Program Statement

Campus: UNL City Campus
Date: January 25, 2013
Prepared by: UNL Facilities Planning

Phone No. (402) 472-3131

1. Introduction

a. Background and History

For almost 40 years, the University of Nebraska – Lincoln has operated a full service veterinary diagnostic laboratory called the Nebraska Veterinary Diagnostic Center (NVDC) to protect animals and humans from the health threats of disease and toxic substances. It is located on East Campus, a program of the Institute of Agricultural and Natural Resources (IANR).

The existing facility became the central, full-service laboratory serving the entire state after two satellite laboratories were closed within the last 10 years due to budget cuts. It is now outdated, over-crowded and not ADA compliant. Renovations are extremely difficult and expensive while maintaining building operations. Following an accreditation visit, the American Association of Veterinary Laboratory Diagnosticians (AAVLD) accreditation team identified a number of issues that must be addressed immediately and incrementally for the current facility to meet accreditation standards.

In March 2009, the University hired ED2 International, veterinary facilities planners to assess the current NVDC facilities. As a result of their findings, UNL decided to develop a project to replace and expand the building with a new building so essential operations of the existing facility could be maintained.

b. Project Description

The proposed Nebraska Veterinary Diagnostic Center building will be a 65,624 gross square foot facility (40,682 net square feet), which will include diagnostic and research labs, offices, animal labs and support facilities.

Major functional areas include:

- Necropsy
- Virology/Serology/Wildlife
- Bacteriology
- Histology

The new NVDC building will address emerging bio-containment and bio-terrorism issues associated with contemporary food, animal and public health

safety. There will be improved diagnostic service, bio-security and instructional capacity, expanded research capacity and public health safety. It will be equipped with sophisticated, sustainable, safe and flexible twenty-first century instrumentation.

During construction, the existing NVDC will continue diagnostic testing of deceased and euthanized animals, animal tissues, blood, serum, plasma, feed and environmental samples. Animal owners can drop off samples, but generally will use the NVDC through their veterinarians who have expertise in selecting, shipping, and preparing the proper specimens for testing.

In the proposed building, administrative, office and office support functions will be designed to a minimum of Bio-safety Level 1 (BSL-1). Diagnostic laboratories necropsy and laboratory support will be designed to a minimum of Bio-safety Level 2 (BSL-2) standards.

The project will permit an expansion of services with the inclusion of an Animal Bio-safety Level 3 (ABSL-3) laboratory allowing work with biological hazards in small animals. The form of highly pathogenic airborne microorganisms worked within this laboratory pose a serious risk of infection from inhalation or direct contact with infectious agents. This essential facility element provides restricted access control through interlocked door sets, and containment is achieved through the use of bio-safety cabinets, negative directional air flow into the laboratory, 100% ducted ventilation, HEPA-filtered exhaust, durable, easily cleaned and impervious interior surfaces, along with shower-out and autoclave-out for decontamination.

The site for the project is an existing recreation field on UNL East Campus to the west of the Life Sciences Annex and northwest of the Veterinary Medicine and Biomedical Sciences Hall (VBS).

c. Purpose and Objectives

The Nebraska Veterinary Diagnostic Laboratory's mission is to assist veterinarians, their clients, and others responsible for animal and public health in the detection, prevention and understanding of disease. The faculty and staff will approach this task by providing accessible, accountable, timely and accurate diagnostic and research services; sharing information generated through scholarly publication, meeting presentations, and direct communication; and through supporting animal health education programs.

The objectives are as follows:

- 1) Identify and solve infectious diseases to:
 - a. Prevent their spread
 - b. Minimize animal losses
 - c. Determine the causes of death of individual animals and the animal

- population
- d. Provide an early warning system for impending epidemics
- 2) Aid in the selection of appropriate preventative and therapeutic measures to:
 - a. Prevent disease
 - b. Avoid unwanted extermination of livestock, equine and wildlife populations
- 3) Improve homeland security/anti-bioterrorism capabilities
- 4) Support and partner with referring practitioners
- 5) Serve as sentinels of human diseases by:
 - a. Identifying potential exposures to zoonotic diseases
 - b. Determining environmental pollutants with known human carcinogenic potentials that may threaten human and animal health
- 6) Safeguard public health by:
 - a. Alerting animal owners and family members of possible health risks
 - b. Advocating good nutritional and food safety practices
 - c. Developing strategic action plans to control and eradicate potential outbreaks of infectious diseases
- 7) Recognize and disseminate new knowledge
- 8) Develop research methodologies to improve testing, prevention and treatment of infectious diseases
- 9) Invent interdisciplinary lab procedures/instrumentation
- 10) Train caring veterinary students, technicians and veterinarians in the problem solving approach to disease diagnosis through enhanced learning environments
- 11) Contribute to emotional closure to grieving processes
- 12) Uncover and document cases of animal abuse

2. Justification of the Project

- a. Data which supports the funding request

The Nebraska Veterinary Diagnostic Center collaborates with Nebraska Public Health Laboratories to help safeguard public health in the State of Nebraska. The NVDC has diagnostic capabilities for infectious, metabolic, toxicological and genetic diseases that directly affect both human and animal health. There are 868 zoonotic pathogens – “zoonotic meaning they can be transmitted between humans and animals.” Another 175 pathogenic species associated with disease are considered to be evolving.

This effort is part of a larger, nation-wide public health service. Each month, the NVDC reports identification of designated diseases to the State Department of Agriculture and the Department of Health and Human Services, which, in turn, report that information to federal agencies. In this way, the NVDC is part of the backbone of the U.S. disease surveillance system. Early detection of disease protects both people and animals.

In addition to protecting public health, the NVDC plays an equally critical role in preserving the health of Nebraska's economy by helping to safeguard the health of the livestock industry. Agriculture is Nebraska's leading industry. Animal agriculture products accounted for 54.2 percent of this industry. In 2010, the value of animal agriculture products in Nebraska was \$8.4 billion. Even a one percent loss in profit due to disease results in an \$84 million loss.

The NVDC is involved in companion animal diagnostics as well. While production-animal diseases are reported in dollar value of the animal affected, with companion animals, the value is related to emotional attachment and physical and mental health benefits for humans.

The NVDC facility is essential in caring for Nebraska's wildlife population. Working in cooperation with the Nebraska Game and Parks Commission, the NVDC detected Chronic Wasting Disease in Nebraska deer and captive elk herds in 2000 and continues to monitor the spread of this disease closely in western Nebraska.

The current NVDC facility was constructed in 1975. In the intervening 37 years, Nebraska and our nation have become much more aware of the importance of having sound bio-security systems in place. In addition, the body of knowledge has increased and technology has evolved. Although the building met the standards in place in 1975, today it fails to meet the current accrediting standards of the American Association of Veterinary Laboratory Diagnosticians (AAVLD).

The NVDC is an essential resource of the State of Nebraska. The development of a state-of-the-science full-service central veterinary research and diagnostic laboratory in Lincoln is critical if it is to continue to:

- Provide an outstanding diagnostic service and research program that addresses important animal disease and public health concerns.
- Be a referral source for regional veterinarians and establish signature programs in animal health.
- Remain a leader in veterinary medical education with the flexibility to meet the challenges of this dynamic health profession.

The priorities for addressing the deficiencies of facilities that were established by the School of Veterinary Medicine and Biomedical Science are as follows:

- Human Life Safety
- Code Compliance
- Environmental Health and Infectious Disease Isolation
- Bio-security/Bio-containment
- Accreditation – AAVLD Physical Facilities and Equipment
- Infrastructure and Building Upgrade
- Animal Safety and Welfare
- Expansion Space, New and Anticipated AAVLD compliance

b. Alternatives considered:

Two alternatives to the proposed project are to renovate and expand the existing building (while making some provision to continue operation and to close the NVDC and allow a State-operated or a contractor-operated facility to provide the essential diagnostic and public health functions.

In 2012, the University hired the team of RDG (Omaha) and SRG (Portland) to confirm the recommendations of ED2 that a new building would be more cost effective primarily because the space arrangement lacks coherence and is extremely inefficient in accommodating the work flow. In the 37 years since the building was constructed, growth was accommodated by eliminating inpatient wards and capturing corridors for storage and other functions. As a result of ad hoc decisions and renovations, there is a co-mingling of public and private, clean and dirty, noisy and quiet, public and secure functions.

The poor functional arrangement has resulted in

- Fragmented components (administrative, diagnostic, instructional and research) which lack consolidation and coherence
- Security problems resulting in splintered public access and lack of control
- Permitting unauthorized access into sensitive areas
- Dispersed departments and programs which prevent consolidation of staff and resources
- Poor bio-hazard containment and isolation due to inability to monitor and control dispersed areas

The solution to these problems requires a complete rearrangement of space and the creation of new circulation paths. Renovation of the existing building would involve complete demolition and reconstruction of the building interior. This type of “gut renovation” is expensive, and requires additional costs to continue to provide services during construction.

One option would be to relocate the functions in the NVDC during renovation. There is no contiguous space on campus large enough where the services could be relocated. Off campus space would need to be rented, which would be costly. In addition, it is unlikely that suitable space could be found for these specialized functions that did not require extensive renovation. A second option would be to phase the construction so that parts of the NVDC could remain in operation during construction. Phasing would increase the project cost by lengthening the construction time. In addition, precautions would have to be taken to be sure the “clean areas” were not compromised by the dirt and disorder of construction and that security is maintained in sensitive areas. These solutions are sub-optimal and would incur significant costs.

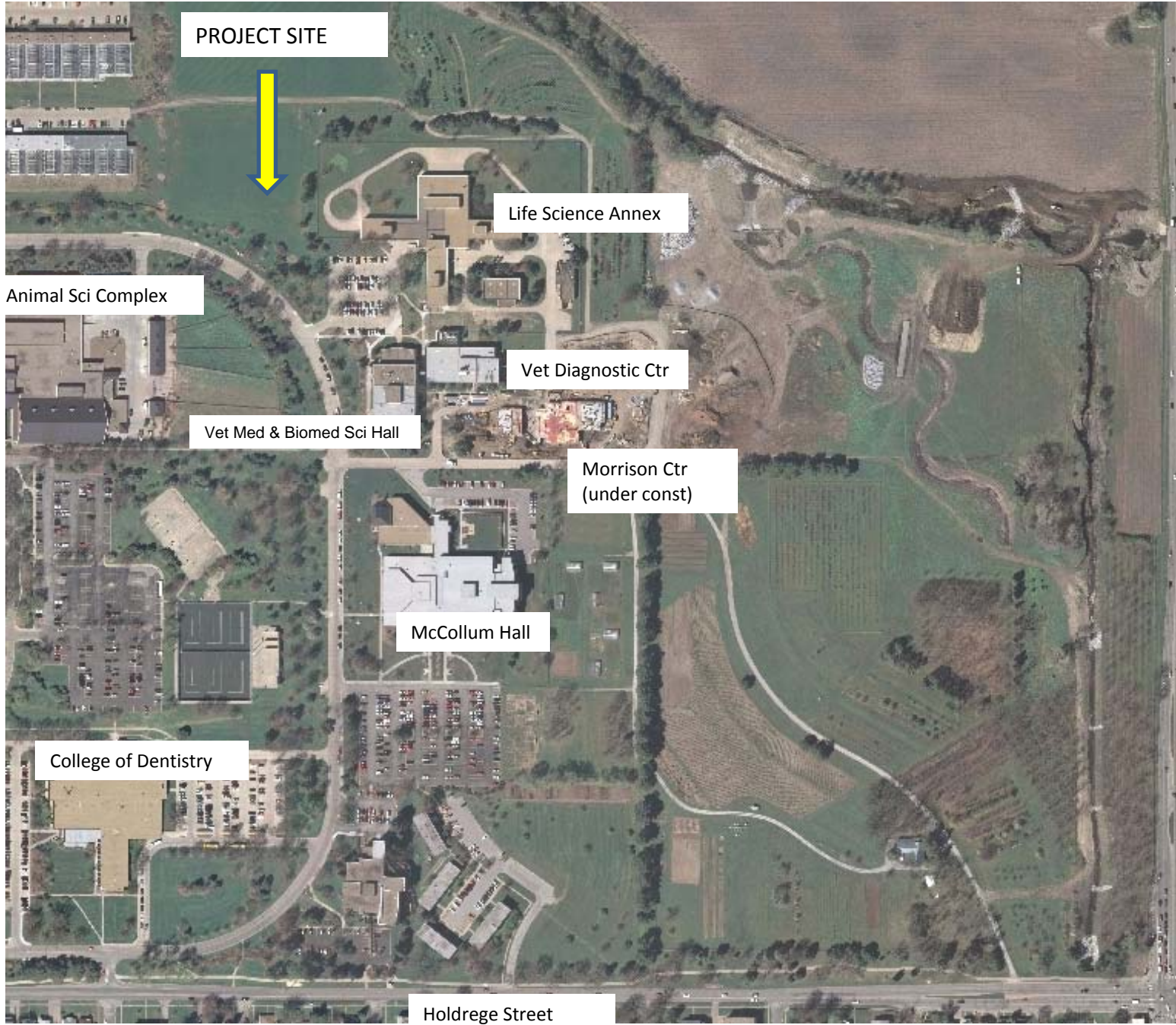
Another alternative to new construction is to allow these services to be provided by the private sector or a state-operated laboratory. Aside from the start-up costs of developing and staffing such a laboratory, both the State and the University would suffer from the separation of the diagnostic laboratory from the education and research missions of the University. Students in the first two years of the University of Nebraska–Lincoln and the Iowa State Professional Program in Veterinary Medicine would be deprived of practical lab and diagnostic experience.

The UNL researchers contribute to the development of diagnostic medicine, thus expanding the knowledge to a much greater degree than would be expected in a laboratory operated by laboratory technicians working in a private or state-operated lab. The School of Veterinary Medicine and Biomedical Sciences has a responsibility to the people of Nebraska to act with integrity and to strive for excellence in diagnostics, research, instruction and public service. In the area of diagnosis, the School plays a unique role in that it is staffed by researchers rather than technicians. This maintains a “culture of research” in which the laboratory scientists seek to discover the significance of the data collected and analyzed, and place it in the larger context of research and scholarly activities.

3. Location and Site Considerations

- a. County
Lancaster
- b. Town or campus
University of Nebraska-Lincoln East Campus
- c. Proposed site

Figure 1 Campus Site Location



- d. Statewide building inventory
New building – Not applicable
- e. Influence of project on existing site conditions

(1) Relationship to neighbors and environment

The project will be located on existing recreation fields in the northeast section of the built area of East Campus (west of the research fields and east of the existing greenhouses). It is in the research sector which includes buildings such as the Veterinary Medicine and Biomedical Sciences Hall, the Life Sciences Annex, and the Morrison Center for Virology. It is also near support facilities such as the Animal Holding Facility and the Sewage Sterilization Plant.

The site was chosen because of the availability of utility infrastructure, a sufficient ratio of gross building area to available site, and convenient access from the loop road with turning radii for large stock trailers and truck deliveries.

The site is generally sloping south to north toward the existing swale called “Dead Man’s Run,” and east to west to a drainage swale west of the existing greenhouses. Most of the site is currently softscape lawn for recreation, so removal of organic materials will be required prior to grading operations. A geotechnical report will be prepared to determine if there is a need to replace any soil on the site.

(2) Utilities

Water service is provided by the City of Lincoln via the East Campus water distribution system. The sewage system is connected to the existing domestic system processed at the Lincoln Sewage Treatment Plant. However, the City will not be receiving any contaminated wastes from the project, and the bio-hazardous wastes generated will have to be treated on site with a heat treatment system. The facility will be heated and cooled by connecting the East Campus Central Utility Plant. Electricity and fiber optics are also available.

(3) Parking and circulation

The area is primarily served by a 73 space parking lot north of the Veterinary Medicine and Bio-medical Sciences Hall, a 14 space lot south of the existing building, and a 47 space lot east of the Morrison Center. Approximately nine parking spaces are available off the East Campus Loop Drive.

Clear orientation and improved vehicular circulation must be addressed in the design of the NVDC. Although the site is visible and accessible from the East Campus Loop Road, there will be limited vehicular traffic within the site.

The entry drive will require a larger turning radii and straight drive-through parking for stock and horse trailers. The project will add approximately 30 parking spaces on the site which will include short term parking spaces for members of the public.

4. Comprehensive Plan Compliance

a. University of Nebraska Strategic Framework

This project complies with the objectives of the University Strategic Planning Framework for 2008-2011, Campus Roles and Mission and the Campus Strategic Plan:

The project is in compliance with the following goals of the Investing in Nebraska's Future - Strategic Planning Framework 2010 – 2013:

2. The University of Nebraska will build and sustain undergraduate, graduate and professional programs of high quality with an emphasis on excellent teaching.
 - b. Pursue excellence through focus on targeted programs in areas of importance to Nebraska where the university can be a regional, national or international leader (e.g. agriculture and natural resources, life sciences, information technology and architectural engineering).
 - ii. Resource allocation shall take advantage of distinct campus roles and missions to achieve overall university goals.
4. The University of Nebraska will pursue excellence in regional, national and international competitiveness in research and scholarly activity, as well as their application, focusing on areas of strategic importance and opportunity.
 - d. Improve the quantity and quality of research space through public and private support.
 - e. Focus on areas of strength in research where the university has the opportunity for regional, national, and international leadership and in areas of strategic importance to the health and economic strength of Nebraska (e.g., agriculture and life sciences; natural resources, especially water; prevention and cure of diseases such as cancer; and early childhood education).

b. UNL Campus Master Plan

The project will support the following goals that are listed in the UNL Physical Master Plan.

- Provide appropriate facilities and equipment for high priority research projects.

- Give continued attention and a high priority to the safe handling and disposal of bio-hazardous materials.
- c. Statewide Comprehensive Capital Facilities Plan or CCPE Project Review Criteria/Statewide Plan (whichever applies)

The Statewide Comprehensive Facilities Plan includes the following major statewide goals:

Nebraskans will advocate a physical environment for each state's postsecondary institutions that supports its role and mission; is well utilized and effectively accommodates space needs; is safe, accessible, cost-effective, and well maintained; and is sufficiently flexible to adapt to future changes in programs and technologies.

This project supports the university's role and mission in both research and service to the citizens of the state. The current facilities are over-crowded and needs improved space to continue to provide services and comply with current and evolving accreditation standards.

5. Analysis of Existing Facilities

- a. Functions/purpose of existing programs as they relate to the proposed project

Bacteriology

Bacteriology is the branch of Microbiology concerned with bacteria. This section identifies potential and known disease-causing bacteria using a combination of standard bacteriological plate reading and identification methods, in addition to new techniques such as polymerase chain reaction and other molecular diagnostic techniques. The bacteriology section has three basic areas: routine bacterial isolation; identification for susceptibility or resistance to a variety of antibiotics; and specialized testing where bacteria that need special mediums and growth requirements are tested.

Decontamination/Washing/Sterilization/Storage and Media Preparation

A major maintenance factor is the decontamination of incoming contaminated bio-hazard bags, plastic/glassware and non-mechanical equipment. The project will require a centralized clean-up laboratory with a separate outgoing of clean plastic and glassware and controlled dispensing of pure water, clean media and reagents back to all laboratory sections located away from the incoming dirty entrances.

Histology & Immuno-Histo-Chemistry

Histology is the branch of anatomy dealing with preparing tissues for microscopic examination. The function of the Histopathology section is to prepare and

process tissues removed surgically and in the necropsy area for microscopic examination by pathologists.

Molecular Diagnostics

This section provides procedures and detection methods reliant on molecular biology and associated technology to test for animal disease agents that have proven difficult to address using traditional organism and antigen detection techniques. In the existing facility, two major lab sections, Virology/Serology/Wildlife Disease and Bacteriology/Parasitology are performing this service.

Parasitology/Clinical Pathology

Parasitology is the branch of Microbiology concerned with parasites. This section identifies potential disease-causing parasites using a combination fecal flotation, direct examination, antigen testing methods and polymerase chain reaction and other molecular diagnostic techniques.

Pathology/Routine BLS-2Necropsy

The necropsy area provides service in surgical biopsy and post-mortem examination. Pathologists evaluate gross microscopic changes found in necropsy and biology specimens and correlate them with other laboratory test results. Necropsy rooms are potentially one of the most bio-hazardous areas of the laboratory due to the use of chemical tissue preservatives and the infectious organisms to which the dissectors are potentially exposed.

Serology

Serology deals with the measurement of antibodies in the blood of animals. Antibodies develop in response to an infection with a pathogenic agent (virus, bacteria, parasite, etc.) and may be used as an indicator of exposure to the agent. Serology is divided into three interrelated but separate components:

- Diagnostic Serology – Testing to diagnose disease in animals
- Regulatory Serology – Testing for clients needing to comply with U.S. Federal (and other countries’) requirements for import/export and inter/intrastate movement of animals
- Surveillance Serology – Large volume testing on groups of animals to monitor exposure to particular agents

Virology/Immunology

Virology is the branch of Microbiology concerned with viruses. This section identifies potential and known disease-causing viruses using a combination of cell culture, fluorescent antibody techniques, antigen detection, ELISA (Enzyme-linked immunosorbent assay), electron microscopy, polymerase chain reaction and other molecular diagnostic techniques.

Wildlife Disease Laboratory

As a subsection under the Virology/Serology lab section, this diagnostic lab group monitors the health and well-being of Nebraska's wildlife. Services include handling bio-diverse specimens from animals (e.g., deer, elk, cougars, bison, fish and migratory birds) that have died from an infectious disease.

Computing/Multimedia and Telecommunications Services

This section performs information technology, telecommunication services and data capture and case reporting services to the veterinary, technical and administrative personnel of the NVDC. The primary goals are the efficient, timely and accurate output of laboratory test results.

Development and Quality Control/Quality Assurance Program Training

A dedicated laboratory suite will be created for the following purposes:

- Prepare and develop new applied research and improved diagnostic procedures and instrumentation.
- Formulate and assign interdisciplinary problem-solving teams and to foster innovative intradepartmental collaboration.
- Sustain continued education, regulatory revision awareness and on-the-job training programs for veterinary post-doctoral students, principal investigators, laboratory sectional supervisors, technicians and assistants.
- Maintain and advance proper laboratory administrative protocols, chains of custody of samples and specimens, Quality Assurance and Quality Control program training.
- Sensitize staff recognition toward bio-terrorism, bio-safety and bio-security issues, early warning/emergency response, personnel life and environmental health and life safety that is critical to efficient staffing patterns and effective facility operations.
- Emphasize excellence in laboratory management, facility planning and monitoring staff vaccination.
- Enhance statewide industry outreach and extend service responsiveness.
- Develop achievable strategic planning in livestock disease surveillance, outbreak controls, prevention and eradication.

- b. Square footage of existing areas
See 5.c
- c. Utilization of existing space by facility, room, and/or function

EXISTING SPACE IN NE VET DIAGNOSTIC CTR		
Space Description	Room Use Code	Existing NASF
Laboratory Facilities		
Research Laboratory	250	1,871
Research Laboratory Service	255	110
TOTAL CATEGORY 200		1,981
Office Facilities		
Office- Administration and staff	310	955
Office- Faculty	310	398
Office - Research	310	374
Office- Graduate students	310	168
Office Service	315	197
TOTAL CATEGORY 300		2,092
General Use Facilities		
Staff Lounge	650	314
Lounge Service	655	101
TOTAL CATEGORY 400		415
Support Facilities		
Central Storage	730	160
Unit Storage	780	33
TOTAL CATEGORY 700		193
Health Care Facilities		
Veterinary Medicine Surgery Service	845	271
Treatment/Examination Room	850	189
Treatment/Examination Room Service	855	303
Diagnostic Service Laboratory	860	2,580
Diagnostic Service Lab Support	865	1,059
TOTAL CATEGORY 800		4,402
TOTAL ASSIGNABLE SQUARE FOOTAGE		9,083

- d. Physical deficiencies
 The architecture and planning firm ED2 team and West Plains Engineering evaluated the UNL NVDC facilities in 2008. Their findings were described in a letter from Peter Wong, dated March 17, 2008. The summary of the finding is presented as follows:

Compromised life safety, testing precision and non-code compliance:

- Potential negative effects to incoming specimens to students, faculty and staff with disabilities
- Impediments and potential compromise to accuracy and validity of diagnostic data

Lack of facilities:

- Cross contamination of contagious pathogens and diseases
- Problematic difficulties in bio-containment and bio-security access and control
- Deficient separation and storage of bio-hazardous and incompatible materials

Insufficient facilities:

- Obsolete, dysfunctional and inflexible layout
- Inadequate energy management and sustainability capabilities
- Costly life-cycle operations, upkeep, repairs and extensive deferred maintenance shortcomings

Non-conformance to anticipated accreditation standards:

Inefficient and defective spaces and understaffing:

- Incoherent, dysfunctional and inflexible layout
- Overcrowded working conditions.
- Conflicting work flows
- Institutional, unwelcoming and dated physical appearance
- Poorly defined entrances and confusing way-finding
- Outdated technology and equipment
- Deteriorated interior finishes and vermin infestation
- Discomfort caused by inability to monitor and control temperatures and humidity settings

The deficiencies of the current facility affect:

- The safety of the building occupants and the general public
- The efficiency of work performance and space utilization
- Quality control (diagnostic laboratory, instructional and administrative process or procedures)

- e. Programmatic deficiencies
Poorly planned, fragmented space has resulted in the following deficiencies in the operation of programs in this facility:
- Lack of control over access to sensitive areas
 - Inability to consolidate space and cooperatively use staff and equipment
 - Scattered biohazards which creates difficulty in controlling and containing these areas
 - Fragmented operations leave valuable staff interaction time to happenstance, which may result in missed opportunities for meaningful collaboration
 - Facilities that fail to meet Center for Disease Control, National Institute of Health bio-containment and funding guidelines which will disqualify the University for future matching grants
- f. Replacement cost of existing building
Replacement cost is the amount the University would have to pay, in the present time, to replace the building.

The Facilities Management Information Report dated June 30, 2010 states that the replacement cost of the existing Vet Diagnostic Laboratory is \$4,829,409 for insurance purposes.

6. Facility Requirements and the Impact of the Proposed Project

- a. The purpose of the proposed program is to provide appropriate laboratory and support space to improve work environments for building occupants, increase efficiency by configuring both space and building layout to facilitate the flow of samples, and provide specialized laboratory space needed for contemporary diagnostic functions. All laboratory and laboratory support space will be designed for Bio-safety Level 2 (BSL-2) in accordance with the current edition of the Center for Disease Control /National Institutes of Health "Bio-safety in Microbiological and Biomedical Laboratories."

The program includes an Animal Bio-safety Level 3 (ABSL-3) site that will allow work with infectious agents that cannot be used in a standard laboratory environment. This suite will be supported by animal care facilities in the adjoining Life Sciences Annex building.

b. Space requirements

(1) Square footage by individual areas and/or functions

Description		Space Code	Quantity	NSF	Total NSF
LS9	Research Lab	250	1	2,200	2,200
	Subtotal Lab				2,200
N8	Necropsy Sample Login	255	1	64	64
LS11	Research Lab Support	255	1	440	440
	Subtotal Lab Support				504
TOTAL CATEGORY 200					2,704
LO1	Supervisor	310	1	140	140
LO2	Technicians	310	5	36	180
LO3	Supervisor	310	1	140	140
LO4	Technicians	310	7	36	252
LO5	Supervisor	310	1	140	140
LO6	Technicians	310	6	36	216
LO7	Technician	310	2	120	240
LO8	QA/QC Supervisor	310	1	160	160
LO9	Graduate Student	310	4	36	144
A1	Secretary	310	3	48	144
A2	Book Keeper	310	1	120	120
A3	Accounts Payable	310	1	120	120
A4	Computer Programmer	310	1	220	220
A5	Supervisor/HR	310	1	140	140
A13	Director	310	1	220	220
A14	Pathology	310	6	140	840
A15	Resident	310	3	140	420
A16	Bacteriologist	310	1	140	140
A17	Virologist	310	1	140	140
A18	Toxicologist	310	1	140	140
A19	Extension Veterinarians	310	2	140	280
	Subtotal Office				4,536
LO12	Work Room	315	1	200	200
LO13	File Room	315	1	80	80
LO15	Student Lockers	315	1	80	80
A6	Small Conference Room (12 capacity)	315	1	300	300
A7	Large Conference Room (20 capacity)	315	1	500	500
A8	Work Room	315	1	220	220
A9	Waiting Area	315	1	150	150
A10	File Room	315	1	80	80
	Subtotal Office Service				1,610
LO11	Conference Room (10 capacity)	350	1	250	250
TOTAL CATEGORY 300					6,396

Description		Code	Quantity	NSF	Total NSF
N6	Necropsy Storage	570	1	250	250
N11	Live Animal Holding Pen	570	1	192	192
TOTAL CATERGORY 500					442
BS1	Lunch Room	650	1	600	600
BS3	Interaction Space	650	1	2,250	2,250
BS2	Vending	655	1	150	150
Subtotal Lounge/Lounge Service					3,000
BS5	Interaction Staging	680	1	300	300
BS6	Extension Storage	685	1	200	200
Subtotal Mtg Room/Mtg Rm Serv					500
TOTAL CATEGORY 600					3,500
A12	Server Room	710	1	80	80
BM4	Communication and Wiring Closets	710	1	120	120
Subtotal Telecommunications					200
BS4	Furniture and Equipment Storage	730	1	350	350
BS7	Equipment Storage	730	1	900	900
Subtotal Central Storage					1,250
N5	Vestibule/Boot Room	780	1	325	325
LO14	Storage	780	1	80	80
A11	Storage Room	780	1	55	55
Subtotal Unit Storage					460
TOTAL CATEGORY 700					1,910
N1	Necropsy Lab	860	1	1,840	1,840
BSL1	ABSL3 Suite	860	1	2,125	2,125
H1	Histology Lab	860	1	1,320	1,320
V1	Serology Open Lab	860	1	1,320	1,320
V3	Virology Open Lab	860	1	600	600
V5	Virology PCR Extraction	860	1	300	300
V7	Prion Virology	860	1	300	300
B1	Bacteriology Open Lab	860	1	1,800	1,800
Subtotal Diagnostic Lab					9,605
N2	Outgoing Cooler	865	1	288	288
N3	Men's Lockers/Shower	865	1	280	280
N4	Women's Lockers/Shower	865	1	280	280
N7	Necropsy Support Lab	865	1	288	288
N9	Incoming Cooler	865	1	144	144
N12	Laundry Room	865	1	185	185
N13	Specimen Review	865	1	400	400
N16	Digester Room	865	1	620	620
H2	Archival Slides/Blk Stor.	865	1	2,000	2,000
H3	Grossing/Tissue Processing	865	1	990	990
V2	PCR Analysis	865	1	900	900
V4	Virology PCR Prep	865	1	100	100

Description		Code	Quantity	NSF	Total NSF
B3	Bacteriology PCR Extraction	865	1	300	300
B4	Darkenable Support	865	1	100	100
B5	Media Prep	865	1	100	100
B6	Equipment Room	865	1	200	200
B7	Bacteriology Support Lab	865	1	200	200
B8	Bacteriology Equipment	865	1	300	300
LS1	4°C Cont. Temp. Room	865	2	150	300
LS2	Freezer Farm	865	1	300	300
LS3	Central Lab Storage	865	1	900	900
LS4	Gas Cylinders Storage	865	1	50	50
LS5	Glassware/Sterilization	865	1	600	600
LS6	Glassware Equipment Rm	865	1	240	240
LS7	Sample Receiving	865	1	768	768
LS8	Sample Log In	865	1	130	130
LS8	Sample Receiving Cooler	865	1	120	120
LS10	Research Lab Equipment Room	865	1	200	200
LS12	Chemical Storage	865	1	200	200
LS13	QA QC Lab	865	1	300	300
Subtotal Diagnostic Lab Support					12,533
TOTAL CATEGORY 800					22,138
SUBTOTAL ASSIGNABLE SQUARE FEET					37,190
LS14	Connector Link	W01	1	500	500
N14	Necropsy Loading Docks	W04	1	432	432
BS6	Entry Foyer	W05	1	2,000	2,000
BM1	Custodial Work Room	X01	2	120	240
BM2	Custodial Equipment and Storage R	X01	1	100	100
BM3	Waste Management Room	X04	1	120	120
N15	Digester Mechanical	Y04	1	100	100
TOTAL BLDG SERVICE/SUPPORT/MAINTENANCE					3,492
TOTAL NET SQUARE FEET					40,582
TOTAL GROSS SQUARE FEET					65,624

(2) Basis for square footage/planning parameters

The space and planning guidelines were based on NU Space Guidelines and the experience of the administrative and diagnostic staff of the Department of Veterinary and Biomedical Sciences Department with the existing Veterinary Diagnostic Center. The VDC staff and the consultants met together to determine detailed requirements, room criteria and equipment needs.

EXISTING AND NEW NVDC SPACE COMPARISON					
Space Description	Room Use Code	Existing ASF	Proposed ASF	Difference	%
Laboratory Facilities					
Research Laboratory	250	1,871	2,200	329	
Research Laboratory Service	255	110	504	394	
TOTAL CATEGORY 200		1,981	2,704	723	36%
Office Facilities					
Office	310	1,895	4,536	2,641	
Office Service	315	197	1,610	1,413	
Conference room	350	-	250	250	
TOTAL CATEGORY 300		2,092	6,396	4,304	206%
Special Use Facilities					
Animal Facilities	570	-	442	442	
TOTAL CATEGORY 500		-	442	442	NM
General Use Facilities					
Staff Lounge	650	314	2,850	2,536	
Lounge Service	655	101	150	49	
Interaction Staging	680	-	300	300	
Equipment Storage	685	-	200	200	
TOTAL CATEGORY 600		415	3,500	3,085	743%
Support Facilities					
Computer Room	710	-	200	200	
Central Storage	730	160	1,250	1,090	
Unit Storage	780	33	460	427	
TOTAL CATEGORY 700		193	1,910	1,717	890%
Health Care Facilities					
Veterinary Surgery Service	845	271	-	(271)	
Treatment/Examination Room	850	189	-	(189)	
Treatment/Exam. Rm. Service	855	303	-	(303)	
Diagnostic Service Lab	860	2,580	9,605	7,025	
Diagnostic Service Lab Support	865	1,059	12,633	11,574	
TOTAL CATEGORY 800		4,402	22,238	17,836	405%
TOTAL ASSIGNABLE SF		9,083	37,190	28,107	309%

(3) Square footage difference between existing and proposed areas

The proposed area of 37,190 assignable square feet represents an increase over the existing diagnostic center in order to alleviate severe overcrowding, inadequate space for equipment, and lack of specialized spaces for specific testing functions that require physical isolation. In addition, storage space for seven years accumulation of specimens required for certification by the American Association of Veterinary Diagnosticians (AAVLD) has been included in order to discontinue the inconvenience and expense of rented off-site storage.

c. Impact of the proposed project on existing space

The current Veterinary Diagnostic Laboratory, although outdated for today's veterinary diagnostic needs, is still a viable research laboratory. As research on the UNL campus grows, there is always a need for functional laboratory space. The best use of the existing building would be to retain it to allow expansion of existing programs or to house site-specific grant proposals for the National Institute of Health or other grants that require laboratory space. Instead of constructing expensive new laboratory space, re-purposing for this building for appropriate types of research is a cost-effective plan.

Until a final use is determined, the building will be a valuable asset as swing space during a major building project such as the renovation of the Vet Basic Science Hall or other laboratory space on East Campus.

7. Equipment Requirements

a. List of available equipment for reuse

The project will utilize many pieces of equipment in the existing NVDC that are suitable for reuse. Some of this equipment is very sensitive and will need to be moved, set up, and calibrated by equipment vendors.

b. Additional equipment

(1) Fixed equipment

Fixed equipment will include chemical fume hoods, autoclaves and glassware washers, necropsy tables, exhausted biological safety cabinets, deionized water polishing units, and certain other equipment that is hard-connected to building utility services.

(3) Movable equipment

Moveable equipment will consist of recirculating biological safety cabinets, large-capacity clothes washers/dryers for lab coats and surgical clothing used in necropsy, refrigerators and freezers including ultra-low temperature freezers, chemical storage racks for the ABSL-3 holding rooms, shelving, and analytical equipment needed to replace existing outdated models.

(3) Waste disposal and decontamination equipment

An alkaline hydrolysis tissue digestion system is included in the project budget for disposal of solid waste generated by the necropsy process and for decontamination of infectious bio-waste produced in the ABSL-3 suite. The alternative of using incineration will be studied during the design phase

8. Special Design Considerations

a. Construction type

The proposed building construction is a steel-framed structure with perimeter and interior columns supported by auger-cast piles based on previous experience with the geotechnical requirements of other buildings constructed on East Campus. Specific construction requirements will be determined based on a code analysis performed during the design phase.

b. Building envelope

The exterior of the building will be designed to both relate to the existing East Campus building context and establish a visible presence for the new NVDC. Anticipated primary exterior materials include the campus standard beige brick, high-performance glazed aluminum curtain wall with external sunshades where warranted, and pre-formed metal panels.

c. Interior materials

The interior of the building will be designed to provide a safe, durable and attractive environment with material selections appropriate to the function of each type of program area. Laboratory spaces will be provided with painted gypsum board walls, suspended acoustical tile ceilings (except where painted gypsum board is required) and sheet rubber flooring with heat-welded seams and integral cove base to ensure BSL-2 conditions.

The necropsy suite and related functions are wet environments that must resist impacts and chemical decontamination. These areas will be constructed with full-height concrete masonry units with block filler and epoxy paint finish, painted gypsum board ceilings, and epoxy resin floor and base.

Office spaces will be primarily painted gypsum board walls, carpet tile with rubber base and suspended acoustical tile ceilings. Conference rooms and public areas will include some upgraded finishes to enhance durability and character; the scope of these upgrade will be determined in the design phase.

d. HVAC systems

The mechanical systems will be designed to maintain a safe, comfortable and energy efficient environment. Laboratory systems will incorporate custom arrayed 100 percent outside air handling units with energy recovery and variable speed controls. Laboratory exhaust fans will discharge air in accordance with wind consultant recommendations to prevent re-entrainment of this exhaust air into the NVDC and adjoining building outside air intakes.

Office air handling units will utilize partly recirculating air handling units and the large conference rooms may be provided with a small dedicated unit due to hours of operation differing from the primary office space.

Building heating will operate from the campus steam system via heat exchangers and cooling will draw on the campus chilled water system. The HVAC distribution system will include a hydronic system incorporating terminal units, perimeter radiators and chilled beams and/or fan coil units for supplementary cooling where required. All systems will be provided with direct digital controls integrated with a building-wide energy management system and detailed building performance monitoring. The ABSL-3 will be provided with a supplementary environmental control system that reports to the building automation system.

e. Plumbing systems

Plumbing systems will include a domestic hot and cold water system for general building uses such as toilet rooms, an industrial hot and cold water system for laboratory uses, and a reverse-osmosis deionized water system for high-purity laboratory water where needed. An automatic fire sprinkler system will be provided throughout the facility, with standpipes provided at stair locations and a fire department connection located outside of the building. Laboratory waste and vent systems will use a combination of jointed and chemically-fused polypropylene for chemical resistance while domestic water waste and vent piping and storm water drainage piping will be standard cast-iron. Black steel Schedule 40 will be used for the natural gas system in the laboratories; central laboratory air and vacuum systems are not required.

f. Electrical Systems

Normal power 480V electrical service to the building will be provided via primary transformers to the switchgear. A diesel fueled emergency generator will supply both emergency power for life safety systems per code requirements, and standby power for critical laboratory equipment such as biosafety cabinets, freezers and walk-in coolers, and for mechanical equipment serving the ABSL-3 suite. Flush-mounted branch panels will be provided throughout the building

serving discreet zones and providing spare capacity per UNL Design Guidelines. Electrical distribution will include 480V power for equipment loads, and both 208V and 120V normal and emergency power to spaces as needed. Power distribution in the laboratory areas will feature suspended and surface-mounted raceways to provide flexibility for changing equipment needs.

Lighting systems will be designed to meet the requirements of the Illuminating Engineering Society of North America (IESNA) guidelines, and incorporate ambient/task lighting strategies, full-range dimming and daylighting controls, and energy-conserving LED fixtures where appropriate to program functions. An automatic lighting control system using microprocessor-based lighting control panels integrating occupancy and daylight sensing, switching and time clock inputs will be used.

g. Life Safety/ADA Compliance

The design of the building will comply with applicable codes, including but not limited to the International Building Code, International Fire Code, International Mechanical Code, and the National Electric Code. In addition, the building will be designed to meet the requirements of the National Fire Protection Administration NFPA 45 “Standard on Fire Protection Laboratories Using Chemicals.” Laboratory spaces will include emergency showers and eyewash stations in accordance with pertinent ANSI recommendations. A fully-addressable automatic fire alarm system will include manual pull stations, combination IR/ultrasonic smoke detectors, elevator car recall, and control ventilation dampers as required by code.

h. Security

A low voltage card-key system will be used to control access to the building at exterior doors, areas within the building, and to all primary laboratory spaces. A closed-circuit camera/monitoring system will be incorporated at the exterior of the building to monitor any attempted intrusions.

i. Audio-Visual Systems

Conference rooms and similar spaces will be equipped with contemporary audiovisual systems and equipment integrated with lighting and shade control functions. These systems will include fixed overhead video projectors, recessed motorized projection screens, interface panels, and closets or cabinets for portable video generation equipment, network access, and voice amplification systems. The ABSL-3 will contain CCTV cameras for monitoring activities inside the containment envelope as well as access to this secured facility. External CCTV cameras may be secured as well.

j. Historic or Architectural Significance

The existing building does not have historic or architectural significance.

k. Artwork

This project is to be funded by an appropriation from the State Legislature and is therefore required to spend at least one percent of the appropriation for the acquisition of works of art. This is included in the project budget. Opportunities for art include both the integration with specific elements of the construction, artwork install in both interior and exterior spaces, and thematic artwork incorporating aspects of veterinary medicine and agriculture.

l. Phasing

This project will be completed in one phase.

m. Future expansion

No specific future expansion is planned; laboratory and office areas will be configured to accommodate some additional equipment and personnel without significant construction costs.

9. Project Budget and Fiscal Impact

a. Cost estimates criteria

(1) Identify recognized standards, comparisons, and sources used to develop the estimated cost.

Based on the facility program, the construction cost estimate was developed by Building Cost Consultants based on cost per square foot calculations for specific program and use characteristics.

(2) Identify the year and month on which the estimates are made and the inflation factors used.

The cost estimate was developed in September 2012 and was inflated by 3.2% to the mid-point of construction.

(3) Gross and net square feet

Gross square feet	65,624 gsf
Net square feet	40,682 nsf

(4) Total project cost per gross square foot \$696

	(5) Construction cost per gross square foot	\$548
b.	Total project cost	\$45,644,000
c.	Construction cost	\$35,942,000
d.	Non-construction cost	\$9,702,000

Probable Project Costs			
CONSTRUCTION COSTS			
External Services	General Construction Contractor	\$23,524,000	
	Other Construction Contract(s)*	\$0	
	Fixed Equipment (Installed by GC)	\$2,550,000	
	Sitework/Demolition*	\$3,023,000	
	Landscaping	\$877,000	
	Utilities Contractor(s) and/or Services	\$0	
	Environmental Issues (i.e., asbestos abatement, etc.)	\$0	
	Parking/Drives , Roads, & Walks	\$0	
	Carpet*	\$0	
	Signage	\$33,000	
	Audio Visual Telecommunication	\$538,000	
Internal Services	Energy Management Control System	\$1,775,000	
	Card Access System	\$461,000	
	Fire Alarm System	\$180,000	
	Security System	\$164,000	
	Other UNL Services	\$10,000	
	Utilities	\$26,000	
	Keying of Doors	\$3,000	
	Telecommunications	\$490,000	
	Fixed Equipment (Purchased/Installed by UNL)	\$0	
	Construction Contingency	\$2,288,000	
	Subtotal - Construction Costs	\$35,942,000	
NON-CONSTRUCTION COSTS			
Design and Project Management	Planning & Program Statement	\$176,000	
	A/E Basic Services	\$2,316,000	
	A/E Additional Services	\$137,000	
	A/E Reimbursable Expenses	\$23,000	
	Project Management/Construction Inspection (UNL)	\$524,000	
	Other Specialty Consultants	\$635,000	
Equipment	Movable Equipment	\$2,251,000	
	Non Capital Equipment/Supplies	\$727,000	
	Special & Technical Equipment	\$1,501,000	
Other	Land Acquisition	\$0	
	Artwork	\$488,000	
	Builder's Risk Insurance	\$42,000	
	Moving & Relocation Costs	\$55,000	
	Other Non-Construction Costs	\$87,000	
	Code Review and Inspection	\$4,000	
	Parking Replace/Lease	\$0	
	Non-construction Contingency	\$736,000	
	Subtotal - Non-construction Costs	\$9,702,000	
TOTAL PROBABLE PROJECT COSTS		\$45,644,000	
* Installed or provided by other than general construction contractor.			

- e. Fiscal Impact based upon first full year of operation
 - (1) Estimated additional operational and maintenance costs per year
\$498,000
 - (2) Estimated additional programmatic costs per year
\$268,000
 - (3) Applicable building renewal assessment charges
N/A

10. Funding

a.	Total funds required	\$45,644,000
b.	Project Funding Source	
	State funds	\$40,644,000
	Private or other funds	\$ 5,000,000
c.	Fiscal year expenditures for project duration	
	2012-2013	\$900,000
	2013-2014	\$4,100,000
	2014-2015	\$18,000,000
	2015-2016	\$22,000,000
	2016-2017	<u>\$644,000</u>
	Total Expenditures	\$45,644,000

11. Time Line

Start Programming	December 2, 2011
Approval of Aesthetic Review Committee	February 16, 2012
Approval of Project Initiation Request of Academic Planning Committee	January 25, 2012
Approval of Aesthetic Review Committee	September 20, 2012
Review by Project Review Board	October 23, 2012
Program Statement to UNCA	November 26, 2012

BOR approves Program Statement	January 25, 2013
CCPE review (approximate)	Jan. 28 –March 28, 2013
BOR approves Project Architect	June 2013
Start design	June 2013
Intermediate Design Review	January 2014
Complete design	May 2014
Bid project	June 2014
Start construction	August 2014
Complete construction	August 2016
Building commissioning	August – Oct. 2016
Occupy building	November 2016

12. Method of Contracting

The method of contracting for the project will be design-bid-build. This method has been used successfully by the University for projects of this type.

13. CCPE Review Higher Education Supplement

CCPE review is required and information is included.

TO: The Board of Regents Addendum X-B-6

Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: Residence Hall Room and Board Rates for Academic Years 2013-2014 and 2014-2015 at the University of Nebraska-Lincoln

RECOMMENDED ACTION: Approve the Residence Hall Room and Board Rates for Academic years 2013-14 and 2014-15 at the University of Nebraska-Lincoln (UNL):

<u>Meals/Wk</u>	<u>2013-14</u>	<u>2014-15</u>
7-Day Plan	\$9,532	\$9,961 (maximum)
5-Day Plan	9,447	9,876 (maximum)

The above rates are for double occupancy in traditional renovated halls, which is the most prevalent rate paid by students. Rates would increase by 4.5% for 2013-14 and not to exceed 4.5% for 2014-15. The Returning Student Discount applies to occupancy in all traditional halls.

PREVIOUS ACTION: April 18, 2008 – The Board of Regents approved a 5.5% annual increase of double-occupancy room and board rates for the five academic years 2008-09 through 2012-13.

<u>Meals/Wk</u>	<u>2008-09</u>	<u>2009-10</u>	<u>2010-11</u>	<u>2011-12</u>	<u>2012-13</u>
7-day plan	\$7,363	\$7,768	\$8,196	\$8,647	\$9,122
5-day plan	7,278	7,683	8,111	8,562	9,037

EXPLANATION: A study of current and projected revenues and expenditures for the operation of residence halls was begun in July and concluded in December. The proposed rate increases of 4.5% for 2013-14 and not to exceed 4.5% for 2014-15 will generate income required to cover obligations and enhancements planned through the 2014-15 fiscal year. To meet 1.4 times coverage on revenue bonds outstanding, along with the 4.5% increase, the campus must achieve an increase of 200 additional average occupants for 2013-14 and a similar increase for 2014-15. Even with the proposed increases, UNL remains competitive among both peer and other Big Ten institutions.

These rate changes reflect increases in the cost of employee salaries and wages, employee benefits, utilities, raw food costs, materials and supplies, and other operating expenses. These rates also support the debt service required for projects included in the University Housing Master Plan that was updated in 2008. Major projects include new suite-style residence halls under construction at 18th & R Street, opening in the fall of 2013-14 and at 19th & R Street, opening in the fall of 2014-15.

Approximately 26% of the students expected to live in the traditional residence halls next year will be returning students who will experience no rate increase because of the returning student incentive plan adopted

in 1993-94. Under the incentive plan, when students move into UNL residence halls their room and board rates remain constant for each successive academic year, unless a significant enhancement is provided.

The above rates are the basic room and board charges for renovated traditional residence halls, to which all other housing rates are then related – 12-month contracts, Husker Hall (room only), suites, apartments. The percentage increase in rates for these other facilities may be higher or lower than those stated above for the standard plans, depending upon the unique features that call for a special rate and contract. For example, apartment rates for 2013-14 will reflect: (1) the actual cost experience for those units, (2) prevailing rates in the community, and (3) a desire to maintain a high occupancy rate.

The proposed increase has been reviewed by the Business Affairs Committee.

PROJECT COST:	None
SOURCE OF FUNDS:	N/A
SPONSORS:	Juan N. Franco Vice Chancellor for Student Affairs Christine A. Jackson Vice Chancellor for Business & Finance
RECOMMENDED:	Harvey Perlman, Chancellor University of Nebraska-Lincoln
DATE:	December 19, 2012

TO: The Board of Regents Addendum X-B-7
 Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: Residence Hall Room and Board Rates for the 2013-14 Academic Year at the University of Nebraska at Kearney

RECOMMENDED ACTION: Approve the Residence Hall Room and Board Rates for the 2013-14 Academic Year at the University of Nebraska at Kearney (UNK)

Double Room		
<u>Meals/Week</u>	<u>2012-2013</u>	<u>2013-2014</u>
All-Access \$200	NA	\$8,334
All-Access \$160	NA	8,254
All-Access \$60	NA	8,068

PREVIOUS ACTION: January 27, 2012 – The Board of Regents approved the following Room and Board rates for double occupancy for the 2012-13 Academic Years.

Double Room	
<u>Meals/Week</u>	<u>2012-2013</u>
21 meal plan	\$7,938
15 meal plan	7,864
10 meal plan	7,686

EXPLANATION: For 2013-14 UNK will launch a new approach to serving students from a meal plan perspective. To enhance value and control costs, UNK chose to offer an access-driven meal plan. Students who buy the “All-Access Meal Plan” get unrestricted access at two residential dining facilities. The meal plan offers a variety of meal options, satisfying varied dietary requirements, personal tastes and individual schedules. The proposed rates will generate the income required to cover obligations while managing the cost to students. The rates reflect a 5% increase for students selecting the All-Access \$200 meal plan residing in a double occupancy basic room.

The above-noted rates are the basic room and board charges for traditional residence halls, to which all other housing rates are then related – break housing, suites, Antelope/Nester Hall suite living. The percentage increase in rates for these other special contracts may be higher than those stated above for the standard plans, depending upon the unique features that call for a special rate and contract.

These rate changes reflect costs of employee salaries and wages, employee benefits, raw food costs, materials and supplies, and computing enhancements. These rates will also support the debt service related to the facility renovation projects of the University Housing Master Plan and a high quality food service program.

PROJECT COST: None

SOURCE OF FUNDS: N/A

SPONSOR: Barbara L. Johnson
Vice Chancellor for Business & Finance

RECOMMENDED: Douglas A. Kristensen, Chancellor
University of Nebraska at Kearney

DATE: December 19, 2012

TO: The Board of Regents Addendum X-B-8
 Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: Residence Hall Room and Board Rates for the 2013-14 Academic Year at the Nebraska College of Technical Agriculture

RECOMMENDED ACTION: Approve the Residence Hall Room and Board Rates for the 2013-14 Academic Year at the Nebraska College of Technical Agriculture.

PREVIOUS ACTION: January 27, 2012 – The Board of Regents approved the 2012-13 academic year room rates for the traditional residence halls at the 2011-12 rates, approved the new rates for the two new residence halls (Aggie West and Aggie Central).

EXPLANATION: Rates have been established for each residence hall option and amenities based on similar units at other Nebraska two-year colleges offering agriculture programs.

The proposed options and rates are as follows:

	<u>2012-13</u>	<u>2013-14</u>	<u>Percentage Increase</u>
<u>Aggie West Residence Hall</u>			
<u>Double Room:</u>			
Per semester	\$1,255	\$1,302	3.7%
Summer	568	586	3.2
Per semester/private bath	1,440	1,494	3.8
Summer session/private bath	652	672	3.1
<u>Single Room:</u>			
Per semester	1,858	1,928	3.8
Summer	841	868	3.2
Per semester/private bath	2,135	2,215	3.7
Summer session/ private bath	966	997	3.2
<u>Aggie Central Residence Hall</u>			
<u>Four person suites:</u>			
Per semester	\$1,450	\$1,504	3.7
Summer session	656	677	3.2
<u>Two person suites:</u>			
Per semester	2,250	2,334	3.7
Summer session	1,018	1,050	3.1

The proposed approximate 3.75% increase primarily reflects increased operating costs. Including the increase, NCTA remains in the bottom third of its peer group in residence hall operating costs.

No increase is proposed for the traditional residence halls. This is the seventh consecutive year the traditional residence halls' room rates have not been increased to achieve an appropriate price differential between them and the new residence halls, including leaving the summer room rate at \$475.

The summer room rate for all residence hall options is proposed at approximately 45% of the semester rate.

The meal plan rate is proposed to increase by 7% to cover the rise in cost of food, equipment, and supplies.

As a result of parent and student feedback, a change is being proposed to reflect a change in the meal plan options. The previous 23 per week meal plan is being replaced with the 21 per week meal plan.

Meal Plans

	<u>2012-13</u>	<u>2013-14</u>	<u>Percentage Increase</u>
5 per week (off-campus only)	\$ 460	\$ 492	7.0%
14 per week	1,288	1,378	7.0
18 per week	1,656	1,772	7.0
21 per week	2,116	2,264	7.0

SPONSORS:

Scott Mickelsen
Interim Dean, Nebraska College of Technical Agriculture

Alan R. Moeller
Assistant Vice Chancellor, Institute of Agriculture and Natural Resources

RECOMMENDED:

Ronnie D. Green, Vice President for Agriculture and Natural Resources and IANR Harlan Vice Chancellor

DATE:

December 19, 2012

TO: The Board of Regents Addendum X-B-9

Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: Housing Rates for the 2013-14 Academic Year at the University of Nebraska at Omaha

RECOMMENDED ACTION: Approve the Residence Hall Room Rates for Scott Village, Scott Court, Maverick Village and University Village for the 2013-14 Academic Year at the University of Nebraska at Omaha.

PREVIOUS ACTION: January 27, 2012 – The Board of Regents approved the room rates for Scott Village, Scott Court, Maverick Village and University Village for the 2012-13 Academic Year.

EXPLANATION: Scott Village Housing Rates
Scott Village rate increases averaging 3.1% are proposed for 2013-14.

	<u>Twelve-Month</u>		Percentage
	<u>2012-13</u>	<u>2013-14</u>	<u>Increase</u>
Monthly Payment Plan	\$5,940	\$6,180	4.0%
Semi-Annual Payment Plan	\$5,880	\$6,060	3.1%
Annual Payment Plan	\$5,820	\$5,940	2.1%

Scott Court Housing Rates
Scott Court rate increases averaging 3.0% are proposed for 2013-14.

	<u>Nine-Month</u>		Percentage
	<u>2012-13</u>	<u>2013-14</u>	<u>Increase</u>
Semi-Annual Payment Plan	\$5,220	\$5,400	3.5 %

	<u>Twelve-Month</u>		Percentage
	<u>2012-13</u>	<u>2013-14</u>	<u>Increase</u>
Monthly Payment Plan	\$6,300	\$6,540	3.8%
Semi-Annual Payment Plan	\$6,240	\$6,420	2.9%
Annual Payment Plan	\$6,180	\$6,300	1.9%

Maverick Village Housing Rates
Maverick Village rate increases averaging 2.8% are proposed for 2013-14.

	<u>Twelve-Month</u>		Percentage
	<u>2012-13</u>	<u>2013-14</u>	<u>Increase</u>
Monthly Payment Plan	\$6,660	\$6,840	2.7%
Semi-Annual Payment Plan	\$6,480	\$6,660	2.8%
Annual Payment Plan	\$6,300	\$6,480	2.9%

University Village Housing Rates

University Village rate increases averaging 3.1% are proposed for 2013-14.

	<u>Nine-Month</u>		Percentage
	<u>2012-13</u>	<u>2013-14</u>	<u>Increase</u>
Semi-Annual Payment Plan	\$4,950	\$5,130	3.6%

	<u>Twelve-Month</u>		Percentage
	<u>2012-13</u>	<u>2013-14</u>	<u>Increase</u>
Monthly Payment Plan	\$6,300	\$6,480	2.9%
Semi-Annual Payment Plan	\$6,120	\$6,300	2.9%
Annual Payment Plan	\$5,940	\$6,120	3.0%

Scott Hall Boarding and Housing Rates – For Information

Housing and boarding rates for the 2013-14 year for Scott Hall have not been finalized by the Suzanne and Walter Scott Foundation. The proposal is to increase rates by 2.9% to \$8,750 for a nine-month contract.

PROJECT COST: Not applicable

SOURCE OF FUNDS: Not applicable

SPONSORS: B.J. Reed
Senior Vice Chancellor for Academic & Student Affairs

William E. Conley
Vice Chancellor for Business and Finance

RECOMMENDED: John E. Christensen, Chancellor
University of Nebraska at Omaha

DATE: December 19, 2012

TO: The Board of Regents Addendum X-B-10

Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: Purchase of property from the University of Nebraska Foundation

RECOMMENDED ACTION: Authorize the President, in consultation with the Executive Committee of the Board, to approve terms and conditions to complete the transfer of real estate at the UNO arena site from the University of Nebraska Foundation to the University for University purposes.

PREVIOUS ACTION: October 21, 2005 – The Board of Regents approved a Master Agreement with Ak-Sar-Ben Future Trust providing for the (i) the exchange of parcels of land located in the Ak-Sar-Ben Business and Education Campus, and (ii) the acquisition of the Chili Greens property and approximately 17 acres of real property in the vicinity of 64th and Center Streets in Omaha for University purposes.

EXPLANATION: From 2005 to 2008, the University of Nebraska Foundation (Foundation) acquired 18 parcels of land south of Center Street. The purpose of the acquisitions was to provide room for strategic expansion of the UNO campus as the land was adjacent to other University property. The Foundation parcels, along with the two parcels already owned by the Board of Regents (former Douglas County property and former Chili Greens golf course), are referred to as UNO's "Center Street" campus. The 2005 action of the Board contemplated the transfer of the property from the Foundation to the University for University purposes.

In the October 2012 meeting, the Board conceptually approved locating the UNO arena on the site. The Board is approving the project cost and timing of payment to formalize the site acquisition for the UNO Arena, pending final details of terms and conditions of financing and sources of funds to complete design and construction of the facility. Once the agreement has been finalized, it will be reported to the Board.

The Foundation has proposed selling the property over a period of five years with annual payments of approximately \$1.4 million. The agreement, as envisioned, will not bear interest.

The project was reviewed and recommended for approval by the Business Affairs Committee.

PROJECT COST: \$7,063,430

SOURCE OF FUNDS: Cash & Auxiliary funds

SPONSORS:

William E. Conley
Vice Chancellor for Business and Finance

Joel D. Pedersen
Vice President and General Counsel

RECOMMENDED:

John E. Christensen, Chancellor
University of Nebraska at Omaha

DATE:

January 3, 2013



Land Owned by BOR

- 1. Chili Greens Property
6808 Spring St.
57 Acres
June 14, 2007
\$1,879,666
- 2. Castelar Property
6703 West Center Rd.
4.6 Acres
January 19, 2007
\$850,000

Land Owned by NU Foundation

- 3. 18 parcels South of Center
9.33 Acres
2005-2009
\$6,258,120 Purchase Price
\$7,063,000 Current BV

Land Owned by MUD

- 4. 2615 S. 64th Ave.
10.64 Acres

TO: The Board of Regents Addendum X-B-11

Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: Program Statement and Budget for the construction of a new College of Pharmacy and Center for Drug Discovery building on the campus of the University of Nebraska Medical Center in Omaha.

RECOMMENDED ACTION: Approve the Program Statement and Budget for the construction of a new College of Pharmacy and Center for Drug Discovery building on the campus of the University of Nebraska Medical Center in Omaha.

PREVIOUS ACTION: None

EXPLANATION: The UNMC College of Pharmacy graduates nearly 60% of the registered pharmacists serving Nebraska communities and is recognized as one of the outstanding institutions for pharmacy education and research, having been ranked in the top 25% of pharmacy programs surveyed by "U.S. News and World report" in 2012. For the past four years the College has ranked in the top ten out of all 120 colleges of pharmacy in the United States based on National Institutes of Health funding per faculty member.

The College of Pharmacy has been located in its current 65,000 square foot building on the UNMC campus in Omaha since 1976. Today, the building has become inadequate for contemporary pedagogy, resulting in comments of concern from the Accreditation Council for Pharmacy Education, and is limiting pharmacy research due to a shortage of lab capacity, aging labs, and the obsolescence and limitations of laboratory mechanical systems.

To facilitate the continuing excellence of the College's academic and research programs, the planned College of Pharmacy and Center for Drug Discovery project will completely replace and expand the now outdated education space of the College of Pharmacy and increase its research capacity by constructing a new three or four level 85,000 square foot building on the UNMC campus in Omaha.

The project will provide the contemporary education space, equipped with the advanced technology, needed to deliver pharmacy education in the 21st Century, maintain the College of Pharmacy's accreditation, and meet Nebraska's need for well-prepared pharmacy graduates into the foreseeable future. Patient care simulation and instructional space will be provided to emphasize the increasing role of pharmacists in providing primary health care, incorporating a contemporary model pharmacy, a sterile compounding room, and practice areas for patient assessment and point of care testing. Student interaction and study areas will be designed to optimize collaborative learning.

An integrated Center for Drug Discovery will provide 15 state-of-the-art laboratory assignment modules and research support space designed to accommodate the specific technical needs of pharmaceutical research in three areas: Drug Discovery and Development, Drug Delivery, and Clinical and Translational Research.

The College of Pharmacy and Center for Drug Discovery building will be located east of the Michael F. Sorrell Center for Health Science Education along Emile Street, strategically located in proximity to other UNMC education buildings on the Ruth and Bill Scott Student Plaza.

Education space to be vacated in the existing College of Pharmacy building will be made available for general campus education use. Vacated administrative space will be repurposed for other campus administrative functions or as clinical faculty offices to be determined as the project nears completion, and as funds become available. Research labs will remain in use and competitively assigned.

The project will be competitively bid and a contract awarded to the low responsible bidder.

The program statement and budget have been reviewed and recommended for approval by the Business Affairs Committee.

Construction of the project will begin after commitments for all funding are in place and authorization to proceed is received from the President.

Proposed start of construction	February 2014
Proposed completion of construction	July 2015

PROJECT COST: \$ 35,000,000

ON-GOING FISCAL IMPACT:	Estimated Operating and Maintenance	\$1,140,000
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SOURCE OF FUNDS:	Trust Funds (private donations)	\$35,000,000
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SPONSOR: Donald S. Leuenberger
Vice Chancellor for Business and Finance

RECOMMENDED: Harold M. Maurer, M.D., Chancellor
University of Nebraska Medical Center

DATE: December 19, 2012

College of Pharmacy and Center for Drug Discovery - Program Statement University of Nebraska Medical Center

Date: December 14, 2012

Prepared by: UNMC Facilities Management and Planning with The Clark Enersen Partners, RDG Planning & Design and HDR Architecture, Inc.

Phone: (402) 559-5022

I. INTRODUCTION

A. Background and History

The College of Pharmacy at UNMC was founded in 1915 and remains the only public College of Pharmacy in Nebraska. Its mission is to improve the health of Nebraska through premier educational programs for pharmacists, other health professionals and graduate and post-graduate students, to conduct innovative research and to provide the highest quality of patient care and outreach to underserved populations.

Today the College of Pharmacy is recognized as one of the outstanding institutions for pharmacy education and research. The College of Pharmacy is ranked in the top 25% of pharmacy programs surveyed by "U.S. News and World Report" in 2012. For the past four years it has ranked in the top 10 out of all 120 colleges of pharmacy in the United States based on National Institutes of Health funding per faculty member.

Graduates of the UNMC College of Pharmacy are influencing the quality of health care in communities across Nebraska and the U.S. Nearly 60% of the practicing pharmacists in the state are graduates of the College.

The current College of Pharmacy building is located in a 65,000 GSF, five-story structure, completed in 1976 and located on 42nd Street between the College of Nursing building and the Michael F. Sorrell Center for Health Science Education on the University of Nebraska Medical Center campus in Omaha. The current facility was last renovated in 1989/1990 to remediate structural deficiencies and defects.

B. Project Description

The planned College of Pharmacy and Center for Drug Discovery project will completely replace and expand the now outdated education space of the College of Pharmacy and increase its research capacity by constructing a new three or four level 85,000 gross sq. ft. building on the UNMC campus in Omaha.

The project will provide education space designed to reflect evolving teaching strategies, including simulation facilities to emphasize the increasing role of pharmacists in providing primary health care, and equipped with the advanced technology needed to deliver pharmacy education in the 21st Century. Student interaction and study areas will be designed to optimize collaborative learning. Patient care simulation and instructional space will incorporate a contemporary model pharmacy, a sterile compounding room, and practice areas for patient assessment and point of care testing.

An integrated Center for Drug Discovery will provide 15 state-of-the-art laboratory assignment modules and support space designed to accommodate the specific technical needs of pharmaceutical research in three areas: Drug Discovery and Development, Drug Delivery, and Clinical and Translational Research.

Research activities to be conducted in the Center will be especially focused on infectious diseases; no other academic medical center in the U.S. has a drug discovery program with similar focus. The College's researchers are now making breakthroughs in the treatment of tuberculosis, food-borne illnesses, malaria and HIV/AIDS. Additional research focus areas of the College include traumatic brain injury, cancer treatment, pharmacogenetics, nanomedicine and many others.

The new building will be designed to complement the architecture of nearby campus buildings. In the interest of supporting interdisciplinary education and campus connectivity, an enclosed walkway will be built between the Sorrell Center and the new structure to connect the two building's student interaction areas.

C. Purpose and Objectives

The purpose of the College of Pharmacy and Center for Drug Discovery project is to increase the health of Nebraskans by facilitating the continuing excellence of the College of Pharmacy's academic and research programs: through the provision of state-of-the-art and expanded infrastructure for pharmacy education and pharmaceutical research.

The successful completion of the College of Pharmacy and Center for Drug Discovery project will:

- Provide the contemporary education space and infrastructure needed to maintain the College of Pharmacy's accreditation and meet Nebraska's need for well-prepared pharmacy graduates for the foreseeable future.
- Provide additional state-of-the-art drug discovery, drug delivery and translational research laboratories and laboratory support infrastructure required to strategically recruit the additional externally funded scientists necessary to achieve UNMC objectives to increase investigations and achieve valuable breakthroughs in pharmaceutical research.
- Enhance College of Pharmacy core research strengths and allow expansion into new research areas.
- Expand pharmacy research and training opportunities for graduate students and post-doctoral scientists.

II. JUSTIFICATION OF THE PROJECT

A. Data That Support the Funding Request

1. Evidence for College of Pharmacy Teaching and Academic excellence:
 - a. According to U.S. News and World Report, the UNMC College of Pharmacy ranks among the top 25% of its national peer group.
 - b. The first time pass rates for College of Pharmacy graduates on the NAPLEX (North American Pharmacist Licensure Examination), required to practice pharmacy in Nebraska and in the US) for the past four years was 100%. The NAPLEX scores of

College of Pharmacy graduates have been above the national average for 25 of the past 26 years (1986-2011).

2. Evidence for College of Pharmacy Research Excellence:

- a. Research Growth and Excellence - Over the past four years, UNMC's total research funding from external sources has increased by 39 percent moving from \$63.8 million annually to \$88.9 million and is on trajectory to reach \$100 million. Plans to sustain or accelerate the rate of growth are being implemented. UNMC has adopted as a major strategic objective increasing its research enterprise and is on track to reach its goal of \$200 million in annual funded research.

Within the UNMC research enterprise, the College of Pharmacy is a strong contributor and a national leader. External grants and contracts funding has increased 140% from 2007-8 to 2011-12. The UNMC College of Pharmacy has ranked in the top 10 colleges or schools of pharmacy in NIH funding per FTE faculty member for the past four years. This is unique for a college of its size in one of the least populated states and especially considering that there are some 122 schools of pharmacy in the country.

- b. As an example of the College of Pharmacy's excellence in research, Dr. Jonathan Vennerstrom is a 2012 recipient of the University of Nebraska's system-wide Innovation, Development and Engagement Award (IDEA). This award recognizes Dr. Vennerstrom's sustained record of creative research accomplishments as part of an international team from Australia, Switzerland, and the United States, which has led to the discovery of new drugs to treat malaria. The team's first drug, arterolane, received regulatory approval in India in April 2012. These research accomplishments are poised to dramatically improve global human health.

3. Evidence for the need for improved education facilities:

To continue its excellent record of academic and research performance the College of Pharmacy must maintain appropriate teaching facilities.

- a. The College of Pharmacy has increased number of faculty and increased course offerings.

The Board of Regents approved a tuition supplement plan in June 2008. Its primary objective was to support the professional program and recruit additional faculty members. Since that time, The College of Pharmacy has increased the number of faculty members from 28 FTE in 2007 to 37 FTE in 2012. Eleven new pharmacy elective courses have been added. The increased number of faculty and increased number of courses are straining the current facility.

- b. The College of Pharmacy has received comments of concern about education facilities from its accrediting body, the Accreditation Council for Pharmacy Education (ACPE). ACPE accreditation is required for our graduates to be able to take the NAPLEX licensing examination.

The standard related to facilities the College must meet in order to be accredited by ACPE, ACPE Standard No. 27 - Physical Facilities, states: *"The college or school must have adequate and appropriate physical facilities to achieve its mission and goals. The physical facilities must facilitate interaction among administration, faculty, and students.*

The physical facilities must meet legal standards and be safe, well maintained, and adequately equipped.”

An ACPE Site Visit was conducted on October 1-3, 2012 to evaluate the UNMC College of Pharmacy. The site accreditation review team, in a formal response, concluded:

“With the growth of the College's faculty and its research enterprise, and changes in the professional curriculum to use more active learning and other contemporary teaching strategies, the College is facing space and facility challenges, both in faculty and student laboratories and didactic classroom space. Achievement of the College's long-term goals and potential will be partly determined by how the need for additional facilities is addressed.”

“The College is making good use of its limited space. Additional laboratory space is needed for both student instruction and faculty research. Plans were outlined that address these needs. The evaluation team notes that these plans must be realized if the College is to remain competitive in sustaining the quality of its student applicant pool and for attracting and retaining faculty of the caliber necessary to achieve its teaching, research and scholarship goals.”

“Ongoing monitoring [by ACPE] is recommended to ensure the plans outlined to address the College's teaching and laboratory needs are implemented in a timely manner.”

4. Evidence for the need for additional research facilities:

The College of Pharmacy has increased its research funding from external grants and contracts by 140% from 2007-8 to 2011-12 and increased funding per FTE by 42% since 2005. The College today faces a critical need for both contemporary and specialized research space in order to continue its growth and to best serve the population of the State of Nebraska. All current pharmacy laboratories are in use. At this point in time the most significant impediment to sustaining the rate of growth and productivity is the availability of quality research laboratories specialized for the needs of pharmaceutical research.

B. Alternatives Considered

Alternative sites were considered in an earlier planning iteration for the laboratory portion of the project, including one site to the east of the current College of Pharmacy building and one to the north of the Harold M. and Beverly Maurer Center for Public Health. After analysis and the inclusion of replacement education space in the project, combined with the opportunity to create a new construction site on the Ruth and Bill Scott Student Plaza by the reconstruction of Emile and Jones Streets to smooth traffic flow through the campus, the planned site was selected as providing the best adjacency to the education buildings of the other UNMC colleges while maintaining reasonable proximity to laboratories in the current building.

III. LOCATION & SITE CONSIDERATIONS

A. County: Douglas

B. Campus: University of Nebraska Medical Center

C. Proposed Project Site: The College of Pharmacy and Center for Drug Discovery building will be

located east of the Michael F. Sorrell Center for Health Science Education along Emile Street, strategically located in proximity to other UNMC education buildings on the Ruth and Bill Scott Student Plaza.



D. Statewide Inventory:

Existing College of Pharmacy Building - 379

Planned College of Pharmacy and Center for Drug Discovery – Not applicable, new building.

E. Influence of project on existing site conditions

1. Relationship to Neighbors

The close proximity of the old and new College of Pharmacy buildings will facilitate the continuity of collaboration among pharmacy research faculty. The building's location on the Ruth and Bill Scott Student Plaza near other UNMC college buildings will promote inter-professional educational experience.

2. Utilities

The connections for steam, condensate, chilled water, and normal and emergency power will be obtained from the campus utility distribution lines located adjacent to the proposed site of the new facility. Connections for water, storm and sanitary sewer will be to city distribution lines in Emile Street on south boundary of the construction site.

3. Parking & Circulation

Parking for the estimated 50 additional faculty and students to be housed in the new building will be provided from existing campus parking inventory.

IV. COMPREHENSIVE PLAN COMPLIANCE

A. University of Nebraska Strategic Framework

The project objectives align with the following goals of the University of Nebraska Strategic Planning Framework 2010-2013:

Goal 2. The University of Nebraska will build and sustain undergraduate, graduate and professional programs of high quality with an emphasis on excellent teaching.

Goal 3. The University of Nebraska will play a critical role in building a talented competitive workforce and knowledge-based economy in Nebraska in partnership with state, private sector and other educational institutions.

Goal 4. The University of Nebraska will pursue excellence and regional, national and international competitiveness in research and scholarly activity, as well as their application, focusing on areas of strategic importance and opportunity.

B. University of Nebraska Medical Center Strategic Plan 2012-2015 (Applicable References)

Vision: The partnership of UNMC and the Nebraska Medical Center will be a world-renowned health sciences center that:

- Delivers state-of-the-art health care;
- Prepares the best-educated health professionals and scientists;
- Ranks among the leading research centers;
- Advances our historic commitment to community health;
- Embraces the richness of diversity to build unity;
- Creates economic growth in Nebraska.

Mission: The mission of the University of Nebraska Medical Center is to improve the health of Nebraska through premier educational programs, innovative research, the highest quality patient care, and outreach to underserved populations.

Critical Success Factors:

- To be learning centered in education.
- Increase prominence as a research health sciences center.
- Advance biomedical technologies to improve health, diversify UNMC revenue and create economic growth in Nebraska.

C. UNMC Facilities Development Plan 2006 to 2015 (Applicable References)

The need for the proposed project is discussed in the September 2011 update of the UNMC 2006-2015 Facilities Development Plan. The project supports the campus goal to develop facilities required to achieve the campus vision and strategic goals: to renew education space, grow research, and expand patient care. The site currently identified for the project is consistent with that proposed in the September 2011 update.

V. ANALYSIS OF EXISTING FACILITIES

A. Function and purpose of existing programs as they relate to the proposed project:

Area	Existing Assignable SF
Pharmacy Education	7,961
College of Pharmacy Administrative Offices	6,185
Pharmacy Research	22,022

B. Physical Deficiencies

- a. Education Space – See Section II.A.3.
- b. Research Space - UNMC’s research enterprise, including pharmaceutical research, continues to grow and has filled the Colleges laboratories to capacity. Research in labs specialized for the synthetic chemistry processes used in pharmaceutical research are limited by the capacity of outdated mechanical systems. Additional chemical fume hoods can no longer be added to the building as a result, the medicinal chemistry program can barely be sustained. Thus, faculty investigators such as Jonathan Vennerstrom are prevented from doing any more chemistry work than at present. See also Section II.A.4.

C. Programmatic Deficiencies - None

D. Replacement cost of existing building – \$12,827,000

VI. FACILITY REQUIREMENTS AND THE IMPACT OF THE PROPOSED PROJECT

A. Functions & Purpose of Proposed Program

1. Activity identification and analysis

- a. College of Pharmacy Instructional Space will include: lecture halls, classrooms and a Pharmacy Simulation Suite. The current College of Pharmacy class size is set at 65. The new building will be designed to facilitate a class size increase, in time, to 80 students if needed to meet pharmacist workforce demands in Nebraska.
- b. Pharmacy Research Laboratories and Shared Laboratory Support Spaces - the proposed building will house research laboratories for drug discovery, drug delivery and translational research along with research support and collaboration space.
- c. College of Pharmacy Administrative Offices

2. Projected Occupancy, Use, Staffing

Personnel Projections	Current	Planned
College of Pharmacy Administration	3	3
Academic/Administrative (Funded Faculty Researchers)	20	30
Academic/Administrative (Dry Lab)	12	12
Managerial Professional (Post Doc)	32	66
Office/Staff/Service (Lab Techs)	22	22
Pharmacy Students	260	260
Graduate Students	34	40
Total	383	433

B. Space Requirements of Proposed Project

1. Square Footage by Function

Activity Code	Use Code	Space	Qty.	NASF each	Total NASF
1.0 Pharmacy Research Laboratories					
	250	Drug Discovery Lab Modules	5	800	4,000
	250	Drug Delivery Lab Modules	8	660	5,280
	250	Translational Research Lab Modules	2	660	1,320
Subtotal					10,600
2.0 Pharmacy Research Offices and Support Spaces					
	310	Drug Discovery Group Offices	5	140	700
	310	Drug Delivery Group Offices	8	140	1,120
	310	Translational Group Offices	2	140	280
	350	Conference Rooms	3	360	1,080
	350	Interactive Spaces	3	220	660
Subtotal					3,840
3.0 Shared Laboratory Support					
	255	Records Storage	1	330	330
	255	Chemical Storage	1	330	330
	255	Solvent Storage	1	330	330
	255	Cell Culture	2	330	660
	255	Radioisotope Storage	1	330	330
	255	Freezer Room	2	330	660
	255	Specialized Hood Room	2	330	660
	255	Instrument Room	5	330	1,650
	255	Glassware Washing and Sterilization	1	330	330
Subtotal					5,280
4.0 Pharmacy Administrative Areas					
		Dean's Suite			

	310	Reception/Waiting	1	300	300
	310	Dean's Office	1	240	240
	310	Associate Dean's Office	2	180	360
	310	Administrator	1	130	130
	310	Staff	4	64	256
	350	Conference Room	1	300	300
	315	Office Storage	1	250	250
	315	Office Filing	1	130	130
	315	Office Kitchenette	1	50	50
		Pharmaceutical Science			
	310	Department Chair	1	140	140
	310	Staff	2	64	128
	315	Storage	1	100	100
	315	Files	1	60	60
	315	Patent Storage	1	150	150
		Pharmacy Practice			
	310	Department Chair	1	140	140
	310	Staff	2	64	128
	315	Storage	1	100	100
	350	Shared Conference Room	1	250	250
		Office of Experiential Education (OEP)			
	310	Director	1	140	140
	310	Staff	2	64	128
	310	Coordinator	1	120	120
		Non-Research Faculty			
	310	Pharmaceutical Science	2	130	260
	310	Pharmacy Practice	11	130	1,430
	315	Copy Room	1	50	50
	315	Student Organization Storage	1	150	150
Subtotal					5,490
5.0 Teaching Facilities					
	110	Lecture with Small Group Learning (90-seat)	3	2,800	8,400
	110	Large Classrooms (45-seat)	2	1,350	2,700
	110	Medium Classrooms (24-seat)	3	600	1,800
	110	Small Group Rooms (12-seat)	12	300	3,600
		Pharmacy Simulation Center			
	210	Pharmacy Resource Room	1	500	500
	210	Consultation Rooms	2	200	400
	210	Consultation Rooms	2	150	300
	210	Compounding/Non Sterile (45-seat)	1	1,650	1,650
	210	Aseptic Technique/Sterile	1	950	950
	215	Storage	1	150	150

	115	Instructional Storage	1	200	200
	110	Student Interaction Areas	4	800	3,200
	110	Computer Cluster	1	360	360
Subtotal					24,210
6.0 Building Support Space					
	620	Building Lobby	1	500	500
	750	Loading Dock	1	250	250
	750	Recyclable Waste Holding Room	1	100	100
	750	Waste Holding Room	1	100	100
	730	Cylinder Storage	1	150	150
Subtotal					1,100
Total Net Assignable SF					50,520
Total Gross SF					85,000

2. Planning Parameters

The research laboratory module size used in the planning process is consistent with recommended dimensions set forth in NIH Design Guidelines, UNMC research space management metrics, and as practical and safe. The laboratory module selected will provide adequate space for laboratory casework, integration of fume hoods, and with sufficient areas for the placement of floor mounted moveable equipment within the laboratory. The laboratory module chosen will provide a great deal of flexibility and allow for ease of future changes when needed. Classrooms, offices and other ancillary spaces have been planned for evolving pedagogy using best architectural practices and university guidelines.

3. Difference Between Existing and Proposed net/gross

	Net Square Feet	Gross Square Feet
Current Building	36,168	65,156
New Building	50,520	85,000

C. Impact of the project on existing space:

1. Reutilization and function(s)

Classroom space to be vacated in the existing College of Pharmacy building will be made available for general campus education use and centrally assigned. Vacated administrative space and outdated class lab space will be repurposed to grow or better position other campus administrative and education functions or clinical faculty offices to be determined as the project nears completion, and as funds become available. About one-half of the research space in the current building is proposed to remain in use by the College of Pharmacy; the balance will be made available for competitive assignment.

2. **Demolition** - The proposed project does not require the demolition of any existing facilities.
3. **Renovation** - The proposed project does not involve the renovation of any existing spaces or facilities.

VII. EQUIPMENT REQUIREMENTS

A. List of available equipment for reuse

Specialized laboratory equipment utilized in current pharmacy research will be relocated as investigators are assigned to the new building.

B. Additional Equipment

1. **Fixed Equipment** - Laboratory benches and reagent racks, fume hoods, autoclaves and laboratory glassware washing equipment will be provided as part of the construction contract.
2. **Moveable Equipment** - An allowance for classroom, laboratory and office furniture, and teaching technology equipment is provided in the project non-construction budget.

VIII. SPECIAL DESIGN CONSIDERATIONS

- A. **Construction Type** - Due to the nature of the research activities being conducted in the Center for Drug Discovery, a Type I A fire resistive reinforced concrete structure will be designed to control vibration in accordance with criteria for Class II research equipment and 125 psf live loads.

B. Heating and Cooling Systems

All air handling systems will be variable air volume with hot water reheat. Fan arrays with direct drive plenum fans will be used. Laboratory area systems will be supplied with 100% outside air with code-compliant ventilation rates. General supply and exhaust system will serve all non-laboratory areas. Laboratory areas will require separate specialized exhaust systems. Exhaust fans will be up-blast, variable volume type designed to maintain a high plume regardless of air volume. Heat recovery systems will be provided to optimize energy conservation. Building controls will be connected to the campus energy management system. Occupancy sensors will be utilized in laboratory spaces to capture energy savings.

- C. **Sustainability** - The building will be designed according to the University of Nebraska Sustainable Design Policy with the intent of achieving the LEED certified level.
- D. **Security** - Building and research security will be considered in the design of the building including the installation of card access at desired locations, surveillance cameras and other physical security measures to be determined during the design process.
- E. **Life Safety/ADA** - The facility will be designed in accordance with the International Codes 2009 Edition, all applicable NFPA 101-2000 code references and the 2010 ADA Standards for Accessible Design and the ICCI ANSI A117.1-2002 Accessibility Codes. Storm shelter areas will be provided, sized to accommodate the projected building population.
- F. **Historic/Architectural Significance** - The proposed site is open ground, there are no historic considerations for the project.
- G. **Artwork** - An artwork budget, sufficient for the project and consistent with Board of Regents policy,

has been included in the project budget.

- H. **Phasing** - The project will be bid as a single contract and be constructed in a single phase.
- I. **Future Expansion** - Future expansion to the east will be considered during the design of the new facility. The new building will also be designed to accommodate the addition of a future skywalk that would span across Emile Street to provide pedestrian connection to future construction to the south.
- J. **Other** - Laboratory design guidelines published by the National Institutes of Health will be considered in the design of laboratory spaces and applied as appropriate to facilitate future infrastructure requirements and research grant opportunities.

IX. PROJECT BUDGET & FISCAL IMPACT

A. Cost Estimate Criteria

1. Standards/ Sources

The opinion of probable construction cost for this project was developed from benchmarking information provided by The Clark Enersen Partners. The benchmarking information includes the completion of three recent regional Colleges of Pharmacy and an array of similar post-secondary research laboratory facilities. National estimating publications were used to escalate similar project costs and to adjust costs regionally in order to represent current construction cost parameters within Omaha, Nebraska.

2. Year, Month, Inflation Factor

The project cost estimate was prepared in November 2012. The cost estimate assumes a 3% annual inflation rate for the 22-month period from December 2012 to the midpoint of construction in October 2014.

3. Gross & Net Square Feet

Net Square Feet	50,520
Gross Square Feet	85,000
Building Efficiency	59.44%

4. Project Cost & Construction Cost per Gross Square Foot

Unit Cost Data	
Project Cost/GSF	\$411.76
Construction Cost/GSF	\$341.14

B. Project Cost – College of Pharmacy and Center for Drug Discovery

1) BUDGET CATEGORY #1 -- CONSTRUCTION COSTS

Construction Contracts:		
Building:		
General		13,017,360
Mechanical and Fire Protection		7,132,800
Electrical		3,328,640
Elevator		297,200
Connecting Link to Sorrell Center		450,000
Special Exhaust Hoods for Drug Discovery Labs		800,000
Sitework:		
Existing Utilities Protection		250,000
Utility Connections To Campus Grid		250,000
Drives, Walks, Landscaping		100,000
Stormwater Management/Site Fill		50,000
	Subtotal Construction Contracts	<u>25,676,000</u>
Inflation to Construction Mid-Point	3.0% 22 months	1,432,000
	Total Construction Contracts	<u>27,108,000</u>
Utility Connection Fees		15,000
In House Construction Including Building Controls		340,000
Other Construction		
Construction Testing - Code Required/IBC Special Inspector		75,000
Telecommunications		375,000
	Subtotal Construction	<u>27,913,000</u>
Construction Contingency	@ 4.0%	1,084,000
SUBTOTAL COST CATEGORY #1 -- CONSTRUCTION COSTS		<u>28,997,000</u>

2) BUDGET CATEGORY #2 -- NON-CONSTRUCTION COSTS

Moveable Equipment (Furniture Only)		750,000
Special & Technical Equipment		0
Biomedical Communications (Audio-Visual)/Security		1,600,000
Land Acquisition		0
Project Design & Management		
a) Project Planning & Program Statement		75,000
b) A/E Basic Services		2,034,000
c) A/E Additional Services		109,000
d) A/E Reimbursable Expense and Printing		50,000
e) In-House Services -- Project Management		725,000
f) Other Consultants		
Geotechnical		15,000
Surveys		15,000
	Subtotal Professional Services	<u>3,023,000</u>
Artwork		75,000
Other Costs		
a) Risk/Quality Management		
Structural Design Peer Review		20,000
Peer Reviews - Building Envelope		60,000
Building Commissioning		65,000
b) Builders Risk Insurance		38,000
c) Moving and Relocation		90,000
d) Signage		50,000
	Subtotal Other Costs	<u>323,000</u>
	SubTotal Non Construction Costs	<u>5,771,000</u>
Non-Construction Contingency	@ 4.0%	231,000
SUBTOTAL COST CATEGORY #2 -- NON-CONSTRUCTION COSTS		<u>6,003,000</u>
TOTAL PROJECT COST		<u>35,000,000</u>

C. Fiscal Impact

FISCAL IMPACT	Amount
Operational & Maintenance costs per year	\$1,140,000
Additional Programmatic Costs	n/a

Note: Operation and maintenance costs will be supported by campus funds; additional state support will not be requested.

X. FUNDING INFORMATION

A. Total funds required is \$35,000,000

B. Project Funding Sources:

Funding Sources	Amount	% Total
State Funds	None	0%
Private Funds	\$35,000,000	100%
Total	\$35,000,000	100%

C. Fiscal year expenditures:

FISCAL YEAR	EXPENDITURES
FY2012-2013	\$ 750,000
FY2013-2014	\$ 8,250,000
FY2014-2015	\$26,000,000

XI. Project Timeline

Fundraising Complete	June 2013
Program Statement Approval by Board of Regents	January 2013
Architect Selection Approval by Board of Regents	March 2013
Intermediate Design Review	August 2013
Bid Project	January 2014
Start Construction	February 2014
Mid-Point Construction	October 2014
Substantial Completion	July 2015

XII. HIGHER EDUCATION SUPPLEMENT

- A. **Coordinating Commission for Public Education (CCPE)** - CCPE review will not be required for this project.
- B. **Method of Contracting** – It is proposed to bid the project, awarding the contract to the low responsible bidder.

TO: The Board of Regents Addendum X-B-12

Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: Purchase of real property located at 4103 Leavenworth Street, Omaha, Nebraska.

RECOMMENDED ACTION: Approve the assignment and assumption agreement which permits the closing on the purchase agreement of real property located at 4103 Leavenworth Street, Omaha, Nebraska.

PREVIOUS ACTION: None.

EXPLANATION: The real estate owned by Phillip G. Ruffin and Oleksandra Nikolayenko-Ruffin, consists of 48,271 square feet or 1.1 acres. Kum & Go, L.C. has a real estate purchase agreement previously entered into with the owners. Kum & Go, L.C. will assign to the Board of Regents of the University of Nebraska, this purchase agreement.

The property is south of Leavenworth Street and adjacent to the UNMC campus.

The property is legally described as Lot One (1), Block Two (2), Thornburg Place, Except the West 44 Feet as described in Inst. #2006-09144, as surveyed, platted and recorded in the City of Omaha, Douglas County, Nebraska.

This property will be utilized for employee parking. This property has been leased for employee parking since 2008.

The property was appraised and an environmental site assessment was completed.

Members of the public and the news media may obtain a copy of the proposed Contract for the Purchase of Real Estate in the Office of the University Corporation Secretary, 3835 Holdrege Street, Lincoln, Nebraska 68583, between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday, except University holidays.

PROJECT COST: \$975,000

SOURCE OF FUNDING: Revolving Funds

SPONSOR: Donald S. Leuenberger
Vice Chancellor for Business and Finance

RECOMMENDED: Harold M. Maurer, M.D., Chancellor
University of Nebraska Medical Center

DATE: December 19, 2012

TO: The Board of Regents Addendum X-B-13
Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: Lease of space

RECOMMENDED ACTION: Approve long-term leasing of space for the Gretchen Swanson Center for Nutrition

PREVIOUS ACTION: August 9, 2003 – The Board of Regents approved a 15 year lease between the Gretchen Swanson Center for Nutrition for space on the first level of Swanson Hall at UNMC.

EXPLANATION: Swanson Hall is scheduled to be demolished in April of 2013 pending Board of Regents approval. One of the current tenants is the Gretchen Swanson Center for Nutrition (Center) under a 15 year lease ending July 31, 2018. Through the approval of this agenda item, UNMC will provide equivalent and comparable space to Center until July 31, 2018 to fulfill the terms of the existing lease. Rentals in the proposed space will approximate \$122,000 per year and \$690,000 over the term of the lease.

Members of the public and the news media may obtain a copy of the proposed lease in the Office of the University Corporation Secretary, 3835 Holdrege Street, Lincoln, Nebraska 68583, between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday, except University holidays.

PROJECT COST: \$690,000

SOURCE OF FUNDS: Cash funds

SPONSOR: Donald S. Leuenberger
Vice Chancellor for Business & Finance

RECOMMENDED: Harold M. Maurer, M.D., Chancellor
University of Nebraska Medical Center

DATE: December 19, 2012

C. FOR INFORMATION ONLY

1. University of Nebraska Strategic Planning Framework Addendum X-C-1
2. University of Nebraska Strategic Framework Accountability Measures Addendum X-C-2
3. Calendar of establishing and reporting accountability measures Addendum X-C-3
4. University of Nebraska Strategic Dashboard Indicators Addendum X-C-4
5. Board of Regents agenda items related to the University of Nebraska Strategic Framework Addendum X-C-5

TO: The Board of Regents
Academic Affairs

MEETING DATE: January 25, 2013

SUBJECT: University of Nebraska Strategic Framework

RECOMMENDED ACTION: For Information Only

PREVIOUS ACTION: None

EXPLANATION: Attached is the current version of the Strategic Framework document.

SPONSOR: James B. Milliken, President
University of Nebraska

DATE: December 19, 2012

INVESTING IN NEBRASKA'S FUTURE

Strategic Planning Framework

2010-2013

The University of Nebraska is a four-campus, public university which was created and exists today to serve Nebraskans through quality teaching, research, and outreach and engagement. We strive to be the best public university in the country as measured by the impact we have on our people and our state, and through them, the world. To do that, we must compete effectively with other institutions around the world for talented students and faculty. The future of Nebraska is closely tied to that of its only public university, and this framework guides university-wide and campus planning to help build and sustain a Nebraska that offers its citizens educational and economic opportunity and a high quality of life.

The framework consists of six overarching goals emphasizing access and affordability, quality academic programs, workforce and economic development, research growth, engagement with the state, and accountability. Each goal has a number of related objectives, strategies and accountability measures developed for Board and university-wide monitoring over a multi-year period. Companion documents include an implementation tool with metrics and the schedule for monitoring by the Board, as well as a dashboard reflecting progress.

The university's efforts will not be limited to these priorities, as we expect to be able to measure progress in other areas given the interrelatedness of the objectives, other priorities of the Board and the President, and the ongoing strategic planning efforts of the four campuses. Campus plans are consistent with this framework and operate within its broader goals. Each campus has established a set of quality indicators that provide a means to evaluate achievement and momentum related to its principal objectives.

1. The University of Nebraska will provide the opportunity for Nebraskans to enjoy a better life through access to high quality, affordable undergraduate, graduate and professional education.
 - a. The university will strive to increase affordability and ensure qualified students are not denied access based on economic circumstances.
 - i. Secure state funding sufficient to support access to high quality programs.*
 - ii. Keep tuition increases moderate and predictable for students and families, consistent with goals of both access and quality.*
 - iii. Expand need-based financial aid and effectively market opportunity and major aid programs (e.g. Collegebound Nebraska, Buffett Scholars, Thompson Learning Communities).*
 - b. Increase the percentage of Nebraska high school graduates (the state “college-going rate”) who enroll at and graduate from the university.
 - i. Increase enrollment, consistent with quality imperatives, to serve Nebraska’s goals for increased educational attainment.*
 - ii. Increase each campus’s undergraduate freshman-to-sophomore retention rate each year, with a goal of exceeding the average of its peer institutions.*
 - iii. Increase each campus’s undergraduate six-year graduation rate, with a goal of exceeding the average of its peer institutions.*
 - c. Increase the diversity of those who enroll at and graduate from the university, employing measures permitted by state and federal law.
 - i. Engage in partnerships with other higher education institutions, K-12, and the private sector to increase diversity of students who seek a post-secondary education, employing measures permitted by state and federal law.*
 - d. Expand lifelong educational opportunities, including those for non-traditional and transfer students.
 - e. Promote adequate student preparation for success in higher education.
 - i. Engage in pilot programs with Nebraska high schools for development of high school academies in partnership with the university.*
 - ii. Provide timely and usable information to middle school students, parents, teachers and school administrators.*

- f. Promote ease of transfer to the university from other higher education institutions.
 - i. *Improve programs for transfer from community colleges, state colleges and other higher education institutions.*
 - g. Expand distance education programs, taking advantage of university-wide marketing and efficiencies and campus role and mission, strengths and entrepreneurship.
 - i. *The University will offer a variety of its academic programs by distance education through Online Worldwide in an effort to provide access to the University of Nebraska to the people of the state and beyond the boundaries of the state who are unable to enroll in programs offered only on campus.*
2. The University of Nebraska will build and sustain undergraduate, graduate and professional programs of high quality with an emphasis on excellent teaching.
- a. Recruit and retain exceptional faculty and staff, with special emphasis on building and sustaining diversity.
 - i. *To help ensure competitiveness, faculty salaries and incentives (awarded on the basis of merit) and fringe benefits should exceed the average of peer institutions.*
 - ii. *Develop and maintain programs to enhance work/life conditions of faculty and staff, including overall campus climate.*
 - iii. *Each campus shall endeavor to meet the university's ongoing commitments to faculty diversity, employing measures permitted by state and federal law.*
 - iv. *Increase support for professorships and named/distinguished chairs.*
 - b. Pursue excellence through focus on targeted programs in areas of importance to Nebraska where the university can be a regional, national and/or international leader (e.g. agriculture and natural resources, life sciences, information technology and architectural engineering).
 - i. *Programs of Excellence funding shall be increased when practicable and results of allocations shall be periodically reviewed for impact.*
 - ii. *Resource allocation shall take advantage of distinct campus roles and missions to achieve overall university goals.*
 - iii. *Campuses are encouraged to collaborate to achieve overall university goals.*
 - c. Provide opportunities for global engagement of faculty through international teaching, research and outreach exchanges, fellowships and collaborations.
 - i. *Increase faculty participation in Fulbright and related programs.*

3. The University of Nebraska will play a critical role in building a talented, competitive workforce and knowledge-based economy in Nebraska in partnership with the state, private sector and other educational institutions.
 - a. Work to stem and reverse the out-migration of graduates and knowledge workers.
 - b. Increase proportion of the most talented Nebraska high school students who attend the University of Nebraska.
 - i. *Increase enrollment of Nebraska students ranked in top 25% of their high school class.*
 - ii. *Increase support for merit-based scholarships.*
 - c. To attract talent to the state, increase the number of nonresident students who enroll at the university.
 - i. *Increase enrollment of nonresident undergraduate students at UNL, UNO and UNK.*
 - d. To adequately prepare students for the global economy, significantly increase opportunities for international study and engagement.
 - i. *Significantly increase the number of undergraduates studying abroad, with the goal of ultimately providing the opportunity for every undergraduate to study abroad.*
 - ii. *Significantly increase the number of international undergraduates and graduates studying at the university.*
 - e. Encourage and facilitate the commercialization of research and technology to benefit Nebraska.
 - f. Develop and strengthen internship and service learning opportunities with business, education, government, military, and nonprofit organizations.
 - g. Engage in partnerships with government and the private sector to develop regional economic strength.
 - h. Pursue excellence in educational attainment aligned with the long-term interests of the state.
 - i. *Analyze areas of future workforce demand, including job and self-employment opportunities in non-growth rural communities and economically disadvantaged urban areas, and strengthen or develop curricula and programs appropriate to the university in alignment with those areas.*
 - ii. *Develop educational programs that prepare students for the flexibility required to respond to the uncertainty of future workforce demands.*

iii. *Develop distance education and other educational programs that permit Nebraskans to prepare for jobs and opportunities to meet future workforce demands.*

4. The University of Nebraska will pursue excellence and regional, national and international competitiveness in research and scholarly activity, as well as their application, focusing on areas of strategic importance and opportunity.

a. Increase external support for research and scholarly activity.

i. *Increase federal support for instruction, research and development, and public service.*

ii. *Inventory and forecast infrastructure (physical facilities, information technology, equipment) necessary to support continued growth in research activity and secure private and public support to eliminate deficiencies.*

b. Increase undergraduate and graduate student participation in research and its application.

c. Encourage and support interdisciplinary, intercampus, inter-institutional and international collaboration.

d. Improve the quantity and quality of research space through public and private support.

e. Focus resources on areas of strength in research where the university has the opportunity for regional, national and international leadership and in areas of strategic importance to the health and economic strength of Nebraska (e.g. agriculture and life sciences; natural resources, especially water; prevention and cure of diseases such as cancer; and early childhood education).

i. *Invest resources through the Nebraska Research Initiative, Programs of Excellence and other sources to build capacity and excellence in research.*

5. The University of Nebraska will serve the entire state through strategic and effective engagement and coordination with citizens, businesses, agriculture, other educational institutions, and rural and urban communities and regions.

a. Support economic growth, health and quality of life through policy initiatives consistent with university mission.

b. Recognize and reward faculty innovation and effectiveness in outreach and engagement.

- c. Support Nebraska's economic development.
 - i. Partner and collaborate with government and the private sector to attract, retain, and spur business development and economic opportunity.*
 - ii. Use university research and other resources to foster more effective relationships with the private sector.*
 - d. Support entrepreneurship education, training and outreach.
 - e. Collaborate with the public and private sectors to build successful regional, multistate, international linkages.
 - f. Use university resources to engage Nebraskans outside cities where our major campuses are located.
 - i. Effectively use the Nebraska Rural Initiative and other university-wide and campus programs to develop excellence in supporting community development while creating quality economic opportunities throughout rural Nebraska.*
 - ii. Effectively use regional research and extension operations and statewide extension for engagement with the university.*
6. The University of Nebraska will be cost effective and accountable to the citizens of the state.
- a. Support the development of a sustainable university environment.
 - i. Build a comprehensive long-range capital facilities planning process and provide a six-year capital construction plan, updated quarterly.*
 - ii. Implement the second phase of LB 605 to repair, renovate and/or replace specific university facilities.*
 - iii. Campuses shall pursue energy efficiency.*
 - iv. Campuses shall promote through policies and scheduling effective utilization of university facilities.*
 - b. Maintain a safe environment for students, faculty, staff and visitors.
 - i. Develop and regularly monitor fire safety plans and procedures.*
 - ii. Collaborate with state and local government in disaster planning.*
 - iii. Develop and test campus plans for emergencies and disasters.*

- c. Allocate resources in an efficient and effective manner.
 - i. Use best practices in procurement and construction and other business engagement.*
 - ii. Leverage roles and missions of campuses to find savings and cost reductions through academic, administrative and business process efficiencies and effectiveness.*
 - iii. Develop and report on matrix of business health indicators, including university debt.*
- d. Maximize and leverage non-state support.
 - i. Promote entrepreneurship and revenue-generating opportunities.*
 - ii. Collaborate with the University of Nebraska Foundation to secure private support for university priorities.*
- e. Create and report performance and accountability measures.
- f. Maximize potential of information technology to support the university's activities.
- g. Provide accurate and transparent information to the public about college costs and student learning and success outcomes.
 - i. Participate in the Voluntary System of Accountability.*
 - ii. Participate in the National Survey of Student Engagement.*
 - iii. Monitor student achievements on licensing and professional examinations.*
 - iv. Participate and measure effectiveness of national pilot projects on learning assessment with the goal of adopting university measurements.*
- h. Implement awareness and education programs to assist all students in management of personal financial matters.

TO: The Board of Regents
Academic Affairs

MEETING DATE: January 25, 2013

SUBJECT: University of Nebraska Strategic Framework Accountability Measures

RECOMMENDED ACTION: For Information Only

PREVIOUS ACTION: None

EXPLANATION: Attached is the current version of the Strategic accountability measures.

SPONSOR: James B. Milliken, President
University of Nebraska

DATE: December 19, 2012

INVESTING IN NEBRASKA’S FUTURE

Strategic Planning Framework

2010-2013

Accountability Measures

1. State Funding (1-a-i)

Secure state funding sufficient to support access to high quality programs.

Reporting Period	Accountability Measure	Report Date	Reporting Committee
FY 2013-14	Attain sufficient state funding and manage the cost effectiveness of the University so that tuition increases do not exceed 6%.	June 2013	Business
FY 2014-15	Attain sufficient state funding and manage the cost effectiveness of the University so that tuition increases do not exceed 6%.	June 2014	Business
FY 2015-16	Attain sufficient state funding and manage the cost effectiveness of the University so that tuition increases do not exceed 6%.	June 2015	Business

2. Tuition (1-a-ii)

Keep tuition increases moderate and predictable for students and families, consistent with goals of both access and quality.

Reporting Period	Accountability Measure	Report Date	Reporting Committee
FY 2013-14	Attain sufficient state funding and manage the cost effectiveness of the University so that tuition increases do not exceed 6%.	June 2013	Business
FY 2014-15	Attain sufficient state funding and manage the cost effectiveness of the University so that tuition increases do not exceed 6%.	June 2014	Business
FY 2015-15	Attain sufficient state funding and manage the cost effectiveness of the University so that tuition increases do not exceed 6%.	June 2015	Business

3. Need-based Financial Aid (1-a-iii)

Expand need-based financial aid and effectively market opportunity and major aid programs (e.g. Collegebound Nebraska, Buffett Scholars, Thompson Learning Communities).

On September 14, 2012, the Board of Regents referred future need-based aid metrics to the Academic Affairs committee of the Board for discussion and a report/recommendation at a future date.

Reporting Period	Accountability Measure	Report Date	Reporting Committee
FY 2011-12	Raise at least \$6 million in private funds (endowment and/or spendable)	Sept. 2012	Academic
FY 2012-13	TO BE DETERMINED	Sept. 2013	Academic
FY 2013-14	TO BE DETERMINED	Sept. 2014	Academic
FY 2014-15	TO BE DETERMINED	Sept. 2015	Academic

4. Enrollment (1-b-i)

Increase enrollment, consistent with quality imperatives, to serve Nebraska’s goals for increased educational attainment.

Reporting Period	Accountability Measure	Report Date	Reporting Committee
Fall 2013	1) Increase undergraduate enrollment by 1.5% annually. 2) Maintain a retention rate of 80% or above for undergraduate students.	Nov. 2013	Academic
Fall 2014	1) Report on progress toward campus-established enrollment metrics. 2) Report on progress toward NU-wide enrollment metric.	Nov. 2014	Academic
Fall 2015	1) Report on progress toward campus-established enrollment metrics. 2) Report on progress toward NU-wide enrollment metric.	Nov. 2015	Academic

5. Graduation Rates (1-b-iii)

Increase each campus’s undergraduate six-year graduation rate, with a goal of exceeding the average of its peer institutions.

Reporting Period	Accountability Measure	Report Date	Reporting Committee
2010-11 Academic Year	1) Each campus will maintain or reach the average six-year graduation rate of its peers. 2) All prospective and current undergraduate students are regularly informed and assisted in obtaining the benefit of the University’s four-year graduation guarantee.	Jan. 2013	Academic
2011-12 Academic Year	1) Each campus will maintain or reach the average six-year graduation rate of its peers. 2) All prospective and current undergraduate students are regularly informed and assisted in obtaining the benefit of the University’s four-year graduation guarantee.	Jan. 2014	Academic
2012-13 Academic Year	1) Each campus will maintain or reach the average six-year graduation rate of its peers. 2) All prospective and current undergraduate students are regularly informed and assisted in obtaining the benefit of the University’s four-year graduation guarantee.	Jan. 2015	Academic

6. Faculty Merit Compensation (2-a-i)

To help ensure competitiveness, faculty salaries and incentives (awarded on the basis of merit) and fringe benefits should exceed the average of peer institutions.

Reporting Period	Accountability Measure	Report Date	Reporting Committee
FY 2012-13	<ol style="list-style-type: none"> 1) All salary increases should be awarded, to the extent possible, on the basis of merit. 2) Average faculty salaries on each campus shall meet or exceed the midpoint of peers. 3) Once the midpoint of peers has been met or exceeded, an exceptional merit fund shall be established to provide additional incentives related to performance. 	June 2013	Business
FY 2013-14	<ol style="list-style-type: none"> 1) All salary increases should be awarded, to the extent possible, on the basis of merit. 2) Average faculty salaries on each campus shall meet or exceed the midpoint of peers. 3) Once the midpoint of peers has been met or exceeded, an exceptional merit fund shall be established to provide additional incentives related to performance. 	June 2014	Business
FY 2014-15	<ol style="list-style-type: none"> 1) All salary increases should be awarded, to the extent possible, on the basis of merit. 2) Average faculty salaries on each campus shall meet or exceed the midpoint of peers. 3) Once the midpoint of peers has been met or exceeded, an exceptional merit fund shall be established to provide additional incentives related to performance. 	June 2015	Business

Due to changes in the Board's meeting schedule, reporting on this item was moved from April to June in 2013.

7. Faculty Diversity (2-a-iii)

Each campus shall endeavor to meet the university's ongoing commitments to faculty diversity, employing measures permitted by state and federal law.

Reporting Period	Accountability Measure	Report Date	Reporting Committee
Fall 2012	<ol style="list-style-type: none"> 1) Increase faculty diversity, employing measures permitted by state and federal law. 2) Report on the diversity of the faculty and the relative rate of change in faculty composition as compared to peers. 	Sept. 2013	Academic
Fall 2013	<ol style="list-style-type: none"> 1) Increase faculty diversity, employing measures permitted by state and federal law. 2) Report on the diversity of the faculty and the relative rate of change in faculty composition as compared to peers. 	Sept. 2014	Academic
Fall 2014	<ol style="list-style-type: none"> 1) Increase faculty diversity, employing measures permitted by state and federal law. 2) Report on the diversity of the faculty and the relative rate of change in faculty composition as compared to peers. 	Sept. 2015	Academic

8. Nebraska Top 25% (3-b-i)

Increase enrollment of Nebraska students ranked in top 25% of their high school class.

On October 26, 2012, the Board of Regents referred the Top 25% metric to the Academic Affairs committee of the Board for discussion and a report/recommendation at a future date.

Reporting Period	Accountability Measure	Report Date	Reporting Committee
Fall 2012	Increase enrollment of first-time freshmen ranked in the top quartile of their high school graduating class to 50.0%.	Oct. 2012	Academic
Fall 2013	TO BE DETERMINED	Nov. 2013	Academic
Fall 2014	TO BE DETERMINED	Nov. 2014	Academic
Fall 2015	TO BE DETERMINED	Nov. 2015	Academic

9. Merit-based Scholarships (3-b-ii)

Increase support for merit-based scholarships.

On September 14, 2012, the Board of Regents referred future merit-based scholarship metrics to the Academic Affairs committee of the Board for discussion and a report/recommendation at a future date.

Reporting Period	Accountability Measure	Report Date	Reporting Committee
FY 2011-12	Raise at least \$6 million in private funds (endowment and/or spendable).	Sept. 2012	Academic
FY 2012-13	TO BE DETERMINED	Sept. 2013	Academic
FY 2013-14	TO BE DETERMINED	Sept. 2014	Academic
FY 2014-15	TO BE DETERMINED	Sept. 2015	Academic

10. Nonresident Student Enrollment (3-c-i)

Increase enrollment of nonresident undergraduate students at UNL, UNO and UNK.

On October 26, 2012, the Board of Regents referred future enrollment metrics to the Academic Affairs committee of the Board for discussion and a report/recommendation at a future date.

Reporting Period	Accountability Measure	Report Date	Reporting Committee
Fall 2012	Increase the number of new nonresident undergraduate students by 1.5% percent annually.	Oct. 2012	Academic
Fall 2013	TO BE DETERMINED	Nov. 2013	Academic
Fall 2014	TO BE DETERMINED	Nov. 2014	Academic
Fall 2015	TO BE DETERMINED	Nov. 2015	Academic

11. Workforce Development (3-h-i and 3-h-iii)

Analyze areas of future workforce demand, including job and self-employment opportunities in non-growth rural communities and economically disadvantaged urban areas, and strengthen or develop curricula and programs appropriate to the university in alignment with those areas. (3-h-i) Develop distance education and other educational programs that permit Nebraskans to prepare for jobs and opportunities to meet future workforce demands. (3-h-iii)

Reporting Period	Accountability Measure	Report Date	Reporting Committee
Fall 2012	Address program alignment revisions to meet workforce needs based on Fall 2011 data.	March 2013	Academic
Fall 2013	Address program alignment revisions to meet workforce needs based on Fall 2011 data.	March 2014	Academic
Fall 2014	Address program alignment revisions to meet workforce needs based on Fall 2011 data.	March 2015	Academic

12. Research (4-a-i)

Increase federal support for instruction, research and development, and public service.

Reporting Period	Accountability Measure	Report Date	Reporting Committee
FY 2011-12	Increase UNL and UNMC federal research expenditures by 20% more than the weighted total federal appropriations per year on a three-year rolling average.	March 2013	Academic
FY 2012-13	Increase UNL and UNMC federal research expenditures by 20% more than the weighted total federal appropriations per year on a three-year rolling average.	March 2014	Academic
FY 2013-14	Increase UNL and UNMC federal research expenditures by 20% more than the weighted total federal appropriations per year on a three-year rolling average.	March 2015	Academic

13. Entrepreneurship (5-d)

Support entrepreneurship education, training and outreach.

Reporting Period	Accountability Measure	Report Date	Reporting Committee
Spring 2013	<ol style="list-style-type: none"> 1) Increase training hours invested by program participants by 5% of 55,104. 2) Increase number of clients assisted by 5% of 12,868. 3) Increase number of SBIR/STTR applications by 10% of 84. 4) Increase number of SBIR/STTR awards by 5% of 8. 5) Increase investment in NU assisted companies by 5% of \$58,549,521. 6) Increase NU assisted business start-ups and transitions by 5% of 246. 	March 2013	Academic
Spring 2014	Evaluate and modify annual targets as appropriate.	March 2014	Academic
Spring 2015	Evaluate and modify annual targets as appropriate.	March 2015	Academic

Due to changes in the Board's meeting schedule, reporting on this item was moved from April to March in 2013.

14. LB 605 (6-a-ii)

Implement the second phase of LB 605 to repair, renovate and/or replace specific university facilities.

A capstone report on LB 605 was presented to the Board of Regents in January 2011.

15. Business Process Efficiencies (6-c-ii)

Leverage roles and missions of campuses to find savings and cost reductions through academic, administrative and business process efficiencies and effectiveness.

Reporting Period	Accountability Measure	Report Date	Reporting Committee
2012 Calendar Year	<ol style="list-style-type: none"> 1) Short-Term Cash/Investments: Exceed average of similar fund types 2) Endowments: Exceed average of similar fund types 3) Debt: Maintain Aa2 rating; exceed 1.15 coverage 4) Capital: Capital Queue 5) Human Resources: Meet midpoint of peers in faculty and staff salaries 	<ol style="list-style-type: none"> 1) June 2012 2) January 2013 (no Dec. 2012 meeting) 3) January 2013 (no Dec. 2012 meeting) 4) Quarterly 5) April 2012 	Business
2013 Calendar Year	<ol style="list-style-type: none"> 1) Short-Term Cash/Investments: Exceed average of similar fund types 2) Endowments: Exceed average of similar fund types 3) Debt: Maintain Aa2 rating; exceed 1.15 coverage 4) Capital: Report on Capital Queue 5) Human Resources: Meet midpoint of peers in faculty and staff salaries 	<ol style="list-style-type: none"> 1) 2nd Quarter 2013 2) 4th Quarter 2013 3) 4th Quarter 2013 4) Quarterly 5) 2nd Quarter 2013 	Business
2014 Calendar Year	<ol style="list-style-type: none"> 1) Short-Term Cash/Investments: Exceed average of similar fund types 2) Endowments: Exceed average of similar fund types 3) Debt: Maintain Aa2 rating; exceed 1.15 coverage 4) Capital: Report on Capital Queue 5) Human Resources: Meet midpoint of peers in faculty and staff salaries 	<ol style="list-style-type: none"> 1) 2nd Quarter 2014 2) 4th Quarter 2014 3) 4th Quarter 2014 4) Quarterly 5) 2nd Quarter 2014 	Business

16. Student Learning Assessment (6-g)

Provide accurate and transparent information to the public about college costs and student learning and success outcomes.

Reporting Period	Accountability Measure	Report Date	Reporting Committee
Fall 2012	<ol style="list-style-type: none"> 1) Annual or other periodic review, as available, by the Board of performance on standardized examinations and surveys, including the National Survey of Student Engagement and professional licensure examinations. 2) Annual review by the Board of participation in pilot programs to measure student learning outcomes, such as the Collegiate Learning Assessment. 	March 2013	Academic
Fall 2013	<ol style="list-style-type: none"> 1) Annual or other periodic review, as available, by the Board of performance on standardized examinations and surveys, including the National Survey of Student Engagement and professional licensure examinations. 2) Annual review by the Board of participation in pilot programs to measure student learning outcomes, such as the Collegiate Learning Assessment. 	March 2014	Academic
Fall 2014	<ol style="list-style-type: none"> 1) Annual or other periodic review, as available, by the Board of performance on standardized examinations and surveys, including the National Survey of Student Engagement and professional licensure examinations. 2) Annual review by the Board of participation in pilot programs to measure student learning outcomes, such as the Collegiate Learning Assessment. 	March 2015	Academic

Due to changes in the Board's meeting schedule, reporting on this item was moved from April to March in 2013.

17. Global Engagement - Study Abroad (3-d-i)

Significantly increase the number of undergraduates studying abroad, with the goal of ultimately providing the opportunity for every undergraduate to study abroad.

Reporting Period	Accountability Measure	Report Date	Reporting Committee
Academic Year 2011-12	By 2019-20, the University shall increase the number of students who have participated in a study or work abroad program to 2,442. Using the base academic year 2009-10 when 1,221 participated in such programs outside the U.S., the University will achieve slightly more than 7% growth compounded each year to reach the goal.	June 2013	Academic
Academic Year 2012-13	Continue progress toward doubling by 2019-20 the number of students who have studied or worked abroad by achieving average annual growth of slightly more than 7%.	June 2014	Academic
Academic Year 2013-14	Continue progress toward doubling by 2019-20 the number of students who have studied or worked abroad by achieving average annual growth of slightly more than 7%.	June 2015	Academic

18. Global Engagement – International Student Enrollment (3-d-ii)

Significantly increase the number of international undergraduates and graduates studying at the university.

On October 26, 2012, the Board of Regents referred future enrollment metrics to the Academic Affairs committee of the Board for discussion and a report/recommendation at a future date.

Reporting Period	Accountability Measure	Report Date	Reporting Committee
Academic Year 2011-12	By 2019-20, the University shall increase the number of international students enrolled to 6,036. Using the base academic year 2009-10 when 3,018 international students were enrolled, the University will achieve slightly more than 7% growth compounded each year to reach the goal.	Oct. 2012	Academic
Academic Year 2012-13	TO BE DETERMINED	Nov. 2013	Academic
Academic Year 2013-14	TO BE DETERMINED	Nov. 2014	Academic
Academic Year 2014-15	TO BE DETERMINED	Nov. 2015	Academic

19. Distance Education (1-g-i)

The University will offer a variety of its academic programs by distance education through Online Worldwide in an effort to provide access to the University of Nebraska to the people of the state and beyond the boundaries of the state who are unable to enroll in programs offered only on campus.

Reporting Period	Accountability Measure	Report Date	Reporting Committee
Academic Year 2011-12	Increase student credit hours from distance-only students in Nebraska and beyond the boundaries of the state each by 10% annually through 2014-15.	June 2013	Academic
Academic Year 2012-13	Increase student credit hours from distance-only students in Nebraska and beyond the boundaries of the state each by 10% annually through 2014-15.	June 2014	Academic
Academic Year 2013-14	Increase student credit hours from distance-only students in Nebraska and beyond the boundaries of the state each by 10% annually through 2014-15.	June 2015	Academic

Due to changes in the Board's meeting schedule, reporting on this item was moved from April to June in 2013.

TO: The Board of Regents
Academic Affairs

MEETING DATE: January 25, 2013

SUBJECT: University of Nebraska Calendar of establishing and reporting
accountability measures

RECOMMENDED ACTION: For Information Only

PREVIOUS ACTION: None

EXPLANATION: Attached is a calendar of establishing and reporting accountability
measures.

SPONSOR: James B. Milliken, President
University of Nebraska

DATE: December 19, 2012

Strategic Framework Accountability Measure Reporting and Updating Calendar

Revised January 3 for January 25, 2013, meeting

<u>Board Meeting Date</u>	<u>Academic Affairs Committee</u>	<u>Business Affairs Committee</u>
January 25, 2013	Graduation Rates [1-b-iii]	Administrative/Business Efficiencies [6-c-ii] <i>(Endowments, Debt, Capital Queue)</i> <i>(Usually in December but no Dec. 2012 mtg)</i>
February 15, 2013	UNK campus visit with discussion of campus strategic plan and performance indicators.	
March 15, 2013	Workforce Development [3-h-i & iii] Research [4-a-i] Entrepreneurship [5-d] Student Learning Assessment [6-g]	Administrative/Business Efficiencies [6-c-ii] <i>(Capital Queue)</i>
June 7, 2013	Distance Education [1-g-i] Study Abroad [3-d-i]	State Funding [1-a-i] Tuition [1-a-ii] Faculty Merit Compensation [2-a-i] Administrative/Business Efficiencies [6-c-ii] <i>(Short-term Cash/Investments, Capital Queue, Human Resource)</i>
September 20, 2013	Need-based Financial Aid [1-a-iii] Faculty Diversity [2-a-iii] Merit-based Scholarships [3-b-ii]	Administrative/Business Efficiencies [6-c-ii] <i>(Capital Queue)</i>
October 24, 2013	UNO campus visit with discussion of campus strategic plan and performance indicators.	
November 15, 2013	Enrollment [1-b-i] Nebraska Top 25% [3-b-i] Nonresident Student Enrollment [3-c-i] International Student Enrollment [3-d-ii]	None
January 24, 2014	Graduation Rates [1-b-iii]	Administrative/Business Efficiencies [6-c-ii] <i>(Endowments, Debt, Capital Queue)</i> <i>(Usually in December but no Dec. 2013 mtg)</i>

TO: The Board of Regents
Academic Affairs

MEETING DATE: January 25, 2013

SUBJECT: University of Nebraska Strategic Dashboard Indicators

RECOMMENDED ACTION: For Information Only

PREVIOUS ACTION: None

EXPLANATION: Attached is the current version of the Strategic Framework Indicators.

SPONSOR: James B. Milliken, President
University of Nebraska

DATE: December 19, 2012

University of Nebraska Strategic Dashboard Indicators (Updated as of October 26, 2012)

State Funding Change (1.a.i) FY 2012-13	Tuition Change (1.a.ii) FY 2012-13	Enrollment Change (1.b.i) Fall 2012	Retention (1.b.i) Fall 2012	Need-Based Aid (1.a.iii) FY2011-12	
<u>Target</u> <u>Outcome</u>	<u>Target</u> <u>Outcome</u>	<u>Target</u> <u>Outcome</u>	<u>Target</u> <u>Outcome</u>	<u>Target</u> <u>Outcome</u>	
State funding + cost mgmt. = <6% tuition increase 1.3%	Funding + cost mgmt. = <6% tuition increase 3.75%	1.5% -0.1%	80% Retention rate 80.9%	Increase private funds by \$6 million Increased \$9.91 million	
Women Faculty (2.a.iii) Fall 2011	Minority Faculty (2.a.iii) Fall 2011	Top 25% Enrollment (3.b.i) Fall 2012	Nonresident Students (3.c.i) Fall 2012	Merit-Based Aid (3.b.ii) FY2011-12	
<u>Target</u> <u>Outcome</u>	<u>Target</u> <u>Outcome</u>	<u>Target</u> <u>Outcome</u>	<u>Target</u> <u>Outcome</u>	<u>Target</u> <u>Outcome</u>	
Increase over 2010 2011=34.56% 2010=33.76%	Increase over 2010 2011=17.55% 2010=16.15%	Increase to 50% 46.6%	Increase 1.5% over 2011 5.2%	Increase private funds by \$6 million Increased \$26.45 million	
Study Abroad (3.d.i) AY2010-11	International Students (3.d.ii) AY2010-11	Distance Education (3.g.i) AY2010-11	Six-Year Graduation Rate (1.b.iii) AY2009-10		
<u>Target</u> <u>Outcome</u>	<u>Target</u> <u>Outcome</u>	<u>Target</u> <u>Outcome</u>	<u>Campus</u>	<u>Target</u>	<u>Outcome</u>
Double base of 1,221 students by 2019-20 2010=1,048 2009=1,221	Double base of 3,018 students by 2019-20 10.0% increase	Increase in-state and out-of-state distance only credit hours by 10% In-state = 5.2% Out-of-State = 5.3%	UNL	Maintain or show progress toward reaching the average six-year graduation rate of peers	2010= -6.2% 2009= -6.1%
			UNO		2010= 3.0% 2009= 5.0%
			UNK		2010= 6.3% 2009= 8.4%
			UNMC	Not Applicable	Not Applicable

LEGEND:



Target Met or Exceeded



Progress Toward Target



Target Not Met

University of Nebraska Strategic Dashboard Indicators (Updated as of October 26, 2012)

Federal Research Funding Growth (4.a.i) UNL and UNMC FY2010-11			Research/Scholarly Activity Growth (4.a.i) UNO and UNK FY2010-11			Faculty Salaries (2.a.i) FY2011-12				
<u>Campus</u>	<u>Target</u>	<u>Outcome</u>	<u>Campus</u>	<u>Target</u>	<u>Outcome</u>	<u>Campus</u>	<u>Target</u>	<u>Outcome</u>		
↑	UNL	4.53%	14.32%	↑	UNO	Double in 10 years/7% annual compounded growth over FY 2005-06	42.1%	↓	UNL	2011= -5.6% 2010= -4.6%
↑	UNMC	3.62%	23.46%	↓	UNK	-19.6%	↓	UNMC	Significant progress toward exceeding midpoint of peers	2011= -8.3% 2010= -7.4%
									UNO	*
									UNK	*

	<u>Indicator</u>	<u>Target</u>	<u>Outcome</u>
↑	Four-Year Graduation Guarantee (1.b.iii) AY2009-10	All prospective and current undergraduate students are informed about the University's four-year graduation guarantee.	All campuses have posted information about the four-year graduation guarantee on their websites and also have a link to four-year graduation guarantee information on the UNCA website.
↑	Faculty Salaries (2.a.1) Fall 2011	Award all salary increases, to the extent possible, on the basis of merit.	Faculty salaries at UNL and UNMC may be based/granted entirely on merit, while faculty salaries at UNO and UNK are negotiated through the collective bargaining process and therefore the amount and method of distribution at UNO and UNK must be determined by agreement.
↑	Entrepreneurship (5.d) Spring 2012	1) Increase training hours by 5%. 2) Increase number of clients by 5%. 3) Increase SBIR/STTR applications by 10%. 4) Increase SBIR/STTR awards by 5%. 5) Increase investment in NU-assisted companies by 5%. 6) Increase NU-assisted startups and transitions by 5%.	1) Training hours decreased by 16%. 2) Clients increased by 25%. 3) SBIR/STTR applications increased 9%. 4) SBIR/STTR awards decreased 62%. 5) Investment in NU-assisted companies increased 12%. 6) NU-assisted start-ups and transitions decreased 58%.

LEGEND:



Target Met or Exceeded









Progress Toward Target



Target Not Met

University of Nebraska Strategic Dashboard Indicators (Updated as of October 26, 2012)

	<u>Indicator</u>	<u>Target</u>	<u>Outcome</u>
	Workforce Development (3.h.i and 3.h.iii) Fall 2011	Review new internal and external research on workforce needs and update categories of employment for purposes of aligning university programs to changing needs.	Faculty and state agency research has been reviewed. The University of Nebraska continues to monitor relevant faculty and agency research to identify emerging workforce opportunities and trends in the state.
	Student Learning Assessment (6.g) Fall 2011	<ol style="list-style-type: none"> 1. Review performance on standardized examinations and surveys, including the National Survey of Student Engagement and professional licensure examinations. 2. Report on participation in pilot programs to measure student learning outcomes, such as the Collegiate Learning Assessment. 	<ol style="list-style-type: none"> 3. UNK, UNL and UNO currently participate in the National Survey of Student Engagement (NSSE). Performance on professional licensure examinations is above average for all campuses. 4. Campuses are taking a variety of approaches to participation in pilot programs designed to measure learning outcomes, including exploring processes for assessing general studies requirements and participation in the administration of the College Assessment of Academic Proficiency (CAAP).
	Business Process Efficiencies (6.c.ii)		
	Short Term Cash Investments September 2011	Exceed average of similar fund types.	The performance of the State's Operating Investment Pool (4.9%) slightly underperformed when compared to the benchmark value of 5.3%.
	Endowments December 2011	Exceed average of similar fund types.	Fund N endowments returned 25.2% for the year ending June 30, 2011. exceeding similar fund average of 23.5%.
	Debt January 2012	Maintain Aa2 rating and exceed 1.15 coverage.	Bond rating increased to Aa1 and exceeded 1.15 coverage.
	Human Resources June 2012	Meet midpoint of peers in faculty and staff salaries.	Faculty salaries at UNL and UNMC are below the midpoint of peers for 2011*.

Notes:

*UNO and UNK salaries are governed by collective bargaining.

LEGEND:



Target Met or Exceeded



Progress Toward Target



Target Not Met

TO: The Board of Regents
Academic Affairs

MEETING DATE: January 25, 2013

SUBJECT: Board of Regents agenda items related to the University of Nebraska Strategic Framework

RECOMMENDED ACTION: For Information Only

PREVIOUS ACTION: The current version of the framework appears as an information item at each Board of Regents meeting.

April 2005 – The Board of Regents began development of the University of Nebraska “Strategic Framework – Accountability Measures” document.

EXPLANATION: Attached is an explanation of the agenda items that are aligned with the strategic goals of the Board of Regents’ Strategic Framework.

SPONSOR: James B. Milliken, President
University of Nebraska

DATE: December 19, 2012

Alignment of the University's Strategic Goals with Board of Regents Agenda Items
January 25, 2013

- 1. The University of Nebraska will provide the opportunity for Nebraskans to enjoy a better life through access to high quality, affordable undergraduate, graduate and professional education.**
 - Business Affairs committee presentation and discussion on the Affordability Compact
 - Strategic Framework annual report on graduation rates
 - Approval to create the Post-Baccalaureate Professional Certificates in the UNMC College of Medicine and School of Allied Health Professions in six specialty areas
 - Approve residence hall room and board rates at UNL, UNO, UNK and NCTA

- 2. The University of Nebraska will build and sustain undergraduate, graduate and professional programs of high quality with an emphasis on excellent teaching.**
 - Approval to establish the Center for Brain, Biology and Behavior at UNL
 - Approval to create a joint MS/PhD in Biomedical Informatics at UNO and UNMC
 - Approve amendments to the collective bargaining agreements with UNO and UNK faculty
 - Approve the program statement and budget for the construction of a new College of Pharmacy and Center for Drug Discovery building at UNMC
 - Report of expedited approval of the UNO graduate certificate in Applied Behavioral Analysis
 - Tenure Density report
 - Quarterly personnel report

- 3. The University of Nebraska will play a critical role in building a talented, competitive workforce and knowledge-based economy in Nebraska in partnership with the state, private sector and other educational institutions.**
 - Approval to create a joint MS/PhD in Biomedical Informatics at UNO and UNMC
 - Approval to establish the Center for Brain, Biology and Behavior at UNL
 - Approve the program statement and budget for the construction of a new College of Pharmacy and Center for Drug Discovery building at UNMC

- 4. The University of Nebraska will pursue excellence and regional, national and international competitiveness in research and scholarly activity, as well as their application, focusing on areas of strategic importance and opportunity.**
 - Approval to establish the Center for Brain, Biology and Behavior at UNL
 - Approve the program statement and budget for the Nebraska Veterinary Diagnostic Center at UNL
 - Approve the program statement and budget for the construction of a new College of Pharmacy and Center for Drug Discovery building at UNMC

- 5. The University of Nebraska will serve the entire state through strategic and effective engagement and coordination with citizens, businesses, agriculture, other educational institutions, and rural and urban communities and regions.**
 - Approval to create a joint MS/PhD in Biomedical Informatics at UNO and UNMC
 - Approve the program statement and budget for the Nebraska Veterinary Diagnostic Center at UNL
 - Approve a contract for the lease/purchase of real estate from the University of Nebraska Foundation

6. The University of Nebraska will be cost effective and accountable to the citizens of the state.

- Strategic Framework annual report on debt
- Strategic Framework annual report on endowment
- Approval to discontinue or consolidate certain programs and eliminate certain degrees at UNK, UNL and UNO
- Accept the audited financial statements of the University and related entities
- Approve various facility and/or capital construction related requests including:
 - Intermediate design reports for the UNL Whittier Research Center Phase 2 renovation and the UNL East Campus Recreation Center renovation and addition
- Accept various regular reports including:
 - Bids and contracts
 - Gifts, grants and bequests
 - Six-year capital plan and capital construction
- Report of various namings on the campuses

D. REPORTS

1. Renaming the Bachelor of Arts in Education K-12 Teaching Field Endorsement to the Bachelor of Music in Music Education K-12 in the Department of Music and Performing Arts at the University of Nebraska at Kearney Addendum X-D-1
2. Expedited Approval of the University of Nebraska at Omaha Graduate Certificate in Applied Behavioral Analysis (ABA) in the Department of Psychology Addendum X-D-2
3. Renaming the Department of Finance, Banking and Law to the Department of Finance, Banking and Real Estate in the College of Business Administration at the University of Nebraska at Omaha Addendum X-D-3
4. Intermediate Design Reports – UNL Whittier Research Center Phase 2 Renovation and UNL East Campus Recreation Center Renovation & Addition Addendum X-D-4
5. Quarterly Status Report of Six-Year Capital Plan and Capital Construction Report Addendum X-D-5
6. Quarterly Report of Gifts, Grants and Bequests Addendum X-D-6
7. Bids and Contracts Addendum X-D-7
8. Five-year Affiliation Agreement and Lease of Space between the University of Nebraska-Lincoln and the University of Nebraska Federal Credit Union Addendum X-D-8
9. Five-year Cash Rent Farm Lease agreement between the University of Nebraska-Lincoln and Monte & Twila Madsen Life Estate Addendum X-D-9
10. Grazing Rental Agreement between the University of Nebraska-Lincoln and Willis Roethemeyer Addendum X-D-10
11. Two 2-year storage unit lease agreements between the University of Nebraska-Lincoln and Infinity S Development Addendum X-D-11
12. Two-year Building and Ground lease agreement between the University of Nebraska-Lincoln and the Airport Authority of the City of Lincoln Addendum X-D-12
13. Naming of Room 318 in the Nebraska East Union at the University of Nebraska-Lincoln the “Bluestem Room” Addendum X-D-13
14. Naming of Surgical Simulation Center room the “Wayne and Eileen Ryan Surgical Simulation Center” at the University of Nebraska Medical Center Addendum X-D-14
15. Cancer Center Program Statement update: Demolition of the C.A. and Caroline Swanson Hall Addendum X-D-15

16. Tenure Density report Addendum X-D-16
17. Strategic Framework report on Debt [6-c-ii] Addendum X-D-17
18. Strategic Framework report on Endowment [6-a-ii] Addendum X-D-18
19. Quarterly Personnel report Addendum X-D-19

TO: The Board of Regents
Academic Affairs

MEETING DATE: January 25, 2013

SUBJECT: Renaming the Bachelor of Arts in Education K-12 Teaching Field
Endorsement to the Bachelor of Music in Music Education K-12 in the
Department of Music and Performing Arts at the University of Nebraska
at Kearney (UNK)

RECOMMENDED ACTION: Report

PREVIOUS ACTION: March 1, 2003 – The Board approved the request to change three degree
designations to Bachelor of Music in the Department of Music and
Performing Arts at UNK: 1) Bachelor of Fine Arts – Music Performance
to Bachelor of Music – Performance; 2) Bachelor of Fine Arts – Musical
Theatre to Bachelor of Music – Musical Theatre; and 3) Bachelor of
Science – Music Business Comprehensive Option to Bachelor of Music –
Emphasis in Music Business

EXPLANATION: The purpose of this proposed name change is to conform to the degree
title appropriate for undergraduate music education and will signify it has
been reviewed as a professional program and complies with national
accreditation standards.

The proposal has been approved by the UNK Administration and UNK
Academic Affairs Committee, and it has been reviewed by the Council of
Academic Officers.

SPONSOR: Charles J. Bicak
Senior Vice Chancellor for Academic and Student Affairs

APPROVED: Douglas A. Kristensen, Chancellor
University of Nebraska at Kearney

James B. Milliken, President
University of Nebraska

DATE: December 19, 2012

TO: The Board of Regents
Academic Affairs

MEETING DATE: January 25, 2013

SUBJECT: Expedited Approval of the University of Nebraska at Omaha (UNO) Graduate Certificate in Applied Behavioral Analysis (ABA) in the Department of Psychology

RECOMMENDED ACTION: Report

PREVIOUS ACTION: July 15, 2000 – The Board of Regents delegated to the President authority to give expedited approval to certain graduate certificates that were based on existing graduate courses. Such an arrangement allows the University to respond in a timely fashion to the needs and demands of our students and Nebraska businesses.

EXPLANATION: The proposed ABA certificate program addresses the needs of children with behavioral problems, autism and other behavioral and developmental disabilities by providing graduate-level training prerequisite to sitting for the examinations for Board Certification in Behavioral Analysis. The certificate program will allow those with appropriate relevant undergraduate or graduate degrees to pursue an additional credential that will increase their marketability in educational and service agencies.

The proposed certificate has been reviewed by the Council of Academic Officers.

PROJECT COST: None

SPONSOR: Susan M. Fritz
Interim Executive Vice President and Provost
Interim Dean of the Graduate College

APPROVED: James B. Milliken, President
University of Nebraska

DATE: December 19, 2012

TO: The Board of Regents
Academic Affairs

MEETING DATE: January 25, 2013

SUBJECT: Renaming the Department of Finance, Banking and Law to the Department of Finance, Banking and Real Estate in the College of Business Administration at the University of Nebraska at Omaha (UNO)

RECOMMENDED ACTION: Report

PREVIOUS ACTION: May 10, 1991 – The Board approved the name change of the Department of Finance, Banking, and Insurance to the Department of Finance and Banking

EXPLANATION: The Real Estate program at the University of Nebraska Omaha was transferred from the Economics department to the Finance, Banking and Law department. With this transfer the Finance, Banking and Law department voted to change their name to the Department of Finance, Banking and Real Estate to better reflect the growth of the department and its students.

This proposal has been reviewed by the Council of Academic Officers.

SPONSORS: Louis Pol
Dean, College of Business Administration

B.J. Reed
Senior Vice Chancellor for Academic and Student Affairs

APPROVED: John Christensen, Chancellor
University of Nebraska at Omaha

James B. Milliken, President
University of Nebraska

DATE: December 19, 2012

TO: The Board of Regents Addendum X-D-4
 Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: Business Affairs Committee Approval of Intermediate Design Reports

RECOMMENDED ACTION: Report

EXPLANATION: Following are the Intermediate Design Reports as approved by the Business Affairs Committee:

UNL – Whittier Research Center Phase 2 Renovation

Program Statement Approved:		April 13, 2012
Intermediate Design Report:		November 14, 2012
	<u>Program Statement</u>	<u>Intermediate Design</u>
Total Project Cost:	\$4,300,000	\$4,300,000
Construction Cost	\$3,208,000	\$3,260,000
Non Construction Cost:	\$1,092,000	\$1,040,000
NSF:	19,850	23,906
GSF:	20,900	26,301
Substantial Completion	Sept. 2013	January 2014

UNL – East Campus Recreation Center Renovation & Addition

Program Statement Approved:		June 17, 2011
Intermediate Design Report:		January 14, 2013
	<u>Program Statement</u>	<u>Intermediate Design</u>
Total Project Cost:	\$14,886,000	\$14,850,693
Construction Cost	\$12,072,000	\$12,484,093
Non Construction Cost:	\$2,814,000	\$2,366,600
NSF:	36,480	39,335
GSF:	48,000	59,597
Substantial Completion	May 2014	November 2014

SPONSOR: Rebecca H. Koller
 Assistant Vice President for Business & Finance
 Director of Facilities Planning & Management

APPROVED: David E. Lechner
 Senior Vice President and CFO

DATE: December 19, 2012

TO: The Board of Regents Addendum X-D-5
Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: Quarterly Status Report of Six-Year Capital Plan and Capital
Construction Report

RECOMMENDED ACTION: Report

EXPLANATION: An update of the Six-Year Capital Plan will be provided on a quarterly
basis. Attached is an update as of September 30, 2012. In addition, a
report of current capital construction projects is included for review.

SPONSOR: Rebecca H. Koller
Assistant Vice President for Business & Finance
Director of Facilities Planning & Management

APPROVED: David E. Lechner
Senior Vice President and CFO

DATE: December 19, 2012

2012 Six-Year Capital Plan - Unprioritized (Alphabetized by Campus)

3rd Quarter - September 30, 2012

Campus	Project Title	Estimate	State Funding	Other Funding	State O&M
UN	Fire & Life Safety/Code Compliance	TBD (1)	TBD	\$ -	\$ -
State Funded Projects					
UNL	Vet Diagnostic Building	\$ 55,000,000	\$ 55,000,000	\$ -	TBD
UNK	Otto Olsen II	\$ 31,320,000	\$ 31,320,000	\$ -	TBD
UNK	Health Sciences Education Complex	\$ 19,000,000	\$ 19,000,000	\$ -	TBD
UNMC	College of Nursing - Lincoln Division	\$ 17,500,000 (3)	\$ 17,500,000	\$ -	\$ 440,000
UNCA	USPFO Building Renovation	\$ 5,100,000 (3)	\$ 5,100,000	\$ -	\$ 157,500
UNO	Strauss Performing Arts Addition/Renovation	\$ 14,600,000	\$ 14,600,000	\$ -	TBD
		\$ 142,520,000	\$ 142,520,000	\$ -	\$ 597,500
Non-State Funded Projects					
UNL	College of Business Administration Building	\$ 84,000,000 (3)	\$ -	\$ 84,000,000	TBD
UNL	17th St. Dining Hall/mixed use center	\$ 35,000,000	\$ -	\$ -	\$ -
UNL	Chemistry Labs (Hamilton Hall Renovations)	\$ 15,000,000	\$ -	\$ 15,000,000	TBD
UNL	East Campus Family Housing Replacement	\$ 20,000,000	\$ -	\$ 20,000,000	\$ -
UNL	Life Science Teaching Labs	\$ 20,000,000	\$ -	\$ 20,000,000	TBD
UNL	Neihardt Renovations	\$ 14,750,000	\$ -	\$ 14,750,000	\$ -
UNL	Utilities Infrastructure Improvements (City and East Campuses)	\$ 64,450,000	\$ -	\$ 64,450,000	TBD
UNL	Whittier Auditorium Renovation	\$ 2,000,000	\$ -	\$ 2,000,000	TBD
UNMC	College of Dentistry Addition	\$ 15,200,000	\$ -	\$ 15,200,000	TBD
UNMC	College of Pharmacy New Building / Laboratories	\$ 35,000,000 (2)	\$ -	\$ 35,000,000	\$1,140,000
UNO	PKI Addition	\$ 32,300,000	\$ -	\$ 32,300,000	TBD
UNO	University Life Complex	\$ 35,000,000	\$ -	\$ 35,000,000	TBD
		\$ 372,700,000	\$ -	\$ 337,700,000	\$1,140,000
Mixed Funded Projects					
UNL	Brace Hall Renovation	\$ 8,000,000 (2)	\$ 2,750,000	\$ 5,250,000	TBD
UNMC	Comprehensive Cancer Research Center (Tower only)	\$ 110,000,000	\$ 50,000,000	\$ 60,000,000	TBD
UNK	Fine Arts Renovation/Addition	\$ 17,620,500	\$ 17,237,000	\$ 383,500	TBD
		\$ 135,620,500	\$ 69,987,000	\$ 65,633,500	\$ -
Total		\$ 650,840,500	\$ 212,507,000	\$ 403,333,500	\$ 1,737,500

Notes:

- (1) Number may change dramatically to represent 40% of 309 Task Force funding over the next 6 years
- (2) Moved from On-Deck List
- (3) Program Statement approved by the BOR
- (4) New Project

2012 On-Deck Projects

Campus	Project Title	Estimate	State Funding	Other Funding	State O&M
State Funded Projects					
UNK	Calvin T. Ryan Library Renovation/Addition	\$ 14,580,000	\$ 14,580,000	\$ -	\$ 442,000
UNK	Cushing Coliseum Renovation & Additions	\$ 2,495,000	\$ 2,495,000	\$ -	\$ 25,000
UNK	Frank House	\$ 3,405,000	\$ 3,405,000	\$ -	\$ 69,000
UNK	General Services Building Renovation (Ed Center)	\$ 6,480,000	\$ 6,480,000	\$ -	\$ 120,000
UNK	Memorial Student Affairs Building	\$ 6,265,000	\$ 6,265,000	\$ -	\$ 1,543,000
UNK	Thomas Hall Renovation	\$ 3,402,000	\$ 3,402,000	\$ -	\$ 69,000
UNK	West Center East Wing	\$ 6,805,000	\$ 6,805,000	\$ -	\$ 100,000
UNL	Campus-wide Classroom Improvements	\$ 5,000,000	\$ 5,000,000	\$ -	TBD
UNL	Greater Nebraska Projects	\$ 45,000,000	\$ 45,000,000	\$ -	TBD
UNL	Manter Hall Renovations	TBD	TBD	\$ -	TBD
UNL	Undergraduate Academic Classroom Facility	\$ 40,500,000	\$ 40,500,000	\$ -	TBD
UNL	Vet Basic Sciences Building Structural Repairs	TBD	TBD	\$ -	TBD
UNL	Westbrook Music Building Renovation and Expansion	\$ 25,000,000	\$ 25,000,000	\$ -	TBD
		\$ 158,932,000	\$ 158,932,000	\$ -	\$ 2,368,000
Non-State Funded Projects					
UNL	Cather & Pound Hall & Cather & Pound Dining demolition	TBD	\$ -	TBD	TBD
UNL	Durham School of Construction	TBD	\$ -	TBD	TBD
UNL	Interdisciplinary Science Research Facility (Textron Property)	TBD	\$ -	TBD	TBD
UNL	Morrill Hall Renovation	TBD	\$ -	TBD	TBD
UNL	Physical Science Research Facility	TBD	TBD	TBD	TBD
UNL	Selleck Renovations	\$ 15,900,000	\$ -	\$ 15,900,000	TBD
UNL	Sheldon Haymarket	TBD	\$ -	TBD	TBD
UNL	Student Health	TBD	\$ -	TBD	TBD
UNMC	Biomedical Technology Center	\$ 24,840,000	\$ -	\$ 24,840,000	\$ 1,294,000
UNMC	Medical Office Building	\$ 47,000,000	\$ -	\$ 47,000,000	\$ -
UNMC	Research Center of Excellence III	\$ 119,000,000	\$ -	\$ 119,000,000	TBD
UNMC	Student Life Center Addition	\$ 4,000,000	\$ -	\$ 4,000,000	TBD
UNO	Campus Development at Center	TBD	\$ -	TBD	TBD
UNO	Community Outreach/Childcare Facility	TBD	\$ -	TBD	TBD
UNO	Fieldhouse Expansion/Renovation II	TBD	\$ -	TBD	TBD
UNO	Parking Structure(s) (Dodge)	TBD	\$ -	TBD	TBD
UNO	Proscenium Theater	TBD	\$ -	TBD	TBD
		\$ 210,740,000	\$ -	\$ 210,740,000	\$ 1,294,000

2012 On-Deck Projects

Campus	Project Title	Estimate	State Funding	Other Funding	State O&M
TBD or Mixed Funded Projects					
UN	Technology Development Center (NCITE)	\$ 17,000,000	TBD	TBD	TBD
UNL	Museums- Nebraska Hall Specimen Collection Relocation	TBD	TBD	TBD	TBD
UNL	Student Health Center Renovation or Replacement	TBD	TBD	TBD	TBD
UNL	Textron Redevelopment	TBD	TBD	TBD	TBD
UNMC	College of Nursing Modernization	\$ 8,820,000	TBD	TBD	TBD
UNMC	College of Pharmacy Modernization	\$ 9,720,000	TBD	TBD	TBD
UNMC	Saddle Creek Road Relocation	TBD	TBD	TBD	TBD
UNMC	Truhlsen Eye Institute - Ambulatory Surgery Addition	\$ 10,000,000	TBD	TBD	TBD
UNMC	Wittson Hall Modernization	\$ 9,470,000	TBD	TBD	TBD
UNMC	Parking Structure	\$ 12,000,000	\$ -	\$ 12,000,000	\$ -
UNO	Academic Building	TBD	TBD	TBD	TBD
UNO	Durham Science Center Renovation	TBD	TBD	TBD	TBD
UNO	General Services Building	TBD	TBD	TBD	TBD
UNO	Kayser Hall Renovation	TBD	TBD	TBD	TBD
UNO	Weber Fine Arts Building Addition	TBD	TBD	TBD	TBD
UNO	Addition to College of Public Affairs and Community Services (CPACS)	TBD	TBD	TBD	TBD
		\$ 67,010,000	\$ -	\$ 12,000,000	\$ -
Total On Deck Projects		\$ 436,682,000	\$ 158,932,000	\$ 222,740,000	\$ 3,662,000

NCTA - 2012 Six-Year Capital Plan - Unprioritized

State Funded Projects					
		\$ -	\$ -	\$ -	\$ -
Total NCTA		\$ -	\$ -	\$ -	\$ -

NCTA - 2012 On Deck List

State Funded Projects					
NCTA	Master Plan - Campus Renovation	\$ 3,025,000	\$ 3,025,000	\$ -	TBD
NCTA	Student Union	\$ 8,640,000	\$ 8,640,000	\$ -	TBD
Total NCTA On-Deck Projects		\$ 11,665,000	\$ 11,665,000		

Project	State Funded	Total Project Cost	Method of Contract	Architect	Approve Program	Approve A/E	Substantial Completion	Current Phase	
State Funded Projects									
Note: State funding included in Mixed, 309 and LB 605 projects									
Non-State Funded Projects									
UNMC Upgrade HVAC and Energy Management Systems in 5 Buildings	\$ -	\$5,993,643	Low Bid	TBD	TBD	Dec-11	TBD	TBD	Planning
UNK Randall Hall and Entry to Mantor Hall	\$ -	\$1,300,000	Low Bid	TBD	TBD	Sep-12	TBD	Jul-13	Planning
UNL Whittier Research Center Renovation - Phase II	\$ -	\$4,300,000	Low Bid	TBD	TBD	Apr-12	TBD	Sep-13	Planning
UNL 18th & R Parking Garage	\$ -	\$18,000,000	Design Build	TBD	TBD	Jun-12	NA	May-14	Planning
UNL Devaney Sports Center Exterior Panel System Replacement	\$ -	\$7,000,000	Low Bid	The Clark Enersen Partners	TBD	Sep-12	4 year	Sep-18	Planning
UNL East Stadium Athletic Performance Lab Fit-out	\$ -	\$5,000,000	Low Bid	DLR Group	Sampson Construction Co., Inc.	Mar-12	4 year	Jun-13	Design
UNL Campus Recreation Outdoor Adventures Center	\$ -	\$4,695,000	Low Bid	RDG Planning & Design	TBD	Jun-11	4 year	Sep-13	Design
UNL East Campus Recreation Center	\$ -	\$14,886,000	Low Bid	Sinclair Hille Architects	TBD	Jun-11	Oct-11	Feb-14	Design
UNK Wellness Center	\$ -	\$6,500,000	Low Bid	LEO A DALY Co.	TBD	Jun-12	4 year	May-14	Design
UNMC Stanley M. Truhlsen Eye Institute	\$ -	\$20,000,000	Low Bid	Alley Poyner Macchietto Architecture	Hawkins Construction Company	Oct-09	Mar-10	Dec-12	Construction
UNL Hamilton Hall Undergraduate Lab Renovation	\$ -	\$2,100,000	Low Bid	HDR Architecture, Inc.	Boyd Jones Construction	Apr-12	Apr-12	Dec-12	Construction
UNL Life Sciences Annex Phase II (North Wing) Renovation	\$ -	\$7,700,000	Low Bid	The Clark Enersen Partners	Hausmann Construction	Mar-11	4 year	May-13	Construction
UNL Life Sciences Annex East Wing	\$ -	\$2,800,000	Low Bid	The Clark Enersen Partners	Hausmann Construction	Sep-11	4 year	May-13	Construction
UNL Ken Morrison Life Sciences Research Ctr. Addn.	\$ -	\$9,200,000	Low Bid	Farris Engineering	Lund-Ross Constructors	Sep-09	Jun-10	Jun-13	Construction
UNL East Stadium Improvements - Memorial Stadium	\$ -	\$63,500,000	CM/GMP	The Clark Enersen Partners	Sampson Construction Co., Inc.	Oct-10	Dec-10	Jun-13	Construction
UNL East Stadium Addition Research Fit-out	\$ -	\$5,000,000	Low Bid	The Clark Enersen Partners	Sampson Construction Co., Inc.	Jan-11	4 year	Jul-13	Construction
UNO Peter Kiewit Institute Remodel	\$ -	\$7,500,000	CM/GMP	Alley Poyner Macchietto Architecture	Kiewit Building Group	Jan-11	Dec-11	Jul-13	Construction
UNO Biomechanics Research Facility	\$ -	\$6,253,000	CM/GMP	The Schemmer Associates, Inc.	Meyers Carlisle Leapley Const.	Jan-12	4 year	Aug-13	Construction
UNO Community Engagement Center	\$ -	\$23,593,161	CM/GMP	Holland Basham Architects	Hawkins Construction Company	Oct-10	Mar-11	Feb-14	Construction
UNL 18th/19th & R Street Residence Hall (Cather/Pound Replacement Project)	\$ -	\$71,382,000	Design Build	Sampson Construction Company	D/B	Jun-11	D/B	Jun-14	Construction
UNK Centennial Towers Projects	\$ -	\$12,000,000	Low Bid	Wilkins Hinrichs Stober	Lund-Ross Constructors	Jun-11	4 year	Jul-14	Construction
UNL Devaney Sports Center Improvements	\$ -	\$21,000,000	Low Bid	Sinclair Hille Architects	Hausmann Construction, Inc.	Jan-11	Mar-11	Aug-14	Construction
UNK Men's + Randall Renovations	\$ -	\$4,960,000	Low Bid	Wilkins Hinrichs Stober	Hall Irwin Corp.	Sep-08	4 year	Jul-11	Warranty
UNO Roskens Hall Renovation	\$ -	\$13,663,000	CM/GMP	Holland Basham	The Weitz Company	Jun-09	Oct-09	Aug-11	Warranty
UNL Hendricks Training Complex (Devaney Sports Center Addition)	\$ -	\$18,700,000	Low Bid	The Clark Enersen Partners	Hausmann Construction	Sep-09	Sep-09	Oct-11	Warranty
UNL Life Sciences Annex Phase I - (West Wing)	\$ -	\$5,000,000	Low Bid	The Clark Enersen Partners	Hampton Commercial Construction	Jan-08	4 year	Feb-12	Warranty
UNL Voelte-Keegan Nanoscience Research Center	\$ -	\$14,847,000	Low Bid	Perkins & Will	Sampson Construction Co., Inc.	Sep-07	Mar-08	Jun-12	Warranty
UNL Lied Center Addition	\$ -	\$2,500,000	Low Bid	Bahr Vermeer & Haecker	MECO-HENNE Contractors, Inc.	Gift from Foundation		Jun-12	Warranty
UNL Ed Weir Track Rehabilitation	\$ -	\$2,333,250	TBD	Olsson Associates	Nemaha Landscape Construction	May-12	NA	Jul-12	Warranty
UNL Behlen Collaboratory Renovation	\$ -	\$2,209,000	Low Bid	Davis Design	Elkhorn West Construction, Inc.	Apr-10	4 year	Sep-12	Warranty
	\$ -	\$383,915,054							
Mixed Funded Projects									
UNL/NICDC Life Science Research Collaboration Center	\$ 15,000,000	\$ 30,000,000	Low Bid	TBD	TBD	Sep-11	TBD	Sep-13	Planning
UNL/NICDC 4-H Building Renovation	\$ 10,000,000	\$ 20,000,000	Low Bid	TBD	TBD	Sep-11	TBD	Sep-13	Planning
NCTA Nebraska Agriculture Industry Ed. Center & Walter Long Vet. Teaching Clin (previously Education Center & Veterinary Teaching Clinic)	\$ 8,762,000	\$10,345,000	Low Bid	The Clark Enersen Partners	Sampson Construction Co., Inc.	Mar-08	Sep-09	Nov-11	Warranty
	\$ 33,762,000	\$ 60,345,000							
LB 309 & Campus Match Projects									
UNL Elliot Building Rehabilitation at Panhandle Research & Extension Center	\$ 1,750,000	\$3,750,000	Low Bid	Alvine and Associates, Inc.	TBD	Jun-12	4-year	Sep-14	Design
UNMC Emergency Engines-Generators & Assoc. Switchgear in CUP	\$ 1,650,000	\$3,000,000	Low Bid	Specialized Engineering Solutions	All Purpose Utilities, Inc.	Jun-09	4 Year	Jul-11	Warranty
UNL Entomology Hall - Phase 2 - Renovation of Basement, First & Second Floor	\$ 209,000	\$2,059,000	Low Bid	Encompass Architects, P.C.	Dickey & Burham, Inc.	Jun-10	4-year	Sep-12	Warranty
	\$ 3,609,000	\$ 8,809,000							
LB 309 / UBRAF / Campus Match Projects									
UNMC Chiller Installation - Replace Chillers #1 and #5	\$ 2,026,200	\$4,427,351	Low Bid	NA	Trane Co. / Waldinger / Evapco	Sep-11	TBD	Jul-12	Warranty
	\$ 2,026,200	\$4,427,351							
LB 605 Projects									
UNL Brace Renovation / Behlen Renovation	\$ 878,976	\$1,658,446	Low Bid	TBD	TBD	Jun-06	TBD	Dec-16	Planning
UNL Animal Science Complex Roof Replacement	\$ 2,750,000	\$2,815,000	Low Bid	Architectural Design Assoc.	Cheever Construction Company	Dec-11	NA	Nov-12	Construction
UNMC Epley Cancer Institute Renovation	\$ 6,307,000	\$11,900,000	Low Bid	The Clark Enersen Partners	Boyd Jones Construction Co.	Mar-11	4-year - ARRA	Feb-13	Construction
UNMC Wittson Hall Renovation - Phase II - Level 3 and 4 HVAC Upgrades	\$ 3,235,120	\$6,104,000	Low Bid	Davis Design	Prairie Construction Company	Jan-11	4-year	Mar-13	Construction
UNO Utility Infrastructure	\$ 4,770,000	\$9,000,000	Low Bid	Farris Engineering	Weitz / Hawkins / Midwest Mech.	Nov-06	4 year	Jul-11	Warranty
UNL Animal Science Renovation	\$ 11,310,200	\$21,340,000	Low Bid	Farris Engineering	Omaha Construction Services	Apr-07	Apr-07	Aug-11	Warranty
UNMC Poynter Hall Renovation	\$ 4,823,000	\$9,100,000	Low Bid	RDG	Lund Ross Constructors Inc.	9/8/2006/12/2/2010	Mar-07	Jul-12	Warranty
	\$ 34,074,296	\$61,917,446							
Total Capital Construction Projects	\$ 73,471,496	\$519,413,851							

A/E Approval Notes:

NA - below BOR approval threshold

D/B - Design Build process

4 year - Four Year A/E Selection Process

TO: The Board of Regents Addendum X-D-6
 Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: University of Nebraska at Kearney
 Report of Gifts, Grants, Contracts and Bequests accepted during the
 Quarter July 1, 2012 through September 30, 2012.

RECOMMENDED ACTION: Report

Description	Gifts A	Grants B	Bequests C	Contracts D	Totals
7/1/12-9/30/2012	\$652,386	\$4,342,640	\$0	\$22,217	\$5,017,243
10/1/12-12/31/2012	0	0	0	0	0
1/1/12-3/31/2012	0	0	0	0	0
4/1/12-6/30/12	0	0	0	0	0
Fiscal YTD Totals	<u>\$ 652,386</u>	<u>\$ 4,342,640</u>	<u>\$0</u>	<u>\$ 22,217</u>	<u>\$ 5,017,243</u>
2011-12 Totals	<u>\$2,215,186</u>	<u>\$10,646,927</u>	<u>\$300,000</u>	<u>\$214,073</u>	<u>\$13,376,186</u>
2010-11 Totals	<u>\$ 902,192</u>	<u>\$ 9,605,994</u>	<u>\$0</u>	<u>\$216,246</u>	<u>\$10,724,432</u>

- A - Gifts of \$100,000 and more are itemized on the attached pages
- B - Grants of \$1,000,000 and more are itemized on the attached pages
- C - All bequests are itemized on the attached pages
- D - Contracts of \$400,000 and more are itemized on the attached pages

SPONSOR: Barbara Johnson
 Vice Chancellor for Business and Finance

APPROVED: Doug Kristensen, Chancellor
 University of Nebraska at Kearney

DATE: December 19, 2012

**UNIVERSITY OF NEBRASKA AT KEARNEY
 REPORT OF AWARDS
 WHICH REQUIRE SEPARATE ITEMIZATION
 ACCEPTED DURING THE QUARTER JULY 1, 2012 – SEPTEMBER 30, 2012**

Gifts/Bequests \$100,000 and over

<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
NU Foundation	Foundation Scholarships	\$102,296
Susan T. Buffett Foundation	Instruction – Thompson Scholars	545,090
	Subtotal	\$647,386
	Total amount of gifts under \$100,000	<u>5,000</u>
	Total Gifts for the Quarter	<u>\$652,386</u>

Grants \$1,000,000 and over

<u>Grantor</u>	<u>Grantee Department</u>	<u>Purpose</u>	
US Dept of Ed	Financial Aid	Student Aid	\$3,800,083
	Subtotal		\$3,800,083
	Total amount of all Grants under \$1,000,000		<u>542,557</u>
	Total Grants for the Quarter		<u>\$4,342,640</u>

Contracts \$400,000 and over

<u>Grantor</u>	<u>Grantee Department</u>	<u>Purpose</u>	
None			
	Subtotal		\$0
	Total amount of all Contracts under \$400,000		<u>22,217</u>
	Total Contracts for the Quarter		<u>\$22,217</u>

TO: The Board of Regents

Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: University of Nebraska-Lincoln
Report of Gifts, Grants, Contracts and Bequests accepted during the
Quarter July 1, 2012 through September 30, 2012

RECOMMENDED ACTION: Report

	A	B	C	D	
Description	Gifts	Grants	Bequests	Contracts	Totals
7/1/12-9/30/2012	\$115,800	\$45,887,082	\$0	\$6,874,150	\$52,877,032
10/1/12-12/31/2012	0	0	0	0	0
1/1/13-3/31/2013	0	0	0	0	0
4/1/13-6/30/2013	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Fiscal YTD Totals	<u>\$115,800</u>	<u>\$45,887,082</u>	<u>\$0</u>	<u>\$6,874,150</u>	<u>\$52,877,032</u>
2011-12 Totals	<u>\$2,942,704</u>	<u>\$180,946,477</u>	<u>\$298,050</u>	<u>\$31,503,480</u>	<u>\$215,690,711</u>
2010-11 Totals	<u>\$2,390,728</u>	<u>\$188,544,161</u>	<u>\$50,000</u>	<u>\$33,856,349</u>	<u>\$224,841,238</u>

A - Gifts of \$100,000 or more are itemized on the attached pages

B - Grants of \$1,000,000 and more are itemized on the attached pages

C - All bequests are itemized on the attached pages

D - Contracts of \$400,000 and more are itemized on the attached pages

SPONSOR: Prem S. Paul

Vice Chancellor for Research & Economic Development

APPROVED:

Harvey Perlman, Chancellor
University of Nebraska-Lincoln

DATE: December 19, 2012

**UNIVERSITY OF NEBRASKA-LINCOLN
REPORT OF AWARDS
WHICH REQUIRE SEPARATE ITEMIZATION**

ACCEPTED DURING THE QUARTER JULY 1, 2012 – SEPTEMBER 30, 2012

Gifts/Bequests \$100,000 and over

<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
None		
	Subtotal	\$0
	Total amount of gifts under \$100,000	115,800
	Total Gifts for the Quarter	<u>115,800</u>

Grants \$1,000,000 and over

<u>Grantor</u>	<u>Grantee Department</u>	<u>Purpose</u>	<u>Amount</u>
NU Foundation	Janice Brown Chancellor's Office (Department)	K. Doc Sadler Contract Payment	\$3,187,852
Ne Dept Roads	Laurence Rilett Department of Civil Engineering	Transportation Infrastructure - Visualizations & ITS Laboratory	3,171,651
DHHS-Admin for Child & Families	Mark Ells Center on Children, Families and the Law	Midwest Child Welfare Technical Assistance Implementation Center	1,849,996
Dept of Agriculture- NIFA	Dan Cotton eXtension	eXtension Building Cooperative Extension's 21st Century Network	1,488,000
NSF	Evgeny Tsymbal Department of Physics and Astronomy	Materials Research Science and Engineering Center: Quantum and Spin Phenomena in Nanomagnetic Structures	1,350,000
Dept of Agriculture- NIFA	Bradley Lubben Department of Agricultural Economics	North Central Risk Management Education Center	1,168,912
DHHS-Nat Inst Gen Medical Sci	Charles Wood School of Biological Sciences	Nebraska Center for Virology - COBRE Phase III	1,104,470
Dept of Agriculture- NIFA	James Steadman Department of Plant Pathology	Genetic Approaches to Reducing Fungal and Oomycete Soilborne Problems of Common Bean in Eastern and Southern Africa	1,100,000
		Subtotal	\$14,420,881
		Total amount of all Grants under \$1,000,000	31,466,201
		Total Grants for the Quarter	<u>45,887,082</u>

Contracts \$400,000 and over

<u>Grantor</u>	<u>Grantee Department</u>	<u>Purpose</u>	<u>Amount</u>
Dept of Commerce- NOAA	Martha Shulski School of Natural Resources	Regional Climate Services Support in the High Plains Region	\$866,148
		Subtotal	\$866,148
		Total amount of all Contracts under \$400,000	6,008,002
		Total Contracts for the Quarter	<u>6,874,150</u>

TO: The Board of Regents

Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: University of Nebraska Medical Center
Report of Gifts, Grants, Contracts and Bequests Accepted During the
Quarter July 1, 2012 through September 30, 2012

RECOMMENDED ACTION: Report

Description	A Gifts	B Grants	C Bequests	D Contracts	TOTAL
07/01/2012 - 09/30/2012	\$200,279	\$32,661,291	\$0	\$4,480,679	\$37,342,249
10/01/2012 - 12/31/2012	0	0	0	0	0
01/01/2013 - 03/31/2013	0	0	0	0	0
04/01/2013 - 06/30/2013	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Fiscal YTD Totals	<u>\$200,279</u>	<u>\$32,661,291</u>	<u>\$0</u>	<u>\$4,480,679</u>	<u>\$37,342,249</u>
2011-2012 Totals	<u>\$1,747,473</u>	<u>\$80,874,302</u>	<u>\$150,936</u>	<u>\$25,465,506</u>	<u>\$108,238,217</u>
2010-2011 Totals	<u>\$1,737,021</u>	<u>\$79,165,222</u>	<u>\$0</u>	<u>\$17,379,061</u>	<u>\$98,281,304</u>

A - Gifts of \$100,000 or more are itemized. See attachment(s) for itemized listings.

B - Grants of \$1,000,000 or more are itemized. See attachment(s) for itemized listings.

C - Bequests are itemized. See attachment(s) for itemized listings.

D - Contracts of \$400,000 or more are itemized. See attachment(s) for itemized listings.

SPONSOR: Jennifer L. Larsen, M.D.
Vice Chancellor of Research

APPROVED: Harold M. Maurer, M.D., Chancellor
University of Nebraska Medical Center

DATE: December 19, 2012

**UNIVERSITY OF NEBRASKA MEDICAL CENTER
REPORT OF AWARDS
WHICH REQUIRE SEPARATE ITEMIZATION
ACCEPTED DURING THE QUARTER JULY 1, 2012 - SEPTEMBER 30, 2012**

Gifts/Bequests \$100,000 and over

<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
None		

Grants \$1,000,000 and over

<u>Grantee</u>	<u>Grantee Department</u>	<u>Purpose</u>	<u>Amount</u>
DHHS/NIH/NIAID	Kenneth Bayles Pathology/Microbiology	Staphylococcal Biofilm and Disease	\$1,946,275
DHHS/NIH/NIGMS	Keith Johnson, PhD COD-Oral Biology	Nebraska Center for Cellular Signaling	1,958,992
NE DHHS - LB595	Kenneth Cowan, MD PhD Eppley Inst Faculty	LB595 Tobacco Tax Cancer Research	1,300,000
DHHS/NIH/NCI	Kenneth Cowan, MD PhD Eppley Inst Faculty	UNMC Eppley Cancer Center Support Grant	1,427,680
DHHS/NIH/NCI	James Anderson, PhD COPH Biostatistics	Children's Oncology Group Statistics and Data Center	1,536,327
DHHS/NIH/NIGMS	James Turpen, PhD Genetics Cell Biology & Anatomy	Nebraska Research Network in Functional Genomics	3,377,301
DHHS/NIH/NHLBI	Irving Zucker, PhD Cellular/Integrative Physiology	Neuro-Circulatory Function in Chronic Heart Failure	1,831,407
DHHS/CDC/NIOSH	Risto Rautiainen, PhD COPH Environ, Agri & Occ	Central States Center for Agricultural Safety and	1,250,518
	Subtotal		\$14,628,500
		Total amount of Grants under \$1,000,000	<u>18,032,791</u>
		Total Grants for the Quarter	<u>\$32,661,291</u>

Contracts \$400,000 and over

<u>Grantee</u>	<u>Grantee Department</u>	<u>Purpose</u>	<u>Amount</u>
NE DHHS	William Rizzo, MD Pediatrics Metabolism	Special Nutritional Formulas	\$486,301
U.S. Army	Keith Johnson, PhD COD-Oral Biology	Connexins and Cadherin Crosstalk in the Pathogenesis of Prostate	556,875
U.S. Army	Parmender Mehta, PhD Biochem and Molecular Biology	Connexins and Cadherin Cross- Talk in the Pathogenesis of Prostate Cancer	554,838
	Subtotal		\$1,598,014
		Total amount of Contracts under \$400,000	<u>\$2,882,662</u>
		Total Contracts for the Quarter	<u>\$4,480,676</u>

TO: The Board of Regents

Business Affairs

MEETING DATE: January 25, 2012

SUBJECT: University of Nebraska at Omaha
Report of Gifts, Grants, Contracts and Bequests accepted during the
Quarter July 1, 2012 through September 30, 2012.

RECOMMENDED ACTION: Report

Description	Gifts A	Grants B	Bequests C	Contracts D	Totals
7/1/12-9/30/2012	\$976,138	\$11,278,854	\$5,353	\$0	\$12,260,345
10/1/12-12/31/2012	0	0	0	0	0
1/1/13-3/31/2013	0	0	0	0	0
4/1/13-6/30/2013	0	0	0	0	0
Fiscal YTD Totals	<u>\$976,138</u>	<u>\$11,278,854</u>	<u>\$5,353</u>	<u>\$0</u>	<u>\$12,260,345</u>
2011-2012 Totals	<u>\$5,769,829</u>	<u>\$27,566,179</u>	<u>\$0</u>	<u>\$155,467</u>	<u>\$33,491,475</u>
2010-2011 Totals	<u>\$4,817,760</u>	<u>\$26,278,990</u>	<u>\$65,147</u>	<u>\$1,545,565</u>	<u>\$32,707,462</u>

A - Gifts of \$100,000 and more are itemized on the attached pages
B - Grants of \$1,000,000 and more are itemized on the attached pages
C - All bequests are itemized on the attached pages
D - Contracts of \$400,000 and more are itemized on the attached pages

SPONSOR: William E. Conley
Vice Chancellor for Business and Finance

APPROVED: John E. Christensen, Chancellor
University of Nebraska at Omaha

DATE: December 19, 2012

**UNIVERSITY OF NEBRASKA AT OMAHA
 REPORT OF AWARDS
 WHICH REQUIRE SEPARATE ITEMIZATION
 ACCEPTED DURING THE QUARTER JULY 1, 2012 – SEPTEMBER 30, 2012**

Gifts/Bequests \$100,000 and over

<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
		\$0
		0
	Subtotal	\$0
	Total amount of gifts under \$100,000	<u>976,138</u>
	Total Gifts for the Quarter	<u>\$976,138</u>

Grants \$1,000,000 and over

<u>Grantor</u>	<u>Grantee Department</u>	<u>Purpose</u>	<u>Amount</u>
US Dept of Educ.	Student Aid	Pell Grant FY 2012-2013	\$6,241,440
	Subtotal		\$6,241,440
	Total amount of all Grants under \$1,000,000		<u>5,037,414</u>
	Total Grants for the Quarter		<u>\$11,278,854</u>

Bequests

<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
Broggini Revocable Trust	Unrestricted	\$5,353
	Subtotal	\$5,353
	Total Bequests for the Quarter	<u>\$5,353</u>

Contracts \$400,000 and over

<u>Grantor</u>	<u>Grantee Department</u>	<u>Purpose</u>	<u>Amount</u>
	Subtotal		\$0
	Total amount of all Contracts under \$400,000		<u>0</u>
	Total Contracts for the Quarter		<u>\$0</u>

TO: The Board of Regents Addendum X-D-7

Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: Report of Bids and Contracts

RECOMMENDED ACTION: Report

PREVIOUS ACTION: None

EXPLANATION: The attached report is a summary of bids and contracts as provided by the campuses pursuant to Section 6.4 of the *Bylaws of the Board of Regents of the University of Nebraska* for the period ended December 19, 2012.

The report outlines the following: type of action; campus; description and use of the product, service, or project; funding source; approved budget amount; contract amount; contractor or vendor; and a bid review or bid explanation if the low responsible bid was not accepted.

SPONSOR: David E. Lechner
Senior Vice President and CFO

DATE: December 19, 2012

Type of Action	Campus	Description	Funding Source	Approved Budget Amount*	Contract Amount	Contractor / Vendor	Bid Review or Explanation
Lease Agreement	UNCA	20 year dark fiber network utility agreement between UNCA/Lincoln and UNK/Kearney	EPSCOR grant and internal budget	\$1,232,800	\$314,000	NebraskaLink	Low responsible bid
Construction	UNL	Purchase of Truss Arch System for Devaney Sports Center Improvements	Trust	21,000,000	294,000	Hausmann Construction	Low responsible bid
Construction	UNL	Purchase of switchgear for CCUP 15KV System Improvements	Cash	1,986,734	715,000	Harold K. Scholz Company	Low responsible bid
Personal Property	UNL	Transportation Services – purchase of replacement vehicles	Auxiliary and Service Funds	356,180	356,180	Anderson Ford	Low responsible bid

*Approved budget amount for construction contracts represents the entirety of the project budget, whereas the contract amount is the amount pertaining to the particular activity within the construction contract.

TO: The Board of Regents Addendum X-D-8
Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: Five-year Affiliation Agreement and Lease of Space between the University of Nebraska-Lincoln and the University of Nebraska Federal Credit Union.

RECOMMENDED ACTION: Report

PREVIOUS ACTION: None

EXPLANATION: The purpose of this agreement is to help facilitate the Credit Union's business continuity plan by providing a secure environment and backup power to Credit Union's critical systems. The Credit Union houses servers, storage, and network communication equipment in secure racks in the Scott Engineering Center. The Credit Union will pay for the electricity used to power and provide backup power for this equipment.

The agreement term is December 1, 2012 – November 30, 2017.

Members of the public and news media may obtain a copy of the lease in the Office of the University Corporation Secretary, 3835 Holdrege Street, Lincoln, Nebraska 68583, between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday, except University holidays.

PROJECT COST: N/A

SOURCE OF FUNDS: N/A

SPONSORS: Mark S. Askren
Chief Information Officer

Christine A. Jackson
Vice Chancellor for Business and Finance

APPROVED: Harvey Perlman, Chancellor
University of Nebraska-Lincoln

DATE: December 19, 2012

TO: The Board of Regents Addendum X-D-9
Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: Five-year Cash Rent Farm Lease agreement between the University of Nebraska-Lincoln and Monte & Twila Madsen Life Estate

RECOMMENDED ACTION: Report

PREVIOUS ACTION: None

EXPLANATION: The 6.8 acres leased will be used to conduct research on invasive plants as the Madsen property contains several species not available at the West Central Research and Extension Center (WCREC) at North Platte, NE.

The Madsen site is favorable as it is close to the WCREC and can be used for extension and education programs, such as the North American Invasive Plant Ecology and Management Short Course held annually, the new Invasive Plant Science Program for high school and elementary school students held each year in cooperation with Lexington and North Platte Public Schools, and a PhD project on invasion resistance by restored prairie grassland communities.

The lease term is January 1, 2012 – December 31, 2016

Members of the public and news media may obtain a copy of the lease in the Office of the University Corporation Secretary, 3835 Holdrege Street, Lincoln, Nebraska 68583, between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday, except University holidays.

PROJECT COST: \$5,100

SOURCE OF FUNDS: General Funds

SPONSORS: Ronnie D. Green
Vice Chancellor for Institute of Agriculture & Natural Resources

Christine A. Jackson
Vice Chancellor for Business and Finance

APPROVED: Harvey Perlman, Chancellor
University of Nebraska-Lincoln

DATE: December 19, 2012

TO: The Board of Regents Addendum X-D-10
Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: Grazing Rental Agreement between the University of Nebraska-Lincoln and Willis Roethemeyer

RECOMMENDED ACTION: Report

PREVIOUS ACTION: None

EXPLANATION: Drought and fires depleted the winter forage resources utilized by the West Central Research and Extension Center (WCREC) resulting in the need to rent winter grazing within close proximity of the WCREC.

The 152 rented acres covered by this agreement, not grazed for several years, provides grazing within close proximity of WCREC pastures. The close proximity eliminated the need for trucking the cattle and by grazing the Roethemeyer acres prevents the possibility of disease transmission as there would be fence line contact with other animals had the 152 acres been rented to someone other than WCREC.

The rental term is November 1, 2012 through March 1, 2014.

Members of the public and news media may obtain a copy of the lease in the Office of the University Corporation Secretary, 3835 Holdrege Street, Lincoln, Nebraska 68583, between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday, except University holidays.

PROJECT COST: \$4,600

SOURCE OF FUNDS: Revolving Funds

SPONSORS: Ronnie D. Green
Vice Chancellor for Institute of Agriculture & Natural Resources

Christine A. Jackson
Vice Chancellor for Business and Finance

APPROVED: Harvey Perlman, Chancellor
University of Nebraska-Lincoln

DATE: December 19, 2012

TO: The Board of Regents Addendum X-D-11

Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: Two 2-year storage unit lease agreements between the University of Nebraska-Lincoln and Infinity S Development, Lincoln Nebraska.

RECOMMENDED ACTION: Report

PREVIOUS ACTION: None

EXPLANATION: With the production of plays, films, and other projects the Johnny Carson School of Theatre and Film has a need for off-campus storage units to provide adequate space for the School's inventory of properties, furniture and scenic/lighting materials, period and modern costumes and affiliated materials because adequate space is not available on the Lincoln campus.

Thus, the School has entered into two 2-year lease agreements with Infinity S Development at the following locations:

1721 South First Street – two units
Term - November 1, 2012 through October 31, 2014

1681 South Second Street – one unit
Term - January 1, 2013 through December 31, 2014

Members of the public and news media may obtain a copy of the lease in the Office of the University Corporation Secretary, 3835 Holdrege Street, Lincoln, Nebraska 68583, between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday, except University holidays.

PROJECT COST:	1721 South First Street	\$ 3,600
	1681 South Second Street	<u>12,600</u>
	Total	<u>\$16,200</u>

SOURCE OF FUNDS: Trust Funds

SPONSORS: Ellen Weissinger
Senior Vice Chancellor for Academic Affairs

Christine A. Jackson
Vice Chancellor for Business and Finance

APPROVED: Harvey Perlman, Chancellor
University of Nebraska-Lincoln

DATE: December 19, 2012

TO: The Board of Regents Addendum X-D-12
Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: Two-year Building and Ground lease agreement between the University of Nebraska-Lincoln and the Airport Authority of the City of Lincoln

RECOMMENDED ACTION: Report

PREVIOUS ACTION: March 11, 2011 – A two-year Building and Ground Lease with the Airport Authority of the City of Lincoln was reported to the Board of Regents for period December 1, 2010 – November 30, 2012
March 5, 2005 – A four year Building and Ground Lease with the Airport Authority of the City of Lincoln was reported to the Board of Regents

EXPLANATION: The Nebraska Technical Transfer Center, a unit of the Cooperative Extension Division of the Institute of Agriculture & Natural Resources moved to Building No. 1472, owned by the Airport Authority of the City of Lincoln, in 2005 because adequate space was not available on the Lincoln campus. This two year agreement extends that arrangement.
Members of the public and news media may obtain a copy of the lease in the Office of the University Corporation Secretary, 3835 Holdrege Street, Lincoln, Nebraska 68583, between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday, except University holidays.

PROJECT COST: \$42,744

SOURCE OF FUNDS: Federal and NDOR Matching Research Funds

SPONSORS: Ronnie D. Green
Vice Chancellor for Institute of Agriculture & Natural Resources
Christine A. Jackson
Vice Chancellor for Business and Finance

APPROVED: Harvey Perlman, Chancellor
University of Nebraska-Lincoln

DATE: December 19, 2012

TO: The Board of Regents Addendum X-D-13

Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: Naming of Room 318 in the Nebraska East Union at the University of Nebraska-Lincoln the "Bluestem Room"

RECOMMENDED ACTION: Report

PREVIOUS ACTION: None

EXPLANATION: President Milliken and Chancellor Perlman have approved naming Room 318 in the Nebraska East Union the "Bluestem Room."

By naming Room 318 the "Bluestem Room" it keeps all of the meeting rooms on the third floor within the same nomenclature: Sunflower, Goldenrod, and Columbine.

PROJECT COST: None

SOURCE OF FUNDS: None

SPONSORS: Juan N. Franco
Vice Chancellor for Student Affairs

Harvey Perlman, Chancellor
University of Nebraska-Lincoln

APPROVED: James B. Milliken, President
University of Nebraska

DATE: December 19, 2012

TO: The Board of Regents Addendum X-D-14

Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: Naming a new Surgical Simulation Center the “Wayne and Eileen Ryan Surgical Simulation Center” in the Michael F. Sorrell Center for Health Science Education at the University of Nebraska Medical Center in Omaha.

RECOMMENDED ACTION: Report

PREVIOUS ACTION: March 3, 2006 – The Board of Regents approved naming the Center for Health Science Education at the University of Nebraska Medical Center the Michael F. Sorrell Center for Health Science Education.

December 13, 2003 – The Board approved the program statement and budget for the UNMC Center for Health Science Education Building.

EXPLANATION: President Milliken and Chancellor Maurer have approved naming a new Surgical Simulation Center, now under construction in the Michael F. Sorrell Center for Health Science Education, the “Wayne and Eileen Ryan Surgical Simulation Center” in recognition of the critical role that Dr. Ryan has played in making this new center a reality.

Through a generous gift from Dr. Wayne Ryan, the College of Medicine is creating a new Surgical Simulation Center within the existing Clinical Skills Simulation Lab located on the first floor of the Michael F. Sorrell Center for Health Science Education. The new Surgical Simulation Center will greatly expand the College’s ability to provide state-of-the-art experiences for our students and residents in the care of surgical patients.

By naming the Surgical Simulation Center in the Michael F. Sorrell Center for Health Science Education, the Board of Regents expresses on behalf of the University of Nebraska Medical Center its deepest gratitude and appreciation to Dr. Wayne Ryan for his continued support of the University of Nebraska.

SPONSORS: Donald S. Leuenberger
Vice Chancellor for Business & Finance

Harold M. Maurer, M.D., Chancellor
University of Nebraska Medical Center

APPROVED: James B. Milliken, President
University of Nebraska

DATE: December 19, 2012

TO: The Board of Regents Addendum X-D-15
Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: Cancer Center Program Statement update: Demolition of the C.A. and Caroline Swanson Hall

RECOMMENDED ACTION: Report.

PREVIOUS ACTION: November 29, 2012- The Board of Regents approved the Program Statement and Budget for the construction of a Cancer Research Center on the campus of the University of Nebraska Medical Center in Omaha.

EXPLANATION: The C.A. and Caroline Swanson Hall building (Swanson Hall) was originally built as Childrens Memorial Hospital on University of Nebraska College of Medicine land under a lease dated January 15, 1944. That lease was terminated and the building was renamed in 1981.

The Comprehensive Cancer Center combined research and clinical care building will be constructed on the location of Swanson Hall, which currently houses aging research labs, clinical faculty office space and the staff of the Gretchen Swanson Center for Nutrition. Swanson Hall must be demolished to start construction for the project.

The program statement approved by the Board on November 29, 2012 clearly discussed the siting of the project and specifically provided for the demolition of Swanson. In addition, the cost of demolition was included in the Cancer Research Center budget approved by the Board in the foregoing action.

Proposed start of demolition - August 2013
Proposed completion of construction - April 2016

PROJECT COST: \$376,000

SOURCE OF FUNDS: Private Donations

ON-GOING FISCAL IMPACT: None

SPONSOR: Donald S. Leuenberger
Vice Chancellor for Business and Finance

APPROVED: Harold M. Maurer, M.D., Chancellor
University of Nebraska Medical Center

DATE: December 19, 2012

TO: The Board of Regents
Academic Affairs

MEETING DATE: January 25, 2013

SUBJECT: Tenure Density Report

RECOMMENDED ACTION: Report

PREVIOUS ACTION: January 27, 2012 – The Board of Regents accepted the Fall 2011 University of Nebraska Tenure Density Report.

EXPLANATION: The report includes headcounts and net changes across years for Faculty and Administrators with tenure status or in tenure-track positions on all campuses. The purpose of the report is to show the number and percentage of individuals that are tenured at each campus. The University of Nebraska's voluntary retirement plan implemented in 2010-11 resulted in a larger than usual number of faculty retirements on some campuses. The number of retirements of tenured faculty in 2010-11 is a factor in the overall figures for tenure density.

PROJECT COST: None

SOURCE OF FUNDS: None

SPONSOR: Susan M. Fritz
Interim Executive Vice President and Provost

RECOMMENDED: James B. Milliken
President

DATE: January 4, 2013

UNIVERSITY OF NEBRASKA
TENURE DENSITY
Fall 2012 Compared to Selected Previous Years

	2002	2007	2011	2012	Net Change		
					Numbers and Percentage Points		
					1-yr	5-yr	10-yr
University Wide							
Tenured	1,644	1,682	1,634	1,684	50	2	40
Tenure-Track	447	416	415	434	19	18	(13)
Health Professions	330	384	488	490	2	106	160
Total	2,421	2,482	2,537	2,608	71	126	187
% Tenured	67.9%	67.8%	64.4%	64.6%	0.2%	-3.2%	-3.3%
UNL							
Tenured	905	917	864	889	25	(28)	(16)
Tenure-Track	232	234	259	266	7	32	34
Total	1,137	1,151	1,123	1,155	32	4	18
% Tenured	79.6%	79.7%	76.9%	77.0%	0.0%	-2.7%	-2.6%
UNL (city only)							
Tenured	659	684	645	669	24	(15)	10
Tenure-Track	174	188	195	189	(6)	1	15
Total	833	872	840	858	18	(14)	25
% Tenured	79.1%	78.4%	76.8%	78.0%	1.2%	-0.5%	-1.1%
IANR							
Tenured	246	233	219	220	1	(13)	(26)
Tenure-Track	58	46	64	77	13	31	19
Total	304	279	283	297	14	18	(7)
% Tenured	80.9%	83.5%	77.4%	74.1%	-3.3%	-9.4%	-6.8%
UNMC							
Tenured	254	254	268	271	3	17	17
Tenure-Track	-	-					
Health Professions	330	384	488	490	2	106	160
Total	584	638	756	761	5	123	177
% Tenured	43.5%	39.8%	35.4%	35.6%	0.2%	-4.2%	-7.9%
UNO							
Tenured	301	327	327	347	20	20	46
Tenure-Track	136	114	91	94	3	(20)	(42)
Total	437	441	418	441	23	0	4
% Tenured	68.9%	74.1%	78.2%	78.7%	0.5%	4.5%	9.8%
UNK							
Tenured	184	184	175	177	2	(7)	(7)
Tenure-Track	79	68	65	74	9	6	(5)
Total	263	252	240	251	11	(1)	(12)
% Tenured	70.0%	73.0%	72.9%	70.5%	-2.4%	-2.5%	0.6%

TO: The Board of Regents Addendum X-D-17

Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: Strategic Framework Report

RECOMMENDED ACTION: Report

EXPLANATION: Debt management and the related funding of capital projects at the University of Nebraska are an important element in managing the business affairs of the University of Nebraska. The availability of capital to provide funding for projects at attractive rates is elemental in providing competitive facilities.

The Strategic Framework in Item 6.c.iii targets a report to be given to the Board of Regents each year on debt management.

The Strategic Framework benchmark for debt management is that an Aa2 rating will be maintained and the coverage on bonded indebtedness will exceed 1.15 times coverage.

For the year ended June 30, 2012, the bond rating for the University was Aa1 (a ranking higher than the Aa2 rating) and bond coverage was 1.56 times, both of which exceed the framework benchmarks.

The Strategic Framework goal for 2013 will be to maintain a debt rating of Aa1 and to exceed 1.15 times debt coverage.

SPONSOR: David E. Lechner
Senior Vice President and CFO

APPROVED: James B. Milliken
President

DATE: January 9, 2013

TO: The Board of Regents Addendum X-D-18

Business Affairs

MEETING DATE: January 25, 2013

SUBJECT: Strategic Framework Report

RECOMMENDED ACTION: Report

EXPLANATION: Endowment funds gifted to the University (not to the Foundation) are managed under an agency agreement between the Board of Regents and the University of Nebraska Foundation. These funds are accounted for and invested separately from the Foundation's main endowment fund which is called Fund A. The funds managed under the agency agreement are collectively named Fund N, the major portion of which is comprised of the Othmer-Topp Fund.

The Strategic Framework in Item 6.a.ii targets a report to be given to the Board of Regents each year on the performance of Fund N.

The Strategic Framework benchmark for the Fund N endowments is that the returns exceed the average of similar fund types.

For the year ended June 30, 2012, Fund N lost 2.2%. This compares to a gain for similarly allocated funds (a Custom Benchmark created by Cambridge) of 1.8% for the year ended June 30, 2012. Accordingly, the fund did not meet its goal.

The Strategic Framework goal for 2013 and beyond remains unchanged with the goal of exceeding the benchmark for similar funds.

SPONSOR: David E. Lechner
Senior Vice President and CFO

APPROVED: James B. Milliken
President

DATE: January 9, 2013

TO: The Board of Regents Addendum X-D-19

Academic Affairs

MEETING DATE: January 25, 2013

SUBJECT: Personnel Reports

RECOMMENDED ACTION: Report

PREVIOUS ACTION: On December 10, 1994, the Board of Regents amended Section 3.2 of the *Bylaws of the Board of Regents* to delegate to the President, or administrative officers designated by the President, authority to make appointments in the Academic-Administrative staff to faculty positions and to administrative positions below the rank of Dean and equivalent ranks. Executive Memorandum No. 13 subsequently delegated authority to the Chancellors to make Academic-Administrative appointments below the level of Dean. Such appointments at the rank of assistant professor or above are required by the *Bylaws of the Board of Regents* to be reported to the Board after each quarter and maintained on file as a public record in the Office of the Corporation Secretary.

EXPLANATION: A series of reports of campus personnel actions approved by each Chancellor during the 3rd quarter of 2012 is attached.

PROJECT COST: None

SOURCE OF FUNDS: None

APPROVED: Susan M. Fritz
Interim Executive Vice President and Provost

DATE: January 3, 2013

PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA AT KEARNEY

NEW APPOINTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Alber, Brian	Music and Performing Arts	Assistant Professor	Special	8/13/2012		44,000 AY	1.00
Baer, Stephanie	Art and Art History	Assistant Professor	Specific Term	8/13/2012		48,000 AY	1.00
Bourret, Travis	Biology	Assistant Professor	Specific Term	8/13/2012		45,000 AY	1.00
Chasek, Christine	Counseling and School Psychology	Assistant Professor	Specific Term	8/13/2012		51,000 AY	1.00
Chau, Ngan	Marketing and Management Information Systems	Assistant Professor	Specific Term	8/13/2012		85,000 AY	1.00
Deathridge, Kristen	History	Assistant Professor	Special	8/13/2012		42,500 AY	1.00
Dority, Bree	Economics	Assistant Professor	Specific Term	8/13/2012		60,000 AY	1.00
Glass, Amanda	Chemistry	Assistant Professor	Specific Term	8/13/2012		45,000 AY	1.00
Gough, Peter	History	Assistant Professor	Special	8/13/2012		42,500 AY	1.00
Hill, Toni	Family Studies and Interior Design	Assistant Professor	Specific Term	8/13/2012		50,000 AY	1.00
Kastello, Lisa	Art and Art History	Assistant Professor	Specific Term	8/13/2012		48,000 AY	1.00

PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA AT KEARNEY

NEW APPOINTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Lam, Eddery	Economics	Assistant Professor	Special	8/13/2012		60,000 AY	1.00
Lilienthal, Linda	Teacher Education	Assistant Professor	Specific Term	8/13/2012		54,000 AY	1.00
Ohmstede Beckman, Tammi	Counseling and School Psychology	Assistant Professor	Specific Term	8/13/2012		54,500 AY	1.00
Panaitof, Stefania	Biology	Assistant Professor	Specific Term	8/13/2012		45,000 AY	1.00
Pattabiraman, Mahesh	Chemistry	Assistant Professor	Specific Term	8/13/2012		50,000 AY	1.00
Powell, William	Physics and Physical Science	Assistant Professor	Specific Term	8/13/2012		50,500 AY	1.00
Ray, Brian	English	Assistant Professor	Specific Term	8/13/2012		48,000 AY	1.00
Rowling, Charles	Political Science	Assistant Professor	Specific Term	8/13/2012		50,000 AY	1.00
Schwartz, Christopher	Chemistry	Assistant Professor	Special	8/13/2012		43,345 AY	1.00
Tillman, Douglas	Counseling and School Psychology	Assistant Professor	Specific Term	8/13/2012		51,000 AY	1.00
Van Renen, Denys	English	Assistant Professor	Specific Term	8/13/2012		48,000 AY	1.00
Wessels, Laura	Physics and Physical Science	Assistant Professor	Specific Term	8/13/2012		49,000 AY	1.00
Young, James	Criminal Justice and Social Work	Assistant Professor	Specific Term	8/13/2012		59,000 AY	1.00

PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA-LINCOLN

NEW APPOINTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Ahn, Changbum	Construction Engineering	Assistant Professor	Specific Term	8/13/2012		83,000 AY	1.00
Albaghal, Mohammad	Gallup Research Center	Research Assistant Professor	Special	8/13/2012	5/10/2013	52,780 AY	1.00
Albano, Anthony	Educational Psychology	Assistant Professor	Specific Term	8/13/2012		61,500 AY	1.00
DeLong, John	Biological Sciences	Assistant Professor	Specific Term	8/13/2012		72,500 AY	1.00
Durden, Tonia	Child, Youth and Family Studies	Assistant Professor	Specific Term	8/1/2012		75,000 FY	1.00
Enkin, Elizabeth	Modern Languages & Literatures	Assistant Professor	Specific Term	8/13/2012		51,000 AY	1.00
Fuller, Adam	Mathematics	Research Assistant Professor	Special	8/13/2012	5/15/2015	48,000 FY	1.00
Gatti, Lauren	Teaching, Learning & Teacher Education	Assistant Professor	Specific Term	8/13/2012		65,000 AY	1.00
Haas, Ingrid	Political Science	Assistant Professor	Specific Term	8/13/2012		62,000 AY	1.00
Hebert, Michael	Special Ed & Communication Disorders	Assistant Professor	Specific Term	8/13/2012		70,000 AY	1.00
Jagodinsky, Katrina	History	Assistant Professor	Specific Term	8/13/2012		57,000 AY	1.00
Jha, Dipra	Nutrition & Health Sciences	Assistant Professor of Practice	Special	7/16/2012	6/30/2015	70,000 FY	1.00

PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA-LINCOLN

NEW APPOINTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Jin, Yu	Mathematics	Assistant Professor	Specific Term	8/13/2012		68,000 AY	1.00
Jockers, Matthew	English	Assistant Professor	Specific Term	8/13/2012		64,000 AY	1.00
Keller, Mitchel	Mathematics	Research Assistant Professor	Special	8/13/2012	5/15/2015	48,000 AY	1.00
Kim, Nam Kyu	Political Science	Assistant Professor	Specific Term	8/13/2012		60,000 AY	1.00
Lee, Youngjoo	Textiles, Merchandizing & Fashion Design	Assistant Professor of Practice	Special	8/13/2012	5/15/2015	55,000 AY	1.00
Lehmanowsky-Bakewell, Mary Beth	Educational Administration	Professor of Practice	Special	8/13/2012	5/13/2016	65,000 AY	1.00
Letkiewicz, Jodi	Child, Youth and Family Studies	Assistant Professor	Specific Term	8/13/2012		67,000 AY	1.00
Mackiel, John	Educational Administration	Professor of Practice	Special	8/13/2012	5/13/2016	65,000 AY	1.00
Magilton, Elsbeth	College of Law	Executive Director	Special	9/18/2012		25,000 FY	0.50
Males, Lorraine	Teaching, Learning & Teacher Education	Assistant Professor	Specific Term	8/13/2012		67,000 AY	1.00
McCrary, Bernadette	Mechanical and Materials Engineering	Research Assistant Professor	Special	8/15/2012	8/14/2013	40,000 FY	0.49
Meier, Nathan	Office of Research	Director of Research Strategy	Special	8/31/2012		120,000 FY	1.00

PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA-LINCOLN

NEW APPOINTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>		<u>FTE</u>
Miller, Laurie	Economics	Assistant Professor of Practice	Special	8/13/2012	5/15/2015	78,000	AY	1.00
Moll, Melissa	Libraries	Assistant Professor	Specific Term	8/13/2012		52,000	FY	1.00
Moseman, Maureen	Office of Research	Director of Federal Relations	Special	7/31/2012		72,000	FY	0.60
Murray, Scott	Finance	Assistant Professor	Specific Term	8/13/2012		185,000	AY	1.00
Napolitano, Scott	Educational Psychology	Assistant Professor of Practice	Special	8/13/2012	5/15/2015	64,200	AY	1.00
Ndao, Sidy	Mechanical and Materials Engineering	Assistant Professor	Specific Term	8/13/2012		85,000	AY	1.00
Peterson, Nora	Modern Languages & Literatures	Assistant Professor	Specific Term	8/13/2012		54,000	AY	1.00
Pieper, Jenna	Management	Assistant Professor	Specific Term	8/13/2012		130,000	AY	1.00
Qu, Liyan	Electrical Engineering	Assistant Professor	Specific Term	8/13/2012		85,000	AY	1.00
Rehbein, Malte	History	Assistant Professor	Specific Term	8/13/2012		57,000	AY	1.00
Riekhof, Wayne	Biological Sciences	Assistant Professor	Specific Term	8/13/2012		72,500	AY	1.00
Riley-Schultz, Jean	Accountancy	Assistant Professor of Practice	Special	8/13/2012	5/15/2015	80,000	AY	1.00

PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA-LINCOLN

NEW APPOINTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Rowen, Shannon	Nutrition & Health Sciences	Assistant Professor of Practice	Special	8/1/2012	6/30/2015	65,000 FY	1.00
Rumann, Corey	Educational Administration	Assistant Professor of Practice	Special	8/13/2012	5/15/2015	57,000 AY	1.00
Ruppanner, Leah	Gallup Research Center	Research Assistant Professor	Special	8/13/2012	5/10/2013	52,780 AY	1.00
Schaffert, Timothy	English	Assistant Professor	Specific Term	8/13/2012		60,000 AY	1.00
Seceleanu, Alexandra	Mathematics	Research Assistant Professor	Special	8/13/2012	5/15/2015	48,000 AY	1.00
Shizuka, Daizaburo	Biological Sciences	Research Assistant Professor	Special	8/13/2012	5/15/2015	37,000 FY	1.00
Shoemaker, Jessica	Law	Assistant Professor	Specific Term	8/13/2012		111,000 FY	1.00
Su, Qiaozhu	Nutrition & Health Sciences	Assistant Professor	Specific Term	8/13/2012		70,000 AY	1.00
Templin, Jonathan	Psychology	Associate Professor	Specific Term	8/13/2012		71,500 AY	1.00
Terry, Benjamin	Mechanical & Materials Engineering	Assistant Professor	Specific Term	8/13/2012		85,000 AY	1.00
Thimmesch, Adam	Law	Assistant Professor	Specific Term	8/13/2012		106,000 AY	1.00
Titus, Varkey	Management	Assistant Professor	Specific Term	8/13/2012		130,000 AY	1.00
Tuggle, Chris	Management	Assistant Professor	Specific Term	8/13/2012		136,500 AY	1.00

PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA-LINCOLN

NEW APPOINTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Volkmer, James	Admissions	Assistant Dean for Business & Finance	Special	9/4/2012		108,000 FY	1.00
Wang, Ming	Journalism & Mass Communication	Assistant Professor	Specific Term	8/13/2012		68,000 AY	1.00
Warner, David	Sociology	Assistant Professor	Specific Term	8/13/2012		62,000 AY	1.00
Warner, Tara	Sociology	Assistant Professor	Specific Term	8/13/2012		59,000 AY	1.00
Welton, Steven	Marketing	Assistant Professor of Practice	Special	8/13/2012	5/15/2015	80,000 AY	1.00
Williams, Glenn	Finance	Assistant Professor of Practice	Special	8/13/2012	5/15/2015	110,000 AY	1.00
Wilson, Judith	Teaching, Learning & Teacher Education	Assistant Professor of Practice	Special	8/1/2012	7/31/2015	72,000 FY	1.00
Woods, Carly	Communication Studies	Assistant Professor	Specific Term	8/13/2012		61,000 AY	1.00
Yu, Jifeng	Management	Assistant Professor	Specific Term	8/13/2012		130,000 AY	1.00
Yu, Yuebin	Architectural Engineering	Assistant Professor	Specific Term	8/13/2012		83,000 AY	1.00
Yu, Hongfeng	Computer Science & Engineering	Assistant Professor	Specific Term	8/13/2012		88,000 AY	1.00
Zhang, Wenliang	Mathematics	Assistant Professor	Specific Term	8/13/2012		69,500 AY	1.00
Zhao, Xin	Marketing	Assistant Professor	Specific Term	8/13/2012		135,000 AY	1.00

PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA-LINCOLN IANR

NEW APPOINTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Bird, William	Ag Leadership Education & Communication	Assistant Professor	Specific Term	7/1/2012		70,000 FY	1.00
Blanco Canqui, Humberto	Agronomy & Horticulture	Assistant Professor	Specific Term	7/1/2012		79,000 AY	1.00
Brown, Mary	School of Natural Resources	Research Assistant Professor	Special	8/1/2012		56,652 FY	1.00
Cramer, Joel	Nutrition & Health Sciences	Assistant Professor	Specific Term	9/1/2012		80,000 AY	1.00
Heeren, Derek	Biological Systems Engineering	Assistant Professor	Specific Term	8/13/2012		80,000 FY	1.00
Jhala, Amitkumar	Agronomy & Horticulture	Assistant Professor	Specific Term	8/1/2012		80,000 FY	1.00
Loy, John	Vet Diagnostic Center	Assistant Professor	Specific Term	9/1/2012		95,000 FY	1.00
MacDonald, James	Animal Science	Associate Professor	Specific Term	8/1/2012		95,000 FY	1.00
Melander, Jennifer	Biological Systems Engineering	Extension Assistant Professor	Special	8/1/2012		80,000 FY	1.00
Pickering, Kimberly	4-H & Youth Development	Associate Extension Educator	Special	9/4/2012		68,500 FY	1.00
Ramer-Tait, Amanda	Food Science & Technology	Assistant Professor	Specific Term	8/1/2012		80,000 AY	1.00

PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA-LINCOLN IANR

NEW APPOINTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Shoemaker, Jessica	Office of Vice President/Vice Chancellor	Associate Director	Special	8/13/2012		53,000 AY	0.50
		Associate Director (Stipend)	Special	8/13/2012		5,000 AY	0.00
	College of Law	Assistant Professor	Specific Term	8/13/2012		53,000 AY	0.50
Schmidt, Amy	Biological Systems Engineering	Assistant Professor	Specific Term	8/1/2012		82,000 FY	1.00
Schmidt, Ty	Animal Science	Assistant Professor	Specific Term	8/1/2012		82,000 FY	1.00
Stuhr, Tammy	Southeast Research & Extension Center	Assistant Extension Educator	Special	8/20/2012		44,500 FY	1.00
Su, Qiaozhu	Nutrition & Health Sciences	Assistant Professor	Specific Term	8/13/2012		70,000 AY	1.00
Welch, Tabitha	Northeast Research & Extension Center	Assistant Extension Educator	Special	7/1/2012		42,600 FY	1.00
Yang, Haishun	Agronomy & Horticulture	Associate Professor	Specific Term	7/1/2012		115,000 FY	1.00

PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA MEDICAL CENTER

NEW APPOINTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>		<u>FTE</u>
Cameron, Jennifer A.	Pediatrics	Assistant Professor	Health Prof	8/13/2012	6/30/2014	40,000	FY	1.00
Chamberlain, Robert	COPH - Epidemiology	Research Professor	Special	9/1/2012		39,940	FY	0.20
Durden, Frederick L.	Surgery	Assistant Professor	Health Prof	8/1/2012	6/30/2014	70,000	FY	1.00
Hentzen, Kathryn S.	COP - Pharmacy Practice	Assistant Professor	Health Prof	8/1/2012	6/30/2014	93,000	FY	1.00
Langenfeld, Sean J.	Surgery	Assistant Professor	Health Prof	7/16/2012	6/30/2014	65,000	FY	1.00
Lei, Yu	Radiation Oncology	Assistant Professor	Special	8/1/2012		150,000	FY	1.00
Levering, Nicholas J.	COD - Growth & Development	Associate Professor	Special	8/1/2012		120,000	FY	0.80
Lindau, Robert H.	Otolaryngology-Head & Neck Surgery	Assistant Professor	Special	7/31/2012		50,000	FY	0.50
Matthias, Tabatha H.	Internal Medicine	Assistant Professor	Health Prof	7/16/2012	6/30/2014	40,000	FY	1.00
Moore, Tiffany A.	CON - Omaha Division	Assistant Professor	Health Prof	9/1/2012	6/30/2014	72,450	FY	1.00
Ritsema, Tamara S.	SAHP - Physician Assistant Education	Assistant Professor	Health Prof	7/16/2012	6/30/2013	98,500	FY	1.00
Siu, Ka-Chun	SAHP - Physical Therapy Education	Assistant Professor	Health Prof	9/1/2012	6/30/2014	92,000	FY	1.00

PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA MEDICAL CENTER

NEW APPOINTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Soliman, Amr S.	COPH - Epidemiology	Professor	Continuous	8/16/2012		200,000	FY 1.00
		Interim Chair	Special	8/16/2012		5,000	FY 0.00
Splittgerber, Ryan C.	Genetics, Cell Biology & Anatomy	Assistant Professor	Health Prof	7/18/2012	6/30/2014	78,000	FY 1.00
Stephenson, Gerald L.	COD - Surgical Specialties	Assistant Professor	Health Prof	9/3/2012	6/30/2015	95,000	FY 1.00
Thorson, Ryan T.	Munroe-Meyer Institute	Assistant Professor	Special	8/1/2012		62,000	FY 1.00
Tsai, Shane F.	Internal Medicine	Assistant Professor	Health Prof	7/16/2012	6/30/2014	40,000	FY 1.00
Zeidan, Zahi	Pediatrics	Assistant Professor	Health Prof	8/1/2012	6/30/2014	40,000	FY 1.00

PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA AT OMAHA

NEW APPOINTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Bai, Jieru	Social Work	Assistant Professor	Specific	8/13/2012		52,000 AY	1.00
Battisti, Danielle	History	Assistant Professor	Specific	8/13/2012		55,000 AY	1.00
Beorn, Waitman	History	Assistant Professor	Specific	8/13/2012		55,000 AY	1.00
		Blumkin Professorship	Special	9/1/2012	8/31/2015	7,500 AY	0.00
Bereitschaft, Bradley	Geography/Geology	Assistant Professor	Specific	8/13/2012		55,000 AY	1.00
Bjornsen, Abby	Counseling	Assistant Professor	Specific	8/13/2012		60,000 AY	1.00
Blankenship, Jill	Biology	Assistant Professor	Specific	8/13/2012		55,000 AY	1.00
Boucher, Lisa	Biology	Associate Professor	Continuous	8/13/2012		65,504 AY	1.00
Brailsford, Ashley	Teacher Education	Assistant Professor	Specific	8/13/2012		60,000 AY	1.00
Bratiosis, Christiana	Social Work	Assistant Professor	Specific	8/13/2012		58,000 AY	1.00
Breazeale, Michael	Marketing/Management	Assistant Professor	Specific	8/13/2012		110,000 AY	1.00
Bredthauer, Jeffery	Finance, Banking & Law	Assistant Professor	Specific	8/13/2012		130,000 AY	1.00
Bryan, Tara	Public Administration	Assistant Professor	Specific	8/13/2012		59,000 AY	1.00

PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA AT OMAHA

NEW APPOINTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Burke, Amy	Teacher Education	Assistant Professor	Specific	8/13/2012		56,000 AY	1.00
Carter, Michelle	Information Science & Quantitative Analysis	Assistant Professor	Specific	8/13/2012		100,000 AY	1.00
Chmidling, Catherine	Goodrich Scholarship Program	Assistant Professor	Specific	8/13/2012		50,000 AY	1.00
Conrad, John	Chemistry	Assistant Professor	Specific	8/13/2012		52,000 AY	1.00
Cook-Fong, Sandra	Social Work	Assistant Professor	Continuous	7/1/2012		90,000 FY	1.00
DeVeney, Shari	Special Education & Communication Disorders	Assistant Professor	Specific	8/13/2012		56,000 AY	1.00
Di Stefano, Eugenio	Foreign Languages	Assistant Professor	Specific	8/13/2012		51,000 AY	1.00
Duran, Adrian	Art/Art History	Assistant Professor	Specific	8/13/2012		52,500 AY	1.00
Franks, Bridget	Teacher Education	Assistant Professor	Specific	8/13/2012		58,000 AY	1.00
Germonprez, Raymond	Information Science & Quantitative Analysis	Associate Professor	Continuous	8/13/2012		110,000 AY	1.00
		Mutual of Omaha Chair of IS&T	Special	9/1/2012	8/31/2015	12,000 AY	0.00
Ghosh, Tanushree	English	Assistant Professor	Specific	8/13/2012		54,500 AY	1.00

PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA AT OMAHA

NEW APPOINTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Hagaman, Jessica	Special Education & Communication Disorders	Assistant Professor	Specific	8/13/2012		55,000 AY	1.00
Hutt, Curtis	Philosophy & Religion	Visiting Assistant Professor	Special	8/13/2012	5/10/2013	40,000 AY	1.00
	Schwalb Center for Israel & Jewish Studies	Coordinator	Special	8/13/2012	5/10/2013	5,000 AY	0.00
Imani, Nikitah	Black Studies	Professor	Continuous	8/13/2012		80,000 AY	1.00
		Chairperson	Special	8/13/2012		3,600 AY	0.00
Jawed-Wessel, Sofia	Health, Physical Education & Recreation	Assistant Professor	Specific	8/13/2012		59,000 AY	1.00
Lee, Jooho	Public Administration	Assistant Professor	Specific	8/13/2012		67,500 AY	1.00
Lierler, Yuliya	Computer Science	Assistant Professor	Specific	8/13/2012		95,000 AY	1.00
Ligon, Ginamarie	Marketing/Management	Assistant Professor	Specific	8/13/2012		119,000 AY	1.00
Saltamacchia, Martina	History	Assistant Professor	Specific	8/13/2012		55,000 AY	1.00
Shipp, Daniel	Student Affairs	Associate Vice Chancellor	Special	8/1/2012		140,000 FY	1.00
Steiner, Benjamin	Criminology & Criminal Justice	Assistant Professor	Specific	8/13/2012		70,000 AY	1.00
Steiner, Emily	Criminology & Criminal Justice	Assistant Professor	Specific	8/13/2012		70,000 AY	1.00
Welsh, Kelly	Teacher Education	Assistant Professor	Specific	8/13/2012		55,000 AY	1.00

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UNIVERSITY OF NEBRASKA AT OMAHA

NEW APPOINTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Wisneski, Debora	Teacher Education	Associate Professor	Continuous	8/13/2012		79,000 AY	1.00
Wogugu, Manfred	Black Studies	Assistant Professor	Specific	8/13/2012		53,000 AY	1.00

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NEW APPOINTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Barksdale, Larry	NCTA	Assistant Professor Practice	Special	8/13/2012	5/15/2014	25,000 AY	0.50
Hergenreder, Joanna	NCTA	Assistant Professor	Special	7/23/2012		42,000 AY	1.00
Jackson, Glenn	NCTA	Assistant Professor	Special	8/13/2012		70,000 AY	1.00
Rittenhouse-tenBensel, Jennifer	NCTA	Assistant Professor	Special	8/13/2012		42,000 AY	1.00

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UNIVERSITY OF NEBRASKA AT KEARNEY

ADJUSTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Anderson, Kenneth	Teacher Education	Associate Professor	Specific Term	8/13/2012		36,000 AY	0.60
		Associate Professor	Specific Term		8/12/2012	60,000 AY	1.00
		Chair (Includes stipend)	Special	8/13/2012		28,419 AY	0.40
		N/A	N/A			0 AY	0.00
¹ Barry, Nathan	Industrial Technology	Assistant Professor	Specific Term	8/13/2012		88,345 AY	1.00
		Assistant Professor	Specific Term		8/12/2012	86,845 AY	1.00
¹ Flanigan, Rod	Industrial Technology	Assistant Professor	Specific Term	8/13/2012		74,845 AY	1.00
		Assistant Professor	Specific Term		8/12/2012	73,345 AY	1.00
Freedman Rhodes, Deborah	Music and Performing Arts	Associate Professor	Specific Term	8/13/2012		57,000 AY	1.00
		Associate Professor	Specific Term		8/12/2012	57,000 AY	1.00
		Ronald J. Crocker Chair (Stipend)	Special	8/13/2012		10,000 AY	0.00
		N/A	N/A		8/12/2012	0 AY	0.00

¹ Increase consistent with UNK collective bargaining agreement and receipt of PhD

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<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Hall, Steven	Accounting and Finance	Professor	Continuous	8/13/2012	12/31/2012	106,590 AY	1.00
		Professor	Continuous		8/12/2012	63,954 AY	0.60
		N/A	N/A	8/13/2012	12/31/2012	0 AY	0.00
		Chair (Includes stipend)	Special		8/12/2012	47,055 AY	0.40
Potthoff, Dennis	Teacher Education	Professor	Continuous	8/13/2012		37,373 AY	0.50
		Professor	Continuous		8/12/2012	44,848 AY	0.60
		Associate Dean (Includes stipend)	Special	8/13/2012		41,793 AY	0.50
		Chair (Includes stipend)	Special		8/12/2012	34,318 AY	0.40
Stewart, Kathryn	Management	Associate Professor	Continuous	8/13/2012		42,060 AY	0.50
		Associate Professor	Continuous		8/12/2012	84,120 AY	1.00
		Associate Dean (Includes stipend)	Special	8/13/2012		46,479 AY	0.50
		N/A	N/A		8/12/2012	0 AY	0.00

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UNIVERSITY OF NEBRASKA AT KEARNEY

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<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Trewin, Janet	Accounting and Finance	Professor	Continuous	8/13/2012	12/31/2012	62,792 AY	0.60
		Professor	Continuous		8/12/2012	104,653 AY	1.00
		Interim Chair (Includes stipend)	Special	8/13/2012	12/31/2012	46,280 AY	0.40
		N/A	N/A		8/12/2012	0 AY	0.00

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UNIVERSITY OF NEBRASKA-LINCOLN

ADJUSTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Anderson, John E.	Economics	Professor	Continuous	8/1/2012		155,350 AY	1.00
		Professor	Continuous			155,350 AY	1.00
		College Professorship Baird Family	Special	8/1/2012	7/31/2017	15,000 AY	0.00
		College Professorship Baird Family	Special		7/31/2012	15,000 AY	0.00
Avramov, Luchezar	Mathematics	Professor	Continuous	8/13/2012		167,186 AY	1.00
		Professor	Continuous			167,186 AY	1.00
		Dale M. Jensen Professorship	Special	8/13/2012	5/12/2017	10,000 AY	0.00
		Dale M. Jensen Professorship	Special		8/12/2012	10,000 AY	0.00
Bailey, John	School of Music	Professor	Continuous	8/13/2012		95,063 AY	1.00
		Professor	Continuous			47,923 AY	0.50
		Larson College Professor	Special	8/13/2012	5/10/2013	10,000 AY	0.00
		Larson College Professor	Special		8/12/2012	5,000 AY	0.00
	Hixson-Lied Fine and Performing Arts	N/A	N/A			0 AY	0.00
		Interim Associate Dean	Special		8/13/2012	60,423 AY	0.50

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Ball, Allen Dwayne	Marketing	Interim Chairperson	Special	8/13/2012		71,010 AY	0.60
		N/A	N/A			0 AY	0.00
		Associate Professor	Continuous	8/13/2012		40,577 AY	0.40
		Associate Professor	Continuous		8/12/2012	101,443 AY	1.00
Belli, Robert	Psychology	Professor	Continuous	8/13/2012		93,993 AY	1.00
		Professor	Continuous			93,993 AY	1.00
	Survey Research and Methodology (SRAM)	Director	Special	8/13/2012		10,000 AY	0.00
		N/A	N/A			0 AY	0.00
Bevins, Rick	Psychology	Chairperson	Special	8/13/2012		77,000 AY	0.60
		N/A	N/A			0 AY	0.00
		Professor	Continuous	8/13/2012		48,000 AY	0.40
		Professor	Continuous		8/12/2012	120,000 AY	1.00
		Cather Professorship	Special	8/13/2012	8/12/2017	5,000 AY	0.00
		Happold Professorship	Special		8/12/2012	2,500 AY	0.00

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Braithwaite, Dawn	Communication Studies	Professor	Continuous	8/13/2012		44,169 AY	0.40
		Professor	Continuous			44,169 AY	0.40
		Chairperson	Special	8/13/2012		69,754 AY	0.60
		Chairperson	Special			69,754 AY	0.60
		Cather/Bessey Professorhip	Special	8/13/2012	8/12/2017	5,000 AY	0.00
		Cather/Bessey Professorhip	Special		8/11/2012	2,500 AY	0.00
Burnett, Amy	History	Professor	Continuous	8/13/2012		88,574 AY	1.00
		Professor	Continuous			88,574 AY	1.00
		Paula and D.B. Varner Professorship	Special	8/13/2012	8/12/2017	15,000 AY	0.00
		N/A	N/A			0 AY	0.00
Cejda, Brent	Educational Administration	Professor	Continuous	7/1/2012		50,963 FY	0.40
		Professor	Continuous			104,243 FY	1.00
		Chairperson	Special	7/1/2012		89,186 FY	0.60
		N/A	N/A			0 FY	0.00

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Chang, Ann	School of Music	Associate Professor of Practice	Special	9/1/2012		31,821 AY	0.50
		Senior Lecturer	Special		8/31/2012	22,821 AY	0.50
	Lied Center	Artistic Director	Special	7/1/2012		52,275 FY	0.50
		Artistic Director	Special			52,275 FY	0.50
Coble, Parks	History	Professor	Continuous	8/13/2012		91,387 AY	1.00
		Professor	Continuous			91,387 AY	1.00
		James L. Sellers Professorship	Special	8/13/2012	5/12/2017	10,000 AY	0.00
		James L. Sellers Professorship	Special		8/12/2012	10,000 AY	0.00
DeChenne, Sue Ellen	Chemistry	Research Assistant Professor	Special	8/1/2012		16,000 FY	0.40
		N/A	N/A			0 FY	0.00
	Biochemistry	Lecturer	Special	7/1/2012		36,000 FY	0.60
		Lecturer	Special			36,000 FY	0.60
Day, Jeffrey	Architecture	Professor	Continuous	8/13/2012		53,601 AY	0.60
		Professor	Continuous		8/12/2012	89,335 AY	1.00
		Interim Program Director	Special	8/13/2012		44,234 AY	0.40
		N/A	N/A			0 AY	0.00

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Dowben, Peter	Physics and Astronomy	Professor	Continuous	8/13/2012		123,579 AY	1.00
		Professor	Continuous			123,579 AY	1.00
		Bessey Professorship	Special	8/13/2012	8/12/2017	5,000 AY	0.00
		Bessey Professorship	Special			2,500 AY	0.00
Dussault, Patrick	Graduate Studies	Professor	Continuous	9/1/2012		140,000 AY	1.00
		Dean	Special		8/31/2012	170,000 FY	1.00
		Bessey Professor	Special	8/1/2012	4/30/2014	5,000 AY	0.00
		Bessey Professor	Special		7/31/2012	5,000 AY	0.00
Fielding, Christopher	Earth and Atmospheric Science	Professor	Continuous	8/13/2012		112,063 AY	1.00
		Professor	Continuous			112,063 AY	1.00
		J.B. Coffman Chair in Sedimentary Geology	Special	8/13/2012	5/12/2017	10,000 AY	0.00
		J.B. Coffman Chair in Sedimentary Geology	Special		8/12/2012	10,000 AY	0.00

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Fuess, Scott	Economics	Professor	Continuous	8/13/2012		47,594 AY	0.40
		Professor	Continuous			47,594 AY	0.40
		Chairperson	Special	8/13/2012		83,288 AY	0.60
		Chairperson	Special			83,288 AY	0.60
		Karl H. Nelson Professorship	Special	8/13/2012	5/12/2017	15,000 AY	0.00
		N/A	N/A			0 AY	0.00
Giesecke, Joan	Academic Affairs	Coordinator for HLC Accreditation	Special	8/13/2012		175,000 FY	1.00
	University Libraries	Dean	Special		8/12/2012	185,665 FY	1.00
Hage, David	Chemistry	Professor	Continuous	8/13/2012		124,263 AY	1.00
		Professor	Continuous			124,263 AY	1.00
		Hewett Professorship	Special	8/13/2012	8/12/2017	15,000 AY	0.00
		Bessey Professorship	Special		8/12/2012	5,000 AY	0.00

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Hames, Raymond	Anthropology	Professor	Continuous	8/13/2012		94,228 AY	1.00
		Professor	Continuous		8/12/2012	37,318 AY	0.40
		N/A	N/A			0 AY	0.00
		Chairperson	Special		8/12/2012	59,477 AY	0.60
Hansen, David	Psychology	Professor	Continuous	9/1/2012		141,826 AY	1.00
		Professor	Continuous		8/31/2012	69,337 FY	0.40
		N/A	N/A			0 FY	0.00
		Chairperson	Special		8/31/2012	109,002 FY	0.60
Hawkey, Earl	Admissions	Director of Student Information Systems	Special	9/1/2012		150,000 FY	1.00
	Registration and Records	Director	Special		8/31/2012	127,425 FY	1.00

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Henderson, David K.	Philosophy	Professor	Continuous	8/13/2012		93,997 AY	1.00
		Professor	Continuous			93,997 AY	1.00
		Robert R. Chambers Professorship	Special	8/13/2012	5/12/2017	6,000 AY	0.00
		Robert R. Chambers Professorship	Special		8/12/2012	6,000 AY	0.00
Hendrix, James	Chemical and Biomolecular Engineering	Professor	Continuous	8/13/2012		64,638 AY	0.40
		Professor	Continuous		8/12/2012	153,901 AY	1.00
		Interim Chairperson (Includes stipend)	Special	8/13/2012		104,653 AY	0.60
		N/A	N/A			0 AY	0.00
Hines, Gwendolyn	Mathematics	Associate Professor of Practice	Special	8/13/2012		34,940 AY	0.50
		Associate Professor	Continuous		8/12/2012	17,470 AY	0.25

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Hoff, Michael	Art and Art History	Professor	Continuous	8/13/2012		72,582 AY	1.00
		Professor	Continuous			72,582 AY	1.00
		Hixson-Lied Professorship	Special	9/1/2012	8/31/2015	3,000 AY	0.00
		N/A	N/A			0 AY	0.00
Hoyt, Danny	College of Arts and Sciences	Associate Dean for Faculty	Special	7/1/2012		166,389 FY	1.00
		Chairperson	Special		6/30/2012	77,777 AY	0.60
	Sociology	N/A	N/A			0 AY	0.00
		Professor	Continuous		6/30/2012	49,518 AY	0.40
Iyengar, Srikanth	Mathematics	Professor	Continuous	8/13/2012		105,425 AY	1.00
		Professor	Continuous			105,425 AY	1.00
		Cather Professorship	Special	8/13/2012	8/12/2017	5,000 AY	0.00
		N/A	N/A			0 AY	0.00

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UNIVERSITY OF NEBRASKA-LINCOLN

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<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>		<u>FTE</u>	
Kamil, Alan	Biological Sciences	Professor	Continuous	9/1/2012		72,875	AY	0.48	
		Professor	Continuous		8/31/2012	121,458	AY	0.80	
		N/A	N/A			0	AY	0.00	
		George Holmes Professorship	Special		8/31/2012	15,000	AY	0.00	
	Psychology	Professor	Continuous	9/1/2012		18,218	AY	0.12	
		Professor	Continuous		8/31/2012	30,363	AY	0.20	
	Kebbel, Gary	Journalism	Professor	Continuous	8/13/2012		155,603	AY	1.00
			Dean	Special		8/12/2012	209,200	FY	1.00
College Professorship		N/A	N/A			0	FY	0.00	
		College Professorship	Special		8/12/2012	15,000	FY	0.00	

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UNIVERSITY OF NEBRASKA-LINCOLN

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Kohen, Ariel	Political Science	Associate Professor	Continuous	8/13/2012		68,165 AY	1.00
		Associate Professor	Continuous			68,165 AY	1.00
		Schlesinger Professorship	Special	8/13/2012	5/12/2017	7,500 AY	0.00
		Schlesinger Professorship	Special		8/12/2012	7,500 AY	0.00
Laging, Thomas	Architecture	Professor	Continuous	9/1/2012		98,155 AY	1.00
		Professor	Continuous		8/31/2012	58,121 AY	0.60
		N/A	N/A			0 AY	0.00
		Program Director	Special		5/11/2012	47,520 AY	0.40
Larkins, Brian	Office of the Vice President/Chanc IANR	Associate Vice Chancellor	Special	7/1/2012		175,000 AY	1.00
	Office of Research	Associate Vice Chancellor	Special		6/30/2012	195,836 FY	1.00
	Office of the Vice President/Chanc IANR	Fuller Davidson Professorship	Special	7/1/2012		50,000 AY	0.00
		N/A	N/A			0 AY	0.00

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Lesoing-Lucs, Jennifer	Business and Finance College of Engineering	Assistant Vice Chancellor	Special	7/2/2012		140,000	FY 1.00
		Assistant Dean for Business and Finance	Special		7/1/2012	123,600	FY 1.00
Levin, Carole	History	Professor	Continuous	8/13/2012		104,633	AY 1.00
		Professor	Continuous			104,633	AY 1.00
		Cather Professorship	Special	8/13/2012	8/12/2017	5,000	AY 0.00
		Cather Professorship	Special		8/12/2012	2,500	AY 0.00
MacPhee, Craig	Economics	Professor	Continuous	8/13/2012		100,943	AY 1.00
		Professor	Continuous			100,943	AY 1.00
		N/A	N/A			0	AY 0.00
		Burmeister College Professorship	Special		8/12/2012	10,000	AY 0.00

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Mamiya, Christin	Hixson-Lied College Fine and Performing Arts	Associate Dean	Special	8/13/2012		105,000	AY	1.00
		Dean	Special		8/12/2012	109,500	AY	1.00
		N/A	N/A			0	AY	0.00
		Hixson-Lied Professorship	Special		8/12/2012	3,000	AY	0.00
McQuillan, Julia	Sociology	Professor	Continuous	9/1/2012		36,550	AY	0.40
		Professor	Continuous		8/31/2012	91,376	AY	1.00
		Chairperson	Special	7/9/2012		58,326	AY	0.60
		N/A	N/A			0	AY	0.00

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<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>		<u>FTE</u>
Medill, Colleen	College of Law	Professor	Continuous	8/13/2012		154,236	AY	1.00
		Professor	Continuous			154,236	AY	1.00
		Berkshire Family Professorship	Special	9/1/2012	8/31/2017	15,000	AY	0.00
		Warren Wise Professorship	Special		8/31/2012	10,000	AY	0.00
Narumalani, Sunil	Academic Affairs	Associate Vice Chancellor	Special	07/01/2012		150,700	FY	1.00
		Associate Dean for Faculty	Special		6/30/2012	130,729	FY	1.00
	International Studies	Director (Stipend)	Special	09/01/2012		4,800	FY	0.00
		Director (Stipend)	Special		8/31/2012	5,000	FY	0.00

Shaded reflects new or ongoing appointment

Un-shaded reflects old appointment

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<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Pratt, Linda	English Office of the Provost	Professor	Continuous	08/13/2012		68,282 AY	0.50
		Executive Vice President and Provost	Special		8/12/2012	199,659 FY	0.80
Pytlík Zillig, Lisa	Public Policy Center	Research Assistant Professor	Special	09/01/2012		56,048 FY	1.00
		Research Assistant Professor	Special		8/31/2012	28,024 FY	0.50
	Center for Instructional Innovation	N/A	N/A			0 FY	0.00
		Research Assistant Professor	Special		8/31/2012	28,024 FY	0.50
Sellmyer, David	Physics and Astronomy	Professor	Continuous	8/13/2012		185,961 AY	1.00
		Professor	Continuous			185,961 AY	1.00
	George Holmes Professorship	Special	8/13/2012	8/31/2017	15,000 AY	0.00	
		Special		8/12/2012	15,000 AY	0.00	
	Nebraska Center for Materials and Nanoscience	Director	Special	8/13/2012		1,844 AY	0.00
		Director	Special		8/12/2012	1,844 AY	0.00

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Sobel, David	Philosophy	Professor	Continuous	8/13/2012		88,059 AY	1.00
		Professor	Continuous			88,059 AY	1.00
		Robert R. Chambers Professorship	Special	8/13/2012	5/12/2017	6,000 AY	0.00
		Robert R. Chambers Professorship	Special		8/12/2012	6,000 AY	0.00
		Assistant Professor	Specific Term	8/13/2011		58,813 AY	1.00
		Assistant Professor	Specific Term			58,813 AY	1.00
Steinacher, Gerald	History	Hyman Rosenberg Professor of Judaic Studies	Special	8/13/2012	5/12/2017	5,000 AY	0.00
		N/A	N/A			0 AY	0.00
		Associate Professor of Practice	Special	8/13/2012	5/13/2016	41,031 AY	0.50
		Associate Professor of Practice	Special			41,031 AY	0.50
Vagts, Susan	Finance	Ameritas Actuarial Faculty Fellow	Special	8/13/2012	8/31/2017	5,000 AY	0.00
		N/A	N/A			0 AY	0.00

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Walker, Judy	Mathematics	Professor	Continuous	8/13/2012		42,217 AY	0.40		
		Professor	Continuous			42,217 AY	0.40		
		Chairperson	Special	8/13/2012		68,325 AY	0.60		
		Chairperson	Special			68,325 AY	0.60		
		Douglas Professorship	Special	8/13/2012	8/12/2017	5,000 AY	0.00		
		N/A	N/A			0 AY	0.00		
		Wandsnider, LuAnn	Anthropology	Professor	Continuous	8/13/2012		29,865 AY	0.40
				Associate Professor	Continuous		8/12/2012	67,507 AY	1.00
Chairperson	Special			8/13/2012		48,298 AY	0.60		
N/A	N/A					0 AY	0.00		

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Yang, Yiqi	Textiles, Merchandising and Fashion Design	Professor	Continuous	8/13/2012		117,057	AY	1.00
		Professor	Continuous			117,057	AY	1.00
		Cather/Bessey Professorship	Special	9/1/2012	8/12/2017	5,000	AY	0.00
		Cather/Bessey Professorship	Special		8/31/2012	2,500	AY	0.00
Zera, Anthony	Biological Sciences	Professor	Continuous	8/13/2012		101,969	AY	1.00
		Professor	Continuous			101,969	AY	1.00
		Kate Foster Professorship	Special	8/13/2012	5/12/2017	10,000	AY	0.00
		Kate Foster Professorship	Special		8/12/2012	10,000	AY	0.00

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Awada, Tala	School of Natural Resources	Director (Interim)	Special	9/1/2012	5/10/2013	98,100 AY	1.00
		Associate Director (Includes stipend)	Special		8/31/2012	40,271 AY	0.50
		Associate Professor	Continuous	9/1/2012		0 AY	0.00
		Associate Professor	Continuous		8/31/2012	36,610 AY	0.50
² Cahoon, Edgar	Center for Plant Science Innovation	Director (Includes stipend)	Special	9/1/2012		42,493 AY	0.20
		Director (Includes stipend)	Special		8/31/2012	41,761 AY	0.20
	Biochemistry	Professor	Continuous	9/1/2012		113,575 AY	0.80
		Professor	Continuous		8/31/2012	111,628 AY	0.80
		University Professorship/George Holmes	Special	8/13/2012	8/12/2017	15,000 AY	0.00
		N/A	N/A			0 AY	0.00
² Calkins, Chris	Animal Science	Professor	Continuous	9/1/2012		61,908 AY	0.51
		Professor	Continuous		8/31/2012	118,082 AY	1.00

² Includes annual salary increase

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Durden, Tonia	Child, Youth and Family Studies Cooperative Extension Division	Assistant Professor	Specific Term	8/1/2012		75,000 FY	1.00
		Assistant Extension Educator	Special		7/31/2012	33,500 FY	0.50
³ Erickson, Galen	Animal Science	Professor	Continuous	7/1/2012		103,055 FY	1.00
		Professor	Continuous		6/30/2012	100,247 FY	1.00
		College Professorship Nebraska Cattle Industry	Special	7/1/2012	6/30/2017	10,000 FY	0.00
		N/A	N/A		6/30/2012	0 FY	0.00
³ Forsberg, Michael	Ag Leadership Education and Communication	Assistant Professor Practice	Special	7/1/2012	6/30/2014	76,239 FY	0.75
		Assistant Professor Practice	Special		6/30/2012	50,000 FY	0.50

³ Includes annual salary increase

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4 Gaussoin, Roch	Agronomy and Horticulture	Department Head	Special	7/1/2012		105,000 FY	0.60
		Interim Department Head (Includes stipend)	Special		6/30/2012	98,321 FY	0.60
		Professor	Continuous	7/1/2012		70,000 FY	0.40
		Professor	Continuous		6/30/2012	49,161 FY	0.40
		N/A	N/A	7/1/2012		0 FY	0.00
		Professorship/Cyril Bish	Special		6/30/2012	2,500 FY	0.00
Gustafson, Mark	Nebraska Rural Initiative College of Agriculture Sciences and Natural Resources	Interim Director (Includes stipend)	Special	7/1/2012	6/30/2013	137,333 FY	1.00
		Director	Special		6/30/2012	122,400 FY	1.00
		N/A	N/A	7/1/2012		0 FY	0.00
		College Professorship/Engler	Special		6/30/2012	15,000 FY	0.00

4 Includes annual salary increase

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5 Heng-Moss, Tiffany	College of Ag Science and Natural Resources	Assistant Dean (Includes stipend)	Special	7/1/2012		32,383 FY	0.25
		Assistant Dean (Includes stipend)	Special		6/30/2012	12,578 FY	0.10
	Entomology	Professor	Continuous	7/1/2012		88,311 FY	0.75
		Professor	Continuous		6/30/2012	102,917 FY	0.90
5 Jones, Clinton	Veterinary and Biomedical Sciences	Professor	Continuous	9/1/2012		152,774 AY	1.00
		Professor	Continuous		8/31/2012	149,999 AY	1.00
	Professorship/Bessey	Special	8/13/2012	8/12/2017	2,500 AY	0.00	
	Professorship/Bessey	Special		8/12/2012	2,500 AY	0.00	
Klopfenstein, Terry	Animal Science	Professor	Continuous	8/1/2012		56,899 FY	0.30
		Professor	Continuous		7/31/2012	132,764 FY	0.70
5 Lee, Jaekwon	Biochemistry	Associate Professor	Continuous	7/1/2012		91,117 FY	1.00
		Associate Professor	Continuous		6/30/2012	86,706 FY	1.00
	Professorship/Rosowski	Special	7/1/2012	6/30/2017	3,000 FY	0.00	
	N/A	N/A			0 FY	0.00	

5 Includes annual salary increase

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Massengale, Martin	Agronomy and Horticulture	Professor	Continuous	9/1/2012		65,345 FY	0.35
		Professor	Continuous		8/31/2012	93,350 FY	0.50
		University Foundation Professor	Special	9/1/2012		10,000 FY	0.00
		University Foundation Professor	Special		8/31/2012	10,000 FY	0.00
	Grassland Studies Center	Director	Special	9/1/2012		93,350 FY	0.50
		Director			8/31/2012	93,350 FY	0.50
Norby, Monica	Water for Food Institute Research	Associate Director	Special	7/1/2012		189,600 FY	1.00
		Assistant Vice Chancellor	Special		6/30/2012	155,838 FY	1.00
Powell, Larkin	School of Natural Resources	Professor	Continuous	8/1/2012		51,674 FY	0.50
		Professor	Continuous		7/31/2012	103,348 FY	1.00
		Associate Director (Includes stipend)	Special	8/1/2012	6/30/2013	62,009 FY	0.50
		N/A	N/A			N/A FY	0.00
Thomas, John	Panhandle Research and Extension Center	Associate Extension Educator	Special	7/9/2012		56,000 FY	1.00
		Managerial Professional	Other		7/8/2012	44,699 FY	1.00

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Wardlow, Brian	School of Natural Resources	Associate Professor	Specific Term	8/1/2012		74,072 FY	0.85
		Associate Professor	Specific Term		7/31/2012	87,144 FY	1.00
		Director (Includes stipend)	Special	8/1/2012		14,379 FY	0.15
		N/A	N/A		7/31/2012	0 FY	0.00
⁶ Weeks, Donald	Biochemistry	Professor	Continuous	7/1/2012		157,251 FY	0.90
		Professor	Continuous		6/30/2012	172,396 FY	1.00
		Professorship/Burt Maxey	Special	7/1/2012	6/30/2013	10,000 FY	0.00
		Professorship/Burt Maxey	Special		6/30/2012	10,000 FY	0.00
⁷ Weitzenkamp, Deborah	Southeast Research and Extension Center	Associate Extension Educator	Special	8/1/2012		56,750 FY	1.00
		Associate Extension Educator	Special		7/31/2012	51,826 FY	1.00
Wilhite, Donald	School of Natural Resources	Professor	Continuous	8/1/2012		165,311 FY	1.00
		Director (Includes stipend)	Special		7/31/2012	196,409 FY	1.00

⁶ Includes annual salary increase

⁷ Retention salary increase

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Anderson, James R.	COPH - Biostatistics	Professor	Special	7/1/2012		140,828	FY 0.75
		Professor	Continuous		6/30/2012	184,995	FY 1.00
	COPH - Office of the Dean	Associate Dean for Research (Stipend)	Special	7/1/2012		10,000	FY 0.00
		Associate Dean for Research (Stipend)	Special			10,000	FY 0.00
Buchanan, Lynne M.	CON - Omaha Division	Associate Professor	Health Prof	7/1/2012	6/30/2013	88,055	FY 1.00
		Associate Professor	Health Prof			88,055	FY 1.00
	CON - Omaha Division	MSN Area Coordinator (Stipend)	Special	7/1/2012		1,500	FY 0.00
		N/A	N/A			0	FY 0.00
Campbell-Grossman, Christie K.	CON - Lincoln Division	Associate Professor	Continuous	7/1/2012		88,148	FY 1.00
		Associate Professor	Continuous			88,148	FY 1.00
		Interim Assistant Dean (Stipend)	Special	7/1/2012		5,000	FY 0.00
		N/A	N/A			0	FY 0.00
Chaperon, Claudia M.	CON - Omaha Division	Associate Professor	Health Prof	9/1/2012	6/30/2013	80,574	FY 1.00
		Associate Professor	Health Prof			57,552	AY 1.00

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Connell, Gary L.	Family Medicine	Assistant Professor	Special	8/1/2012		77,213	FY 0.50
		Assistant Professor	Special		7/31/2012	15,443	FY 0.10
Cuddigan, Janet	CON - Omaha Division	Associate Professor	Continuous	7/1/2012		104,660	FY 1.00
		Associate Professor	Continuous			104,660	FY 1.00
	CON - Adult Health and Illness	Chairperson (Stipend)	Special	7/1/2012		5,000	FY 0.00
		Chairperson (Stipend)	Special			5,000	FY 0.00
CON - Community Based Health	Interim Chairperson (Stipend)	Special	7/1/2012		5,000	FY 0.00	
	N/A	N/A			N/A	FY 0.00	
Desa, Valmont P.	Surgery	Assistant Professor	Health Prof	9/1/2012	6/30/2014	87,561	FY 1.00
		Assistant Professor	Health Prof			87,561	FY 1.00
	Leon F. Davis Distinguished Chair	Special	9/1/2012	8/31/2017	0	FY 0.00	
		N/A	N/A			0	FY 0.00
Elliott, Leslie	COPH - Epidemiology	Assistant Professor	Special	8/29/2012		40,809	FY 0.50
		Assistant Professor	Health Prof		8/28/2012	88,868	FY 1.00

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Grigsby, Karen A.	CON - Families and Health	Associate Professor	Health Prof	7/1/2012	6/30/2013	110,987	FY 1.00
		Associate Professor	Health Prof			110,987	FY 1.00
		Chairperson (Stipend)	Special	7/1/2012		5,000	FY 0.00
		Chairperson (Stipend)	Special			5,000	FY 0.00
	CON - Omaha Division	MSN Area Coordinator (Stipend)	Special	7/1/2012		1,500	FY 0.00
		N/A	N/A			0	FY 0.00
		Associate Dean (Stipend)	Special	8/22/2012		5,000	FY 0.00
		N/A	N/A			0	FY 0.00
Hamilton, Scott A.	COD - Growth and Development	Assistant Professor	Special	9/1/2012		61,797	FY 0.50
		Assistant Professor	Special		8/31/2012	74,156	FY 0.60
Houfek, Julia	CON - Omaha Division	Professor	Continuous	7/1/2012		110,436	FY 1.00
		Professor	Continuous			110,436	FY 1.00
		MSN Area Coordinator (Stipend)	Special	7/1/2012		1,500	FY 0.00
		N/A	N/A			0	FY 0.00

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Keating-Lefler, Rebecca L.	CON - Omaha Division	Assistant Professor	Special	8/13/2012	6/30/2013	44,856	FY 0.50
		Assistant Professor	Health Prof		8/12/2012	89,712	FY 1.00
⁸ Krasnoslobodtsev, Alexey	COP - Pharmaceutical Sciences	Research Assistant Professor	Special	9/1/2012		75,000	FY 1.00
		Research Assistant Professor	Special		8/31/2012	39,394	FY 1.00
⁹ LeVan, Tricia D.	COPH - Epidemiology	Associate Professor	Health Prof	7/1/2012	6/30/2014	42,781	FY 0.38
		Associate Professor	Special		6/30/2012	24,211	FY 0.25
	Internal Medicine	Associate Professor	Special	7/1/2012		14,260	FY 0.13
		Associate Professor	Health Prof		6/30/2012	24,211	FY 0.26
Morris, Kathy J.	CON - Omaha Division	Assistant Professor	Health Prof	7/1/2012	6/30/2015	83,884	FY 1.00
		Assistant Professor	Health Prof			83,884	FY 1.00
		MSN Area Coordinator (Stipend)	Special	7/1/2012		1,500	FY 0.00
		N/A	N/A			0	FY 0.00

⁸ Equity Adjustment

⁹ Remaining salary defrayed by VA Nebraska - Western Iowa Health Care System (salary discrepancies due to rounding)

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10 O'Leary, Edward L.	Internal Medicine	Associate Professor	Health Prof	7/29/2012	6/30/2013	89,138	FY 0.88
		Associate Professor	Health Prof			101,873	FY 1.00
Pelish, Peggy L.	CON - Omaha Division	Associate Professor	Continuous	9/1/2012		79,582	FY 1.00
		Associate Professor	Continuous			79,582	FY 1.00
		MSN Area Coordinator (Stipend)	Special	9/1/2012		1,500	FY 0.00
		N/A	N/A			0	FY 0.00
Rodehorst, Teresa Kim	CON - West Nebraska Division	Associate Professor	Special	9/1/2012		29,893	FY 0.30
		Associate Professor	Continuous		8/31/2012	99,643	FY 1.00
Schwab, Robert	Internal Medicine	Assistant Professor	Special	9/1/2012		880	FY 0.01
		Assistant Professor	Special		8/31/2012	1,760	FY 0.02
Seidl, Lucinda J.	CON-Lincoln Division	Assistant Professor	Special	8/13/2012	5/16/2014	31,665	AY 0.50
		Assistant Professor	Special		8/12/2012	46,453	AY 0.75

10 Remaining salary defrayed by VA Nebraska - Western Iowa Health Care System (salary discrepancies due to rounding)

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Singh, Rakesh K.	Pathology and Microbiology	Professor	Continuous	9/1/2012		126,242	FY 1.00
		Professor	Continuous			126,242	FY 1.00
		Director of Graduate Program (Stipend)	Special	9/1/2012		10,000	FY 0.00
		N/A	N/A			0	FY 0.00
Tuma, Dean J.	Internal Medicine	Professor	Special	8/1/2012		27,002	FY 0.20
		Professor	Special		7/31/2012	33,752	FY 0.25
Turpen, James B.	Genetics, Cell Biology and Anatomy	Professor	Continuous	9/8/2012		176,788	FY 1.00
		Professor	Continuous			176,788	FY 1.00
		Vice Chairperson (Stipend)	Special	9/8/2012		7,000	FY 0.00
		Vice Chairperson (Stipend)	Special			7,000	FY 0.00
	Academic Affairs	Associate Vice Chancellor (Stipend)	Special	9/8/2012		22,000	FY 0.00
		Associate Vice Chancellor (Stipend)	Special			22,000	FY 0.00
	Graduate Studies	Executive Associate Dean (Stipend)	Special	9/8/2012		5,000	FY 0.00
		N/A	N/A			0	FY 0.00

Shaded reflects new or ongoing appointment
Un-shaded reflects old appointment

PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA MEDICAL CENTER

ADJUSTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Twiss, Janice J.	CON - Families and Health Systems	Associate Professor	Continuous	7/1/2012		103,456	FY 1.00
		Associate Professor	Continuous			103,456	FY 1.00
	CON - Omaha Division	MSN Area Coordinator (Stipend)	Special	7/1/2012		1,500	FY 0.00
		N/A	N/A			0	FY 0.00
Volkert, Valerie M.	Munroe-Meyer Institute	Associate Professor	Special	9/1/2012		68,603	FY 1.00
		Associate Professor	Special			68,603	FY 1.00
		Coordinator of Training (Stipend)	Special	9/1/2012		5,000	FY 0.00
		N/A	N/A			0	FY 0.00
Wadman, Michael C.	Emergency Medicine	Associate Professor	Health Prof	9/1/2012	06/30/13	136,249	FY 1.00
		Associate Professor	Health Prof			136,249	FY 1.00
		Vice Chairperson (Stipend)	Special	9/1/2012		10,000	FY 0.00
		Vice Chairperson (Stipend)	Special			10,000	FY 0.00
	College of Medicine	Assistant Dean Graduate Medical Education (Stipend)	Special	9/1/2012		5,000	FY 0.00
		N/A	N/A			0	FY 0.00

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PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA MEDICAL CENTER

ADJUSTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Willett, Sandra	Munroe-Meyer Institute	Assistant Professor	Special	8/20/2012		67,221	FY 0.80
		Assistant Professor	Special		8/19/2012	50,416	FY 0.60
	SAHP-Physical Therapy Education	Assistant Professor	Special	8/20/2012		0	FY 0.00
		Assistant Professor	Special			0	FY 0.00

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PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA AT OMAHA

ADJUSTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Adidam, Phani	Marketing/Management	Professor	Continuous	8/13/2012		112,859 AY	1.00
		Professor	Continuous			44,843 AY	0.40
		N/A	N/A			0 AY	0.00
		Chairperson (Includes stipend)	Special		5/11/2012	70,866 AY	0.60
		Executive Management Educational Professorship	Special	9/1/2012	8/31/2015	5,000 AY	0.00
		Executive Management Educational Professorship	Special		8/31/2012	5,000 AY	0.00
Amend, John	Facilities Management	Assistant Vice Chancellor and Director of Facilities Management	Special	9/1/2012		137,000 FY	1.00
		Director of Facilities Management	Special		8/31/2012	137,000 FY	1.00
Barnes, Paul	Counseling	Associate Professor	Continuous	8/1/2012		16,534 FY	0.20
		Associate Professor	Continuous		7/31/2012	33,068 FY	0.40
		Chairperson (Includes stipend)	Special	8/1/2012		27,501 FY	0.30
		Chairperson (Includes stipend)	Special		7/31/2012	52,303 FY	0.60
	Academic and Student Affairs	Assistant Vice Chancellor (Includes stipend)	Special	8/1/2012		60,965 FY	0.50
		N/A	N/A			0 FY	0.00

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Un-shaded reflects old appointment

PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA AT OMAHA

ADJUSTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>	
Batton, Candice	Criminology and Criminal Justice	Associate Professor	Continuous	8/13/2012		23,627 FY	0.20	
		Associate Professor	Continuous		8/12/2012	37,804 FY	0.40	
		Director (Includes stipend)	Special	8/13/2012		47,441 FY	0.30	
		Director (Includes stipend)	Special		8/12/2012	68,705 FY	0.60	
	Academic and Student Affairs	Administrative Fellow (Includes stipend)	Special	8/13/2012	5/10/2013	39,041 FY	0.50	
		N/A	N/A			0 FY	0.00	
	Berke, Melissa	Music	Professor	Continuous	8/13/2012		33,147 AY	0.50
			Professor	Continuous		8/12/2012	26,341 AY	0.40
Academic and Student Affairs		Administrative Fellow (Includes stipend)	Special	8/13/2012	5/10/2013	36,747 AY	0.50	
Music		Chairperson (Includes stipend)	Special		8/12/2012	43,113 AY	0.60	
Casas, Juan		Psychology	Associate Professor	Continuous	8/13/2012		61,507 AY	1.00
	Associate Professor		Continuous			61,098 AY	1.00	
	Sociology	N/A	N/A			0 AY	0.00	
		Acting Director - OLLAS (Stipend)	Special		5/11/2012	5,000 AY	0.00	

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PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA AT OMAHA

ADJUSTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Conces, Rory	Philosophy and Religion	Associate Professor	Special	8/13/2012	5/10/2013	54,797 AY	1.00
		Associate Professor	Special		5/11/2012	54,433 AY	1.00
Conway, David	College of Education	Associate Dean	Special	7/1/2012		113,065 FY	1.00
		Associate Dean	Special		8/31/2012	110,308 FY	1.00
	Educational Administration and Supervision Department	Interim Chair stipend	Special	7/1/2012	6/30/2013	10,000 FY	0.00
		NA	N/A			0 FY	0.00
Special Education and Communication Disorders	Associate Professor	Continuous	7/1/2012		0 AY	0.00	
	Associate Professor	Continuous			0 AY	0.00	
Edwards, Sarah	Teacher Education	Professor	Continuous	8/2/2012		37,089 FY	0.40
		Professor	Continuous		8/1/2012	69,080 AY	1.00
	Chairperson (Includes stipend)	Special	8/2/2012		60,434 FY	0.60	
	N/A	N/A			0 FY	0.00	
	Hollie Bethel Professorship	Special	8/2/2012	8/31/2015	10,000 FY	0.00	
	N/A	N/A			0 FY	0.00	

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Un-shaded reflects old appointment

PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA AT OMAHA

ADJUSTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Erickson, John Jr.	Marketing/Management	Associate Professor	Continuous	8/13/2012		51,394 AY	0.40
		Associate Professor	Continuous		8/12/2012	127,630 AY	1.00
		Chairperson (Includes stipend)	Special	8/13/2012		80,690 AY	0.60
		N/A	N/A			0 AY	0.00
French, Jeffrey	Psychology	Professor	Continuous	8/13/2012		88,900 AY	1.00
		Professor	Continuous		8/12/2012	88,309 AY	1.00
		Varner Chair	Special		8/31/2013	10,000 AY	0.00
		Varner Chair	Special	9/1/2007		10,000 AY	0.00
		N/A	N/A			N/A AY	0.00
		Vice Chair for Institutional Animal Care and Use Committee (IACUC)	Special		6/30/2012	10,000 AY	0.00

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Un-shaded reflects old appointment

PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA AT OMAHA

ADJUSTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Gascoigne, Carolyn	Foreign Languages	Professor	Continuous	8/13/2012		71,683 AY	1.00
		Professor	Continuous			71,683 AY	1.00
		Peter Kiewit Chair (Stipend)	Special		8/31/2013	5,000 AY	0.00
		Peter Kiewit Chair (Stipend)	Special	9/1/2007		5,000 AY	0.00
	Academic and Student Affairs	N/A	N/A			0 AY	0.00
		Administrative Fellow (Includes stipend)	Special		5/11/2012	81,935 AY	1.00
Gershovich, Moshe	History	Professor	Continuous	8/13/2012		66,631 AY	1.00
		Professor	Continuous			66,188 AY	1.00
	Philosophy and Religion	Director, Schwalb Center for Israel and Jewish Studies	Special	8/13/2012	5/10/2013	10,000 AY	0.00
		History	Coordinator	Special		5/11/2012	5,000 AY

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PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA AT OMAHA

ADJUSTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Heidel, Jack	Mathematics	Professor	Continuous	8/13/2012		94,713 AY	1.00
		Professor	Continuous		8/12/2012	37,634 AY	0.40
		N/A	N/A			0 AY	0.00
		Chairperson (Includes stipend)	Special		5/11/2012	60,050 AY	0.60
Henry, Rita	Student Affairs	Assistant Vice Chancellor	Special	7/1/2012		96,201 FY	1.00
		Assistant Vice Chancellor	Special		6/30/2012	93,855 FY	1.00
		N/A	N/A			0 FY	0.00
		Interim Associate Vice Chancellor (Stipend)	Special	2/1/2012	8/31/2012	4,900 FY	0.00
Homer, Art	Writer's Workshop	Professor	Continuous	8/13/2012		76,618 AY	1.00
		Professor	Continuous		8/12/2012	30,443 AY	0.40
		N/A	N/A			0 AY	0.00
		Chairperson (Includes stipend)	Special		5/11/2012	49,266 AY	0.60

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PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA AT OMAHA

ADJUSTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>		<u>FTE</u>
Huebner, Joseph	Finance	Assistant Vice Chancellor and Director of Finance	Special	9/1/2012		137,000	FY	1.00
		Director of Finance/Controller	Special		8/31/2012	137,000	FY	1.00
Kelley Gillespie, Nancy	Social Work	Associate Professor	Continuous	8/13/2012		66,062	AY	1.00
		Associate Professor	Continuous		8/12/2012	65,623	AY	1.00
		Coordinator-Master of Social Work	Special	8/13/2012		3,500	AY	0.00
		N/A	N/A			0	AY	0.00
Kercher, Kyle	Gerontology	Professor	Continuous	8/13/2012		91,093	AY	1.00
		Professor	Continuous		8/12/2012	90,488	AY	1.00
		N/A	N/A			0	AY	0.00
		Terry Haney Distinguished Professorship	Special		8/31/2012	25,200	AY	0.00

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PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA AT OMAHA

ADJUSTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Konvalina, John	Mathematics	Professor	Continuous	8/13/2012		40,743 AY	0.40
		Professor	Continuous		5/11/2012	101,180 AY	1.00
		Chairperson (Includes stipend)	Special	8/13/2012		64,714 AY	0.60
		N/A	N/A			0 AY	0.00
Kriz, Kenneth	Public Administration	Associate Professor	Continuous	8/13/2012		43,666 AY	0.50
		Associate Professor	Continuous		5/11/2012	86,753 AY	1.00
	Academic and Student Affairs	Administrative Fellow (Includes stipend)	Special	8/13/2012	5/10/2013	47,267 AY	0.50
		N/A	N/A			0 AY	0.00
Landow, Paul	Political Science	Assistant Professor	Special	8/13/2012	5/10/2013	59,054 AY	1.00
		Assistant Professor	Special		5/11/2012	58,662 AY	1.00
Lomneth, Richard	Chemistry	Associate Professor	Continuous	8/13/2012		27,247 AY	0.40
		Associate Professor	Continuous		5/11/2012	67,665 AY	1.00
		Chairperson (Includes stipend)	Special	8/13/2012		44,471 AY	0.60
		N/A	N/A			0 AY	0.00

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PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA AT OMAHA

ADJUSTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Peake, Jeffrey	Geography/Geology	Associate Professor	Continuous	8/13/2012		76,918 AY	1.00
		Associate Professor	Continuous		5/11/2012	30,562 AY	0.40
		N/A	N/A			0 AY	0.00
		Chairperson (Includes stipend)	Special		5/11/2012	49,445 AY	0.60
Randall, Amanda	Social Work	Associate Professor	Continuous	8/13/2012		67,595 AY	1.00
		Associate Professor	Continuous		8/12/2012	67,146 AY	1.00
		N/A	N/A			0 AY	0.00
		Coordinator-Master of Social Work	Special		5/11/2012	4,000 AY	0.00
Robinson, Cynthia	Communication	Associate Professor	Continuous	8/13/2012		60,443 AY	1.00
		Assistant Professor	Specific		8/12/2012	55,820 AY	1.00
	Black Studies	N/A	N/A			0 AY	0.00
		Interim Chairperson Stipend	Special		5/11/2012	3,600 AY	0.00

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PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA AT OMAHA

ADJUSTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Rodie, Amy	College of Business	Associate Professor	Continuous	8/13/2012		124,012 AY	1.00
		Acting Associate Dean (Includes stipend)	Special		8/12/2012	175,349 FY	1.00
Roland, Thomas	Music	Professor	Continuous	8/13/2012		25,326 AY	0.40
		Professor	Continuous		8/12/2012	62,893 AY	1.00
		Acting Chairperson (Includes stipend)	Special	8/13/2012	5/10/2013	41,588 AY	0.60
		N/A	N/A			0 AY	0.00
		Scribante Professorship	Special		8/31/2017	10,000 AY	0.00
		Scribante Professorship	Special			10,000 AY	0.00
Rolf, Karen	Social Work	Associate Professor	Continuous	8/13/2012		61,402 AY	1.00
		Assistant Professor	Specific		8/12/2012	56,772 AY	1.00
		Coordinator - Bachelor of Science in Social Work	Special	8/13/2012		3,500 AY	0.00
		N/A	N/A			0 AY	0.00

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PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA AT OMAHA

ADJUSTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Sandlin, Lisa	Writer's Workshop	Professor	Continuous	8/13/2012		24,849 AY	0.40
		Associate Professor	Specific		8/12/2012	56,198 AY	1.00
		Chairperson (Includes stipend)	Special	8/13/2012		40,875 AY	0.60
		N/A	N/A			0 AY	0.00
Schaffer, Connie	Teacher Education	Assistant Professor	Specific	8/13/2012		60,000 AY	1.00
		Coordinator	Man/Prof		8/12/2012	65,608 FY	1.00
Scherer, Mark	History	Associate Professor	Continuous	8/13/2012		23,871 AY	0.40
		Associate Professor	Continuous		8/12/2012	59,281 AY	1.00
		Chairperson (Includes stipend)	Special	8/13/2012		39,407 AY	0.60
		N/A	N/A			0 AY	0.00
Shuster, Robert	Geography/Geology	Associate Professor	Continuous	8/13/2012		28,680 AY	0.40
		Associate Professor	Continuous		8/12/2012	71,224 AY	1.00
		Chairperson (Includes stipend)	Special	8/13/2012		46,620 AY	0.60
		N/A	N/A			0 AY	0.00

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PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA AT OMAHA

ADJUSTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Smith, Russell L.	Office of Institutional Effectiveness	Director (Includes stipend)	Special	7/1/2012		143,000 AY	1.00
		Director (Includes stipend)	Special		6/30/2012	140,000 AY	1.00
Sollars, Suzanne	Psychology	Associate Professor	Continuous	8/13/2012		74,340 AY	1.00
		Associate Professor	Continuous		8/12/2012	55,385 AY	0.75
		N/A	N/A			0 AY	0.00
		Coordinator	Special		5/11/2012	18,461 AY	0.25
Toman, Regina	College of Public Affairs and Community Service	Assistant Dean	Special	7/1/2012		86,151 FY	1.00
		Assistant Dean	Special		6/30/2012	84,050 FY	1.00
		N/A	N/A			0 FY	0.00
		Interim Associate Vice Chancellor (Stipend)	Special	2/1/2012	8/31/2012	2,800 FY	0.00
Topp, Neil	Teacher Education	Professor	Continuous	8/13/2012		58,400 AY	0.75
		Professor	Continuous		8/12/2012	57,764 AY	0.75
	Academic and Student Affairs	Administrative Fellow (Includes stipend)	Special	8/13/2012	5/10/2013	27,466 AY	0.25
		Administrative Fellow (Includes stipend)	Special		5/11/2012	27,254 AY	0.25

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PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA AT OMAHA

ADJUSTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
Vlasek, Scott	Aviation Institute	Director (Includes stipend)	Special	7/1/2012	6/30/2015	53,167 FY	0.60
		Interim Director (Includes stipend)	Special		6/30/2012	51,364 FY	0.60
		Instructor	Special	7/1/2012	6/30/2015	30,445 FY	0.40
		Instructor	Special		6/30/2012	30,242 FY	0.40
Wolfenbarger, Lillian	Biology	Associate Professor	Specific	8/13/2012		72,500 AY	1.00
		Instructor	Special		5/11/2012	72,534 AY	1.00
Wood, Sharon	History	Professor	Continuous	8/13/2012		70,032 AY	1.00
		Professor	Continuous		8/12/2012	27,827 AY	0.40
		N/A	N/A			0 AY	0.00
		Chairperson (Includes stipend)	Special		5/11/2012	45,340 AY	0.60

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Un-shaded reflects old appointment

PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA-NCTA

ADJUSTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
11 Berg, Barbara	NCTA	Assistant Professor (Includes stipend)	Special	8/13/2012		60,166 FY	1.00
		Assistant Professor (Includes stipend)	Special		8/12/2012	44,907 AY	1.00
12 Bowmaster-Cole, Judy	NCTA	Assistant Professor	Special	9/1/2012		43,000 AY	1.00
		Assistant Professor	Special		8/31/2012	40,000 AY	1.00
12 Bush, Trentee	NCTA	Assistant Professor	Special	9/1/2012		42,528 AY	1.00
		Assistant Professor	Special		8/31/2012	36,386 AY	1.00
11 Clark, Paul	NCTA	Assistant Professor (Includes stipend)	Special	8/13/2012		60,566 FY	1.00
		Assistant Professor (Includes stipend)	Special		8/12/2012	43,860 AY	1.00
12 Heath, Cory	NCTA	Assistant Professor	Special	09/01/12		62,784 AY	1.00
		Assistant Professor	Special		08/31/12	54,056 AY	1.00

11 Academic year to fiscal year plus salary increase

12 Market Increase

Shaded reflects new or ongoing appointment

Un-shaded reflects old appointment

PERSONNEL REPORT
07/01/2012 - 09/30/2012
UNIVERSITY OF NEBRASKA-NCTA

ADJUSTMENTS

<u>NAME</u>	<u>DEPARTMENT</u>	<u>TITLE</u>	<u>APPT TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>SALARY</u>	<u>FTE</u>
13 Ramsdale, Bradford	NCTA	Assistant Professor (Includes stipend)	Special	8/13/2012		73,971 FY	1.00
		Assistant Professor (Includes stipend)	Special		8/12/2012	50,104 AY	1.00
13 Reed, Eric	NCTA	Assistant Professor (Includes stipend)	Special	8/13/2012		60,421 FY	1.00
		Assistant Professor (Includes stipend)	Special		8/12/2012	39,551 AY	1.00
14 Sievers, Jeremy	NCTA	Assistant Professor	Special	9/1/2012		42,550 AY	1.00
		Assistant Professor	Special		8/31/2012	37,948 AY	1.00
13 Smith, Joe	NCTA	Assistant Professor (Includes stipend)	Special	8/13/2012		73,904 FY	1.00
		Assistant Professor (Includes stipend)	Special		8/12/2012	45,300 AY	1.00
14 Wach, Ricky Sue Barnes	NCTA	Professor	Special	9/1/2012		62,858 AY	1.00
		Professor	Special		8/31/2012	37,948 AY	1.00

13 Academic year to fiscal year plus salary increase

14 Market Increase

Shaded reflects new or ongoing appointment

Un-shaded reflects old appointment