

**AGENDA - REVISED**  
**THE BOARD OF REGENTS**  
**OF THE UNIVERSITY OF NEBRASKA**  
**Varner Hall**  
**Friday, January 18, 2008**  
**1:00 p.m.**

- I. CALL TO ORDER
- II. ROLL CALL
- III. APPROVAL OF MINUTES AND RATIFICATION OF ACTIONS TAKEN ON NOVEMBER 9, 2007
- IV. ELECTION OF OFFICERS: Chairperson  
Vice Chairperson
- V. KUDOS AND RESOLUTIONS
- VI. HEARINGS
- VII. PUBLIC COMMENT

The Standing Rules of the Board provide that 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.

- VIII. STRATEGIC OR POLICY ISSUES:  
NEBRASKA INNOVATION CAMPUS
- IX. UNIVERSITY CONSENT AGENDA
  - A. ACADEMIC AFFAIRS
    - 1. The President's Personnel Recommendations Addendum IX-A-1
  - B. BUSINESS AFFAIRS
    - University of Nebraska Central Administration
      - 1. Approve the acceptance of the audited financial statements of the University of Nebraska Addendum IX-B-1
    - University of Nebraska Medical Center
      - 2. Approve naming the new Geriatric Center at the University of Nebraska Medical Center the "Home Instead Center for Successful Aging" Addendum IX-B-2
- X. UNIVERSITY ADMINISTRATIVE AGENDA
  - A. ACADEMIC AFFAIRS
    - 1. Approve the Bachelor of Science in Turfgrass and Landscape Management degree at the University of Nebraska-Lincoln Addendum X-A-1
    - 2. Approve the Center for Plant Science Innovation at the University of Nebraska-Lincoln Addendum X-A-2
    - 3. Approve the award of Honorary Degrees and Awards [Please note: this item will be voted on after the Closed Session] Addendum X-A-3
  - B. BUSINESS AFFAIRS
    - University of Nebraska Central Administration
      - 1. Approve the appointment of Ron Hollins, M.D. and reappointment of Randolph M. Ferlic, M.D. to the Board of Directors of The Nebraska Medical Center effective January 1, 2008, for a term of three years Addendum X-B-1

University of Nebraska at Kearney

2. Approve the conveyance of real property from the Board of Regents of the University of Nebraska to Viaero Wireless Addendum X-B-2

University of Nebraska-Lincoln

3. Approve the Program Statement and Budget for the Animal Research Facility Renovation Addendum X-B-3
4. Approve the Resolution for the Animal Research Facility Renovation Project which (1) approves the issuance by The University of Nebraska Facilities Corporation of not to exceed \$6,000,000 principal amount of UNL Animal Research Facility Renovation Bonds pursuant to a Bond Resolution of the Corporation, (2) authorizes the execution and delivery of a Financing Agreement, a Continuing Disclosure Agreement, a Tax Compliance Agreement, an Inducement Letter and a Preliminary Official Statement in connection with the sale of such Bonds, (3) authorizes the sale of such Bonds at a negotiated sale pursuant to a Bond Purchase Agreement and authorizes the Vice President for Business and Finance to determine interest rates (not to exceed a true interest cost of 5.35%), principal amounts, principal maturities and redemption provisions of such Bonds, and (4) approves the preparation and use of a final Official Statement Addendum X-B-4
5. Approve the Resolution for the NanoScience Center Project which (1) approves the issuance by The University of Nebraska Facilities Corporation of not to exceed \$15,000,000 principal amount of UNL NanoScience Center Bonds pursuant to a Bond Resolution of the Corporation, (2) authorizes the execution and delivery of a Financing Agreement, a Continuing Disclosure Agreement, a Tax Compliance Agreement, an Inducement Letter and a Preliminary Official Statement in connection with the sale of such Bonds, (3) authorizes the sale of such Bonds at a negotiated sale pursuant to a Bond Purchase Agreement and authorizes the Vice President for Business and Finance to determine interest rates (not to exceed a true interest cost of 5.35%), principal amounts, principal maturities and redemption provisions of such Series 2008 Bonds, and (4) approves the preparation and use of a final Official Statement Addendum X-B-5
6. Approve the Resolution for the Whittier Building Renovation Project which (1) approves the issuance by The University of Nebraska Facilities Corporation of not to exceed \$17,000,000 principal amount of UNL Whittier Building Renovation Bonds, some or all of which may be taxable, pursuant to a Bond Resolution of the Corporation, (2) authorizes the execution and delivery of a Financing Agreement, a Continuing Disclosure Agreement, a Tax Compliance Agreement (if required), an Inducement Letter and a Preliminary Official Statement in connection with the sale of such Bonds, (3) authorizes the sale of such Bonds at a negotiated sale pursuant to a Bond Purchase Agreement and authorizes the Vice President for Business and Finance to determine interest rates (not to exceed a true interest cost of 7.0%), principal amounts, principal maturities, redemption provisions and the amount of such Bonds to be issued as taxable Bonds, and (4) approves the preparation and use of a final Official Statement Addendum X-B-6
7. Approve the exchange and conveyance of real property between the Board of Regents and WRK, LLC Addendum X-B-7
8. Approve the purchase of Water-for-Injection Storage and Distribution System Addendum X-B-8
9. Approve a Change Order to the contract for the Renovation of Abel-Sandoz Residence Halls and Dining Center project Addendum X-B-9

University of Nebraska Medical Center

10. Approve the assignment of the real estate purchase agreement with Saad Enterprise Riverfront Development Group to the University of Nebraska Foundation Addendum X-B-10

11. Approve a Ground Lease with the University of Nebraska Foundation providing for the lease by the Board of Regents of real property currently owned by Saad Enterprises Riverfront Development Group and Robert A. Stratbucker Addendum X-B-11
12. Approve an Exchange Agreement between the Omaha Public Power District (OPPD) and the University of Nebraska Medical Center and concurrently waive the requirements for public auction or sealed bid public sale Addendum X-B-12
13. Approve the selection of HDR Architecture Inc., to provide architectural design services for the construction of the Geriatric Center Addendum X-B-13

University of Nebraska at Omaha

14. Approve the architectural firm of RDG Planning & Design for design services for Health, Physical Education and Recreation (HPER) Addition and Renovation Addendum X-B-14

Additional Item – University of Nebraska Medical Center

15. Approve a budget increase in the amount of \$5,000,000 for the Michael F. Sorrell Center for Health Science Education project to construct a student plaza adjacent to the new education building on the campus of the University of Nebraska Medical Center Addendum X-B-15

C. FOR INFORMATION ONLY

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

D. REPORTS

1. Fall 2007 Tenure Density Report Addendum X-D-1
2. Programs with Tuition Variances Addendum X-D-2
3. Expedited approval of the University of Nebraska at Omaha Graduate Certificate Programs in software engineering, communication networks, artificial intelligence and systems & architecture within the graduate program of Computer Science Addendum X-D-3
4. Expedited Approval of the University of Nebraska-Lincoln Graduate Certificate Program in Teaching of Writing Addendum X-D-4
5. Changes in construction projects by budget or use categories Addendum X-D-5
6. Bids and contracts Addendum X-D-6
7. Design Report for the Animal Science Complex Renovation at the University of Nebraska-Lincoln Addendum X-D-7
8. Design Report for the Keim Hall Renovation at the University of Nebraska-Lincoln Addendum X-D-8
9. Design Report for the Jackie Gaughan Multicultural Center at the University of Nebraska-Lincoln Addendum X-D-9
10. Voluntary System of Accountability Addendum X-D-10

XI. ADDITIONAL BUSINESS

**IX. UNIVERSITY CONSENT AGENDA**

**A. ACADEMIC AFFAIRS**

1. The President's Personnel Recommendations Addendum IX-A-1

**B. BUSINESS AFFAIRS**

University of Nebraska Central Administration

1. Approve the acceptance of the audited financial statements of the University of Nebraska Addendum IX-B-1

University of Nebraska Medical Center

2. Approve naming the new Geriatric Center at the University of Nebraska Medical Center the "Home Instead Center for Successful Aging" Addendum IX-B-2

The President's Personnel Recommendations  
Meeting Date: January 18, 2008

## **University of Nebraska-Lincoln**

### Adjustments

Prem Paul, Vice Chancellor for Research and Economic Development (Special), Professor (Continuous) Department of Veterinary and Biomedical Sciences; effective 01/21/08, \$228,895 FY (includes a \$27,627 stipend), 1.00 FTE. Change title from Vice Chancellor for Research and Dean of Graduate Studies and remove title Dean of Graduate Studies.

Alan E. Steinweis, Professor (Continuous), History, Hymen Rosenberg Professor of History and Judaic Studies (Special); reappoint as Hymen Rosenberg Professor of History and Judaic Studies effective 07/01/08 to 06/30/13, \$80,015 AY (includes \$5,000 Professorship stipend), 1.00 FTE.

Ellen Weissinger, Dean for Graduate Studies (Special), Professor (Continuous) Department of Educational Psychology; effective 01/21/08, \$176,000 (includes \$16,000 stipend), 1.00 FTE. Change title from Executive Associate Dean for Graduate Studies and salary from \$160,050 (includes \$16,000 administrative stipend).

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

MEETING DATE: January 18, 2008

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

RECOMMENDED ACTION: Approve the acceptance of the audited financial statements of the University of Nebraska.

PREVIOUS ACTION: January 19, 2007 – The Board approved the acceptance of the basic financial statements of the University of Nebraska.

EXPLANATION: Approval of this item will accept the audited Basic Financial Statements of the University of Nebraska and the related report for the year ended June 30, 2007.

University of Nebraska Basic Financial Statements  
Letter of Recommendations  
Management's Response to Letter of Recommendations

These have been reviewed and accepted by the Audit Committee.

Members of the public and news media may obtain a copy of the reports in the Offices of the University Corporation Secretary or the Vice President for Business & Finance, 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  
Vice President for Business and Finance

James B. Milliken  
President

RECOMMENDED: Randy M. Ferlic, Chair  
Audit Committee

DATE: December 13, 2007

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

Business Affairs

MEETING DATE: January 18, 2008

SUBJECT: Naming of the Geriatric Center at the University of Nebraska Medical Center

RECOMMENDED ACTION: Approve naming the new Geriatric Center at the University of Nebraska Medical Center (UNMC) the "Home Instead Center for Successful Aging."

PREVIOUS ACTION: November 9, 2007 – The Board approved the program statement and budget for construction of the Geriatric Center building on the campus of the University of Nebraska Medical Center.

EXPLANATION: A gift from Home Instead Senior Care, Inc., co-founded by Paul and Lori Hogan, has been committed to support the construction of a state-of-the-art Geriatric Center at UNMC, housing innovative clinical research and teaching programs to benefit Nebraskans.

This 25,300 square foot facility will be built on 2 floors and include outpatient clinic rooms, a community outreach and public education center, a functional performance laboratory, clinical research space, and faculty and administrative office space. The new Center will be conveniently located on the northwest corner of 38<sup>th</sup> Avenue and Leavenworth Street. This generous gift will have an enduring positive impact on the senior population of all Nebraskans, the education of students and healthcare professionals that will serve all of Nebraska.

By naming the Geriatric Center in honor of Home Instead, the Board of Regents expresses on behalf of the University of Nebraska Medical Center its deepest gratitude and appreciation to the Hogan's for their continued support of the University of Nebraska.

PROJECT COST: \$10,196,000

ON-GOING FISCAL IMPACT:	Operating and Maintenance	\$ 72,659
	1% Assessment	101,960

SOURCE OF FUNDS: Private Donations

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

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

James B. Milliken  
President

DATE: December 17, 2008

## **X. UNIVERSITY ADMINISTRATIVE AGENDA**

### **A. ACADEMIC AFFAIRS**

1. Approve the Bachelor of Science in Turfgrass and Landscape Management degree at the University of Nebraska-Lincoln Addendum X-A-1
2. Approve the Center for Plant Science Innovation at the University of Nebraska-Lincoln Addendum X-A-2
3. Approve the award of Honorary Degrees and Awards [Please note: this item will be voted on after the Closed Session] Addendum X-A-3

### **B. BUSINESS AFFAIRS**

#### University of Nebraska Central Administration

1. Approve the appointment of Ron Hollins, M.D. and reappointment of Randolph M. Ferlic, M.D. to the Board of Directors of The Nebraska Medical Center effective January 1, 2008, for a term of three years Addendum X-B-1

#### University of Nebraska at Kearney

2. Approve the conveyance of real property from the Board of Regents of the University of Nebraska to Viaero Wireless Addendum X-B-2

#### University of Nebraska-Lincoln

3. Approve the Program Statement and Budget for the Animal Research Facility Renovation Addendum X-B-3
4. Approve the Resolution for the Animal Research Facility Renovation Project which (1) approves the issuance by The University of Nebraska Facilities Corporation of not to exceed \$6,000,000 principal amount of UNL Animal Research Facility Renovation Bonds pursuant to a Bond Resolution of the Corporation, (2) authorizes the execution and delivery of a Financing Agreement, a Continuing Disclosure Agreement, a Tax Compliance Agreement, an Inducement Letter and a Preliminary Official Statement in connection with the sale of such Bonds, (3) authorizes the sale of such Bonds at a negotiated sale pursuant to a Bond Purchase Agreement and authorizes the Vice President for Business and Finance to determine interest rates (not to exceed a true interest cost of 5.35%), principal amounts, principal maturities and redemption provisions of such Bonds, and (4) approves the preparation and use of a final Official Statement Addendum X-B-4
5. Approve the Resolution for the NanoScience Center Project which (1) approves the issuance by The University of Nebraska Facilities Corporation of not to exceed \$15,000,000 principal amount of UNL NanoScience Center Bonds pursuant to a Bond Resolution of the Corporation, (2) authorizes the execution and delivery of a Financing Agreement, a Continuing Disclosure Agreement, a Tax Compliance Agreement, an Inducement Letter and a Preliminary Official Statement in connection with the sale of such Bonds, (3) authorizes the sale of such Bonds at a negotiated sale pursuant to a Bond Purchase Agreement and authorizes the Vice President for Business and Finance to determine interest rates (not to exceed a true interest cost of 5.35%), principal amounts, principal



maturities and redemption provisions of such Series 2008 Bonds, and (4) approves the preparation and use of a final Official Statement Addendum X-B-5

6. Approve the Resolution for the Whittier Building Renovation Project which (1) approves the issuance by The University of Nebraska Facilities Corporation of not to exceed \$17,000,000 principal amount of UNL Whittier Building Renovation Bonds, some or all of which may be taxable, pursuant to a Bond Resolution of the Corporation, (2) authorizes the execution and delivery of a Financing Agreement, a Continuing Disclosure Agreement, a Tax Compliance Agreement (if required), an Inducement Letter and a Preliminary Official Statement in connection with the sale of such Bonds, (3) authorizes the sale of such Bonds at a negotiated sale pursuant to a Bond Purchase Agreement and authorizes the Vice President for Business and Finance to determine interest rates (not to exceed a true interest cost of 7.0%), principal amounts, principal maturities, redemption provisions and the amount of such Bonds to be issued as taxable Bonds, and (4) approves the preparation and use of a final Official Statement Addendum X-B-6
7. Approve the exchange and conveyance of real property between the Board of Regents and WRK, LLC Addendum X-B-7
8. Approve the purchase of Water-for-Injection Storage and Distribution System Addendum X-B-8
9. Approve a Change Order to the contract for the Renovation of Abel-Sandoz Residence Halls and Dining Center project Addendum X-B-9

#### University of Nebraska Medical Center

10. Approve the assignment of the real estate purchase agreement with Saad Enterprise Riverfront Development Group to the University of Nebraska Foundation Addendum X-B-10
11. Approve a Ground Lease with the University of Nebraska Foundation providing for the lease by the Board of Regents of real property currently owned by Saad Enterprises Riverfront Development Group and Robert A. Stratbucker Addendum X-B-11
12. Approve an Exchange Agreement between the Omaha Public Power District (OPPD) and the University of Nebraska Medical Center and concurrently waive the requirements for public auction or sealed bid public sale Addendum X-B-12
13. Approve the selection of HDR Architecture Inc., to provide architectural design services for the construction of the Geriatric Center Addendum X-B-13

#### University of Nebraska at Omaha

14. Approve the architectural firm of RDG Planning & Design for design services for Health, Physical Education and Recreation (HPER) Addition and Renovation Addendum X-B-14

#### Additional Item – University of Nebraska Medical Center

15. Approve a budget increase in the amount of \$5,000,000 for the Michael F. Sorrell Center for Health Science Education project to construct a student plaza adjacent to the new education building on the campus of the University of Nebraska Medical Center Addendum X-B-15

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

Academic Affairs

MEETING DATE: January 18, 2008

SUBJECT: Bachelor of Science Degree in Turfgrass and Landscape Management

RECOMMENDED ACTION: Approve the Bachelor of Science in Turfgrass and Landscape Management degree.

PREVIOUS ACTION: None

EXPLANATION: The proposed degree and curriculum will be offered by the College of Agricultural Sciences and Natural Resources' Department of Agronomy and Horticulture. If approved, the Turfgrass Science and Landscape Management Option in the Horticulture Degree Program would be discontinued. The purpose of the degree program is to provide undergraduates with education and skill based on science and design in the management of turfgrass and landscape plants in a comprehensive set of situations and pertinent business aspects related to careers in the industry. It would expand opportunities for employment within the "Green Industry."

Students would select either the Turfgrass Management or Landscape Management Option to focus on aspects distinct to their selected career path. However, students will share coursework and experiences in key courses between the two areas that will provide a broader perspective and working knowledge better preparing them for success. It is believed this proposed degree is unique among land-grant institutions across the country in that none provide this interactive aspect.

The turfgrass and landscape industries strongly support the degree program. Currently, demand for graduates far exceeds the output of students due to the continuing growth of the Green Industry. A degree program will increase the visibility and enhance the ability to market the integrated programming beyond the existing options.

Existing faculty and staff, along with operational support, will provide education and support for the degree with the redirection of a quarter-time secretary needed to develop a website and marketing materials. In addition, if enrollment grows as anticipated, there will be the need to create a Professor of Practice position to assist existing faculty with lecture and laboratory sections. Potential funding necessary of \$79,848 in FY 08 dollars will come from the redirection of existing funds.

The faculty in the Department of Agronomy and Horticulture have contributed to the development of the curriculum and unanimously support the proposed new degree program. The program has widespread campus support. The course of study for the proposed degree was approved by the College of Agricultural Sciences and Natural Resources Departmental Curriculum Committee, the UNL Academic Planning Committee, campus administration, and the Council of Academic Officers.

PROGRAM COST: \$79,848 as measured in FY 2007-2008 dollars

SOURCE OF FUNDS: Redirection of existing funds

SPONSOR: John C. Owens  
Vice President for Agriculture & Natural Resources  
IANR Harlan Vice Chancellor

RECOMMENDED: Harvey Perlman  
Chancellor, University of Nebraska-Lincoln

DATE: December 14, 2007

## Turfgrass and Landscape Management Degree Program

### I. DESCRIPTIVE INFORMATION

#### **Institution Proposing**

##### **The Program:**

The University of Nebraska-Lincoln

##### **Program Name:**

Degree Program in Turfgrass and Landscape Management

##### **Degree to Be Awarded:**

Bachelor of Science in Turfgrass and Landscape Management  
(College of Agricultural Sciences and Natural Resources)

#### **Other Programs Offered in this Field by this Institution:**

Currently, the programs closest to the proposed Turfgrass and Landscape Management Degree Program are the Turfgrass Science and Landscape Management Options in the Horticulture Degree Program, but these options do not integrate the disciplines involved in this proposed degree program. With the advent of this degree program, the Turfgrass Science and Landscape Management Options in the Horticulture Degree Program would no longer exist.

**CIP Code:** 01.0605- Landscaping and Groundskeeping

#### **Administrative Units for the Program:**

College of Agricultural Sciences and Natural Resources  
Department of Agronomy and Horticulture

**Proposed Delivery Site:** University of Nebraska-Lincoln campus and internship sites

**Proposed date (term/year) the Program will be initiated:** Second Semester 2008

**Date Approved by Governing Board:** TBA

#### **Description and Purpose of the Proposed Program:**

The purpose of the proposed degree program is to provide undergraduates with education and skills based on science and design in the management of turfgrass and landscape plants in a comprehensive set of situations, and pertinent business aspects related to careers in the industry. The degree program will thus expand opportunities for employment within the Green Industry. Turfgrass and landscape plants and their management are closely related and highly interactive in urban, suburban, and rural environments. At present, students employed after completing an education in either turfgrass or landscape management, but not both, often find themselves lacking in knowledge and/or skills critical to the other field. In this degree program students will be sharing coursework and experiences in key courses that will give them a broader

perspective and working knowledge for greater success in their chosen careers. Students in this degree program will select either the Turfgrass Management or Landscape Management Option, allowing them to focus on important aspects that are distinct to their selected career path.

To our knowledge this proposed degree program is unique among land grant institutions across the country. There are other institutions that offer degree programs in either turfgrass management or landscape management, but they do not offer the interactive aspects that make this degree program distinctive and unique. Because the turfgrass and landscape management industries are becoming increasingly interrelated, offering a degree program that prepares students for this cooperative and interactive environment responds favorably to current trends in the Green Industry and prepares students for continuing growth in these careers. The turfgrass and landscape industries strongly support this degree program (i.e. See attached letters of support), since it will provide well-educated graduates for employment in a field with increasing demand for qualified individuals. Upon graduation, students will be prepared to work as superintendents, managers, directors, producers, technical representatives, salespersons, educators and entrepreneurs in the turfgrass and landscape management industries. Positions are and will continue to be available in such public sector venues as parks, golf courses, schools, universities, city planning departments, and state departments of roads. Private career opportunities include commercial developments and office parks, residential communities, botanical gardens and arboreta, and individual estates.

Currently, the demand for graduates by the Green Industry far exceeds our current output of students. This is due, in part, to the continuing growth of the Green Industry, a stronger and increasing focus on 'green buildings' and sustainable landscapes, and a lack of awareness on the part of potential students concerning career path opportunities in this industry. We place students locally, nationally, and internationally, and the majority of our spring graduates are employed with a company of their choice at the beginning of the spring semester, forcing many good companies to seek graduates from other states. Creating a Turfgrass and Landscape Management Degree Program would increase the visibility of this broad career field, and enhance our ability to market the integrated programming beyond the specificity of the existing options, appealing to today's youth as an easily accessible and readily understandable 'Google' key phrase, rather than forcing potential students to dig deeper into options within the currently available Horticulture Degree Program. Furthermore, because of the direct positive impact of this degree program on the Green Industry, we expect an increase in their already enthusiastic support.

**Structure and Operation:**

This degree program will be directed by faculty members in Agronomy and Horticulture. This faculty includes: Roch Gaussoin, Professor; Garald Horst, Professor; Kim Todd, Assistant Professor; and Bob Shearman, Professor. Undergraduate advising in this degree program will be provided by teaching faculty who are directly involved in turfgrass and landscape management. It is important that advisers recognize the

inherent flexibility designed into this degree program, to tailor students' programs to meet individual career needs and professional goals. Administrative oversight of this program will be provided by Dr. Mark Lagrimini, Professor and Head, Agronomy and Horticulture; and Dean Steve Waller, College of Agricultural Sciences and Natural Resources.

This degree program is projected to increase student enrollment. This growth in student numbers may cause burdens on other basic courses, such as English and chemistry. Being aware of this potential impact on other courses will be a part of the process as interest in this degree program grows.

**Proposed Curriculum:**

The following proposed curriculum has been reviewed by the Agronomy and Horticulture Department Curriculum Committee, and has received input from members of the turfgrass and landscape management industries. Courses specific to this degree program will be identified with a four letter prefix identifying the Turfgrass and Landscape Management (TLMT) Degree Program, and existing courses that are particularly relevant to the degree program will be identified through cross-listing. The degree program will offer two options, Turfgrass Management and Landscape Management.

**Curriculum for Turfgrass and Landscape Management Degree Program  
College of Agricultural Sciences and Natural Resources**

The following basic courses are required for the Turfgrass and Landscape Management Degree Program. Students in the degree program must also select and meet the additional requirements of one of the options, depending on their particular interests and needs.

**COLLEGE REQUIREMENTS**

**College Integrative Courses ..... (6 hr)**

AGRI 103                      Food, Agric. & Nat. Resources                      3

*Select from one of the following courses:*

TLMT 427<sup>a</sup>                      Critical Thinking in Turfgrass Management                      3

TLMT 470<sup>b</sup>                      Critical Thinking in Landscape Management                      3

<sup>a</sup> *Capstone Course Required for the Turfgrass Management Option*

<sup>b</sup> *Capstone Course Required for the Landscape Management Option*

**Mathematics and Analytical Skills (Included in CASNR and Degree Program requirements- Five credit hours beyond College Algebra) ..... (5 hr)**

*Select 5-cr From:*

MATH 102                      Trigonometry                      2

MATH 106                      Analytical Geometry & Calculus                      5

STAT 218                      Introduction to Statistics                      3

**Communications ..... (6 hr)**

Select 3-cr from each of the following areas:

Written Communications:

ENGL 150	Writing: Rhetoric as Inquiry	3
ENGL 151	Writing: Rhetoric as Argument	3
ENGL 254	Rhetorical Pract. & Writing Communities	3
JGEN 120	Basic Business Communications	3
JGEN 200	Technical Communications I	3
JGEN 300	Technical Communications II	3

Communications & Interpersonal Skills:

COMM 109	Fundamentals of Human Communications	3
COMM 209	Public Speaking	3
COMM 212	Debate	3
COMM 311	Business & Professional Communications	3
ALEC 102	Interpersonal Skills For Leadership	3

**Natural Sciences ..... (12 hr)**

CHEM 105	Chemistry in Context I	4
CHEM 106	Chemistry in Context II	4
MSYM 109	Physical Principles in Agriculture	4

Students interested in advanced studies beyond the B.S. degree are encouraged to take CHEM 109 and CHEM 110. Students may substitute PHYS 141, PHYS 151, or PHYS 211 for MSYM 109.

Note: Students will be individually advised to choose the required courses and additional courses most beneficial to their career path.

**Humanities and Social Sciences (Requirements for ES & IS) ..... (18 hr)**

ECON 211	Macroeconomics	- or -	3
ECON 212	Microeconomics	- or -	
AECN 141	Agricultural Economics		

**Essential Studies (ES)-** Select one 3-cr course in each of the following areas

Human Behavior, Culture & Social Organization	3
Historical Studies	3
Humanities	3
Arts	3
Race, Ethnicity & Gender	3

Note: One 3-credit course with an international focus is to be selected from the lists under "International Agriculture and Natural Resources Minor" in the Undergraduate Bulletin.

## TLMT DEGREE REQUIREMENTS

### Core Courses ..... (18 hr)

BIOS 109	General Botany	4
AGRO 131	Plant Science	3
AGRO 132	Plant Science Lab	1
AGRO 153	Soil Resources	4
TLMT 227 <sup>c</sup>	Introduction to Turfgrass Management	3
TLMT 228	Introduction to Landscape Management	3

<sup>c</sup> Crosslisted as HORT/AGRO/PGMP 227

### Leadership and Professional Skills ..... (5 hr)

ALEC 102 <sup>d</sup>	Interpersonal Skills for Leadership	3
TLMT 395 or TLMT 295 <sup>e</sup>	Career Experience or Extended Internship	2-5

<sup>d</sup> Also meets CASNR requirement for Communications and interpersonal Skills

<sup>e</sup> A minimum of 2 cr required; up to 5 cr may be taken

### Plant Identification and Utilization ..... (6 hr)

(Select a minimum of 6-cr from the following courses)

HORT 212	Landscape Plants I	3
HORT 213	Landscape Plants II	3
HORT 214	Herbaceous Landscape Plants	3

### Plant Growth and Development ..... (6 hr)

(Select a minimum of 6-cr from the following courses)

HORT 221	Plant Propagation	3
AGRO 315	Genetics	3
AGRO 325	Introductory Plant Physiology	3

## TURFGRASS MANAGEMENT OPTION

### Option Requirements ..... 46 hr

(The following courses are required for the option) ..... (9 hr)

TLMT 327	Turfgrass Science and Management	3
TLMT 230 <sup>f</sup>	Turfgrass Equipment	1
TLMT 480 <sup>f</sup>	Modified Rootzones	1
TLMT 410	Turfgrass and Landscape Weed Management	1
TLMT 420 <sup>f</sup>	Turfgrass and Landscape Insect Management	1
TLMT 430 <sup>f</sup>	Turfgrass & Landscape Disease Management	1
TLMT 440 <sup>f</sup>	Turfgrass & Landscape Integrated Pest Management	1



<sup>f</sup> Block courses with 1-cr covered in five weeks

**Pests and Environment ..... (12 hr)**

*(Select a minimum of 12-cr from the following courses for this option)*

ENTO 115	Insect Biology	3
ENTO 116	Insect Identification	1
AGRO 220	Principles of Weed Science	3
AGRO 269	Principles of Soils Management	3
ENTO 303	Horticultural Insects	3
TLMT 326	Landscape Solutions	3
AGRO 366	Soil Nutrient Relationships	4
PLPT 369	Introduction to Plant Pathology	3
HORT 452	Irrigation Systems Management	3
HORT 470	Critical Thinking in Landscape Management	3
NRES 208	Applied Climate Sciences	3
ENTO 300	Toxins in the Environment	2
NRES 348	Wildlife Damage Management	3

**Business and Personnel Management ..... (12 hr)**

*(Select a minimum of 12-cr from the following courses for this option )*

BSAD 150	Business Computer Application	3
ACCT 201	Introductory Accounting I	3
ACCT 202	Introductory Accounting II	3
ACCT 306	Survey of Accounting	4
ECON 211	Principles of Macroeconomics	3
ECON 212	Principles of Microeconomics	3
MNGT 320	Principles of Management	3
MNGT 361	Personnel/Human Resource Management	3
FINA 361	Finance	3
MRKT 341	Marketing	3
HORT 488	Business Management for Horticultural Enterprises	3

**Free Electives ..... (13 hr)**

**Total Credit Hours Required for Graduation ..... 128 hr**

**LANDSCAPE MANAGEMENT OPTION**

**Option Requirements ..... (46 hr )**

*(The following courses are required for the option) ..... (13 hr)*

TLMT 326	Landscape Solutions	3
TLMT 231 <sup>f</sup>	Landscape Equipment	1
TLMT 480 <sup>f</sup>	Modified Rootzones	1

TLMT 330 <sup>f</sup>	Pruning Ornamentals	1
TLMT 410	Turfgrass and Landscape Weed Management	1
TLMT 420 <sup>f</sup>	Turfgrass and Landscape Insect Management	1
TLMT 430 <sup>f</sup>	Turfgrass and Landscape Disease Management	1
TLMT 440 <sup>f</sup>	Turfgrass and Landscape Integrated Pest Management	1
HORT 488	Business Management for Horticultural Enterprises	3

<sup>f</sup> Block course with 1-cr covered in five weeks

**Pests and Environment ..... (9 hr)**

*(Select a minimum of 9-cr from the following courses for this option)*

ENTO 115	Insect Biology	3
ENTO 116	Insect Identification	1
AGRO 220	Principles of Weed Science	3
AGRO 269	Principles of Soils Management	3
ENTO 303	Horticultural Insects	3
TLMT 327	Turfgrass Science and Management	3
AGRO 366	Soil Nutrient Relationships	4
PLPT 369	Introduction to Plant Pathology	3
TLMT 427	Critical Thinking in Turfgrass Management	3
HORT 452	Irrigation Systems Management	3
NRES 208	Applied Climate Sciences	3
ENTO 300	Toxins in the Environment	2
NRES 348	Wildlife Damage Management	3

**Business and Personnel Management ..... (12 hr)**

*(Select a minimum of 12-cr from the following courses )*

BSAD 150	Business Computer Application	3
ACCT 201	Introductory Accounting I	3
ACCT 202	Introductory Accounting II	3
ACCT 306	Survey of Accounting	4
ECON 211	Principles of Macroeconomics	3
ECON 212	Principles of Microeconomics	3
MNGT 320	Principles of Management	3
MNGT 361	Personnel/Human Resource Mgt.	3
FINA 361	Finance	3
MRKT 341	Marketing	3
HORT 362	Nursery Management	3

<b>Free Electives</b> .....	<b>(12 hr)</b>
<b>Total Credit Hours Required for Graduation</b> .....	<b>128 hr</b>

**II. REVIEW CRITERIA**

**A. Centrality to Role and Mission**

The Morrill Act of 1862 initiated the land-grant colleges, resulting in the establishment of the University of Nebraska to carry out formal instruction relating to agriculture, mechanical arts and military science, but not to the exclusion of other subjects. A primary goal of the institution is to meet the needs of the state through education, research and outreach. The highest priority of the University of Nebraska-Lincoln is undergraduate education. The Nebraska Legislature through LB 149 in 1973 designated the Institute of Agriculture and Natural Resources through its College of Agriculture to be responsible for instruction, research and service in agriculture, natural resources and related subjects and awarding the B.S., M.S. and Ph.D. degrees in these areas. The overall goal of program is to prepare students for productive careers in the various phases of the turfgrass and landscape management industries, and to be productive and responsible citizens in society. The letters of support attached to this document indicate the enthusiasm of the turfgrass and landscape management industry for a program that would supply their critical needs with well-educated employees who could effectively compete in an industry with strong evidence of continuing growth and development.

**B. Evidence of Need and Demand**

**1. Need for the Program**

The Turfgrass and Landscape Management Degree Program will be designed for students who want to study and work with turfgrass and ornamental plants in highly managed systems. We envision that students in this degree program will pursue careers in turfgrass and landscape management for public, private, and commercial venues. Upon graduation, students will be prepared to work as superintendents, managers, directors, producers, technical representatives, salespersons, educators and entrepreneurs in turfgrass and landscape management industries. The turfgrass and landscape management program can be tailored to meet individual student career and professional goals by offering a wide selection of courses and electives.

The Green Industry is the fastest growing portion of the agricultural industry, leading to excellent employment opportunities for graduates in this field. Currently, industry requests for interns and graduates far exceed the number of students available in our program. Economic indicators support continued growth and employment opportunities in the future for the green industry.

Graduates may become:

- Golf course superintendents
- Sports field managers
- Lawn care service operators
- Parks and grounds managers
- Botanical garden and arboreta directors or managers
- Landscape management contractors
- Landscape management service providers
- Sod and ornamental landscape plant producers
- Sales representatives
- Technical representatives
- Educators or consultants
- Estate managers

As previously mentioned, no other land grant university offers a degree program that combines turfgrass and landscape management. Certainly, there are successful turfgrass management and landscape management programs at a number of institutions across the country, but none of these offer the unique opportunity for students to be cross-trained in both areas of the Green Industry through a combined degree program.

## **2. Current Demand for the Program**

We estimate that there are 15 to 25 students per year currently enrolled at UNL who would be drawn to this degree program, and an additional 45 to 60 students who would matriculate to this degree program from the state and region based on their interest in its subject matter and unique course offerings. Marketing this new program locally, regionally, and nationally will be key to its success. Industry representatives, who have reviewed this degree program, have indicated strong support for it, and potential employee participation in it. They believe it fills a need for educating individuals who would readily find employment in the Green Industry, which is currently experiencing rapid growth and development, and a shortage of skilled and educated workers. Economic indicators predict continued expansion and employment opportunities for the Green Industry.

In the current climate of intense national competition for undergraduate student enrollment, we believe it is critically important to create a visible and easily searchable Turfgrass and Landscape Management Degree Program, rather than shielding it as an option under another degree program. Recently, Kansas State University, Michigan State University, Purdue University, Ohio State University, North Dakota State University and North Carolina State University doubled their student numbers by changing their turfgrass management options to degree programs. These institutions reasoned that their success in recruiting students to their turfgrass management programs was based on students finding and identifying with the degree program more easily than the option, and the degree program stimulated greater interest and support from the industry. We believe

that this would be true for the Turfgrass and Landscape Management Degree Program at the University of Nebraska-Lincoln.

### **3. Anticipated Demand for the Program**

None of the universities in states surrounding Nebraska (Colorado, Iowa, Kansas, Missouri, South Dakota, or Wyoming) offer Turfgrass and Landscape Management as a degree program, nor do their programs offer courses that integrate management practices and environmental issues for the interrelated fields of turfgrass and landscape management. This situation creates a unique opportunity for UNL to address an industry need by providing an education program for qualified, well-educated employees within the region. This program could become a premier program in the Great Plains. We believe this degree program would easily attract 60 to 80 students within the next few years.

## **C. Adequacy of Resources**

### **1. Faculty and Staff Resources**

Existing faculty and staff will provide education and support for this degree program. Reallocation of a 0.25 FTE secretarial position will be needed. Support will be needed to develop a website and promotional materials, and to cover mailing costs for promotional materials. Updating the website will be included as a responsibility of the 0.25 FTE secretarial position. It is anticipated that an Assistant Professor of Practice position will be needed to address additional lecture and laboratory demands of certain courses in this curriculum. If this position were to be created, it is assumed that support would come from reallocation of existing funds within the Agronomy & Horticulture Department (Section 4 Budget Projections).

### **2. Physical Facilities**

Office space for the secretarial position, a bulletin board, and storage for promotional materials will be needed. Funds for additional promotional materials will depend on the success of recruiting new students into this degree program.

Students enrolled in this degree program will mainly take courses currently offered at UNL. UNL presently has adequate infrastructure (classroom, conference and office space, field space, computer access, etc.) to support this proposed degree program. Students will participate in internships throughout North America with possible placement in other locations such as Australia, New Zealand, Europe and South America.

### **3. Instructional Equipment and Informational Resources**

No additional instructional or library resources will be needed to accommodate student needs in the proposed degree program.

**4. Budget Projections (Table 1, Table 2)**

**TABLE 1: PROJECTED INCREMENTAL PROGRAM EXPENSES**

STAFF	(FY 08) Year 1		(FY 09) Year 2		(FY 10) Year 3		(FY 11) Year 4		(FY 12) Year 5	
	FTE	Cost	FTE	Cost	FTE	Cost	FTE	Cost	FTE	Cost
Staffing: <sup>1</sup>										
Additional Faculty	1.0	\$66748		0		0		0		0
Additional Non-Teaching Staff Administrative										
Professional TA/RA										
Support Staff	0.25	\$9600		0		0		0		0
Sub-Total of Personnel Expenses	1.25	\$76348		0	1	0	0	0		0
Incremental Program Budget: General Operating Expenses <sup>2</sup>		\$2000		\$2000		0		0		0
Equipment <sup>3</sup>		0		0		0		0		0
Facilities		0		0		0		0		0
Additional Library Resources		0		0		0		0		0
Additional Other Expenses Marketing		\$1500		0		0		0		0
Sub-Total of Program Budget		\$3500		0		0		0		0
Total Proposed Program Expenses		\$79848		\$2000		0		0		0

<sup>1</sup>All position figures include 28% benefits. Faculty positions include reallocation of existing funds to hire a non-tenure track Assistant Professor of Practice in FY08.

<sup>2</sup>General operating expenses include telecommunications, office supplies, software, postage, copy charges, employee training, web page development and maintenance, recruiting documents and marketing needs.

<sup>3</sup>Equipment: One new computer each year on a rotating basis for the faculty and staff involved in the program.

**TABLE 2: REVENUE SOURCES FOR PROJECTED INCREMENTAL EXPENSES**

REVENUE	(FY 08) Year 1	(FY 09) Year 2	(FY 10) Year 3	(FY 11) Year 4	(FY 12) Year 5
<i>REALLOCATION OF EXISTING FUNDS<sup>1</sup></i>	\$7848	\$2000			
<i>REQUIRED NEW PUBLIC FUNDS<sup>2</sup></i>					
1. STATE FUNDS					
2. LOCAL FUNDS					
<i>TUITION AND FEES REVENUES<sup>3</sup></i>	\$72000				
<i>OTHER FUNDING<sup>4</sup></i>					
1.					
2.					
3.					
4.					
5.					
*TOTAL REVENUE	\$79848	\$2000			

\*Total Revenue should match the total expenses projected on Table 1.

<sup>1</sup>Existing funds minus Tuition Revenues

<sup>2</sup>Assumptions:

- Current tuition rate of \$160/cr hr resident, and \$475/cr hr non-resident plus fees are used in all years.
- Numbers of degree programs are split roughly as 90% resident and 10% non-resident taking 30 credit hours/year: FY 08-15 (resident only); FY09-30, FY10-35; FY11-40; and FY12-60.

**D. Avoidance of Unnecessary Duplication**

This proposed program does not duplicate any existing programs within the UNL system, nor does it duplicate any other program within the surrounding region.

**E. Consistency with the Comprehensive Statewide Plan for Postsecondary Education**

This proposed degree program is consistent with and meets the statewide plan for Postsecondary Education in that it will provide graduates with the skills, knowledge and internship experiences to meet the evolving and new career opportunities that are now rapidly becoming available for the Green Industry in Nebraska and the surrounding region.



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

MEETING DATE: January 18, 2008

SUBJECT: Center for Plant Science Innovation

RECOMMENDED ACTION: Approve the Center for Plant Science Innovation.

PREVIOUS ACTION: None

EXPLANATION: In 1999, the UNL campus established the Plant Science Initiative, which was aimed at strengthening basic plant science research activity in support of Nebraska's agricultural industry. PSI currently involves 14 faculty and has led to increased federal funding, a plant science curriculum and major, and active student recruitment activities. To propel the plant science program to national prominence, the campus seeks to institutionalize the initiative by establishing the Center for Plant Science Innovation.

The Center has widespread campus support including the Institute of Agriculture and Natural Resources, Academic Affairs, and the Office of Research, as well as the UNL Academic Planning Committee, campus administration, and the Council of Academic Officers.

PROGRAM COST: No additional resources needed to support the proposed Center.

SOURCE OF FUNDS: Not applicable.

SPONSORS: John C. Owens  
Vice President for Agriculture & Natural Resources  
IANR Harlan Vice Chancellor

Barbara A. Couture  
Senior Vice Chancellor for Academic Affairs

Prem S. Paul  
Vice Chancellor for Research and Dean, Graduate Studies

RECOMMENDED: Harvey Perlman  
Chancellor, University of Nebraska-Lincoln

DATE: December 14, 2007

## **Center for Plant Science Innovation**

**Name of the Institution:** University of Nebraska-Lincoln

**Name of the Programs Involved:** Plant Science Initiative

**Other Programs Offered in this field by this Institution:** None

**Administrative Units for the Center:**

Agricultural Research Division  
College of Agricultural Sciences and Natural Resources  
College of Arts and Sciences

**Date Approved by Governing Board:** TBA

**Proposed Date the Center will be initiated:** Upon approval

### **1. Purpose and Context for the Center**

In 1999, the UNL campus established the Plant Science Initiative (PSI), which was aimed at strengthening basic plant science research activity in support of Nebraska's agricultural industry. This program emerged with immediate and strong momentum. Five years after PSI's inception, an external review team acknowledged this momentum and recommended "that PSI evolve into a Center for Plant Science Innovation" (2006 PSI Review Team Report).

PSI currently involves 14 faculty and has led to increased federal research funding, a plant science curriculum and major, and active student recruitment activities. It focuses on biotechnology and seeks to harness fundamental genomics and molecular biology research discoveries and apply them to agricultural problems of the State and surrounding regions. To exploit the renewed vigor in plant research and further propel the plant science program to national prominence, the proposed Center seeks to institutionalize this effort in the form of the Center for Plant Science Innovation (CPSI).

The long-term goal of the CPSI is to become a nationally-recognized center of excellence in agricultural biotechnology research. The objectives of the Center are to: i) conduct basic research to understand fundamental aspects of plant gene regulation and genome maintenance, plant abiotic and biotic defense responses and plant metabolic biochemistry, and to apply these insights to address Nebraska's agricultural concerns, ii) to create a research environment that will stimulate research innovation and foster training of a new generation of researchers with the ability to integrate fundamental knowledge with practical application to solve emerging agricultural challenges nationally and internationally, and iii) to enhance the international prominence of UNL in plant science research, graduate and undergraduate student education, and development of new agricultural innovations.

The CPSI will meet these goals by the focused recruitment and integration of excellent faculty into a collaborative and strong mentoring research environment that is equipped with state-of-the-art core support facilities. The CPSI will foster collaborative research and grantsmanship activities, active recruiting and training of graduate and undergraduate students, enhancement of the UNL plant science curriculum, and support of agricultural biotechnology.

## **2. Need and Demand for the Center**

The primary economic base of the state of Nebraska is agriculture evidenced by a 2002 study by the Nebraska Policy Institute which reported that 31% of the state's total employment was in agribusiness. Today, Nebraska crop production faces many challenges, with dramatic variations in weather and rainfall each year, as well as emerging U.S. bioenergy demands. At no time in Nebraska's history has plant science research been more important to the future of the agricultural industry of the state. The changing face of crop production will require a well-integrated research effort poised to capture the newest research advancements and technologies. Establishment of CPSI provides a framework within which to integrate and refocus collaborative plant science research and enhance opportunities for innovation. In terms of research, CPSI faculty have already met the challenge of research innovation with the recent licensing of Dicamba herbicide-resistant crops by Professors Weeks and Clemente, the development of strategies to induce male sterility in crops by Professor Mackenzie, and the development of novel soybean traits by Professor Clemente. The educational mission of CPSI extends to graduate students, undergraduate students, and the state's agricultural sector alike, which is crucial in an era when scientific developments emerge quite rapidly in a highly technical environment. Without an aggressive and integrated effort in agricultural biotechnology research, Nebraska risks falling behind at the time when the U.S. agricultural sector is called upon to plan an ever more important role in sustainability of the world's food supply, production of U.S. energy and control of the earth's carbon flux.

## **3. Adequacy of Resources**

The goals and purpose of the CPSI are closely aligned with those of the University described in *A 2020 Vision: The Future of Research and Graduate Education at UNL*. Emphasis will be placed on recruiting high caliber, well-trained plant science faculty, enhancing the caliber of graduate student trainees, broadening and strengthening the plant science curriculum at the graduate and undergraduate levels, and creating a research environment competitive for federal funding opportunities. At present, the PSI includes two U.S. National Academy of Science members and vigorous federal grantsmanship activity by all PSI members. The CPSI also seeks to provide leadership in building community among the various plant science research entities on the UNL East and City campuses by sponsoring a biannual regional plant science symposia and campus-wide plant science retreats. To enhance the research infrastructure for cutting edge plant science research PSI offers the opportunity to more effectively compete for funds that help bring state-of-the-art instrumentation to the campus. For example, PSI members provided leadership for the past three NSF-EPSCoR grants, totaling \$24 million over 9 years, awarded to help Nebraska build infrastructure and faculty in key research growth

areas. However, no new funds are requested at this time to transition the PSI to the CPSI. (see Tables 1 and 2). In the future, the CPSI will work with deans and departments to establish Memoranda of Understanding to include such things as, e.g., faculty, salary, and apportionment; to accommodate new faculty hires to be affiliated with the Center. Funds from private sources will also be raised in cooperation with the University of Nebraska Foundation for professorships and program support.

The PSI is comprised of faculty members that reside within four different academic departments in the College of Arts and Sciences and through the Institute of Agriculture and Natural Resources and its College of Agricultural Sciences and Natural Resources and Agricultural Research Division. The interdepartmental, interdisciplinary nature of the CPSI is an important element to enhancing a collaborative spirit in the life sciences on the UNL campus. This collaboration builds research synergies and provides support to junior scientists as they launch their programs.

The long-term goal of CPSI is to create a research environment conducive to the integration of fundamental, cutting-edge plant biology research to applied biotechnology and agricultural innovation. CPSI hopes to gain national prominence through the successful implementation of this vision, and to impact Nebraska agricultural productivity and the caliber of Nebraska agricultural scientists. However, CPSI also plans to build interdisciplinary strengths, involving strong collaborative linkages with engineering, computational biology and mathematical modeling. These efforts will first be implemented in plant epigenetics research.

#### **4. Organizational Structure and Administration**

The CPSI organizational structure will consist of a Director who oversees administrative details of the Center and a spectrum of senior to junior scientists. The CPSI Director reports to the Deans of the Agricultural Research Division, College of Agricultural Sciences and Natural Resources, Dean of College of Arts and Sciences, and the Associate Vice Chancellor for Research (Lifesciences). The review team referenced earlier in this proposal strongly recommended that Dr. Sally Mackenzie who currently serves as the PSI Program Leader, assume the role of Center Director. “Once the CPSI has been firmly established under her leadership, we can envision, perhaps within 3-5 years, a change in leadership and perhaps a mechanism for rotating leadership that draws upon the talents of its core faculty” (2006 PSI Review Team Report).

Regular meetings called by the Director permit all faculty members to participate in decisions affecting the Center, and routine interactions and research collaborations permit effective mentoring of junior faculty by senior scientists.

**Faculty enhancement** occurs through targeted recruitment of high caliber researchers and technical personnel. The recruitment of the first faculty to PSI established a core structure into which we will continue to build, with several new hires planned and the goal of reaching a faculty of 20 in five or more years. At the present, 9 faculty (or 7.15 FTE) have some or all of their salary funded through PSI and will continue with the CPSI once it is approved (see Table 3). Additionally, five faculty are affiliated with PSI,

although they receive no salary funding through the PSI. These affiliations will continue with approval of the CPSI.

**Stimulation of CPSI research innovation** involves the allocation of recurrent support to faculty programs to motivate creative research with relevance to Nebraska agriculture. As a supplement to federal grants, this support is designed to stimulate the translation of laboratory discoveries to applications in the field.

**Development of CPSI programs** includes the enhancement of research infrastructure and graduate training through collaborative grants to acquire advanced instrumentation and graduate traineeship support. Programs involve implementation of a vigorous plant science graduate training effort, establishment of an undergraduate plant science summer laboratory experience, development of a seminar series, a biannual symposium and a biannual CPSI retreat. Several of these programs are in place, with the first symposium on Crop Metabolic Engineering announced for October, 2007, and the first graduate training grant awarded in 2007 by USDA to initiate training in Molecular Plant Breeding.

**Co-location of CPSI faculty.** Co-location of all Center faculty within the same building is valuable, but probably not realistic at this time. Nevertheless, the goal is to locate the majority of the CPSI faculty within the George W. Beadle Center for Genetics Research. The development of the new Ken Morrison Life Sciences Research Center on East Campus should result in availability of additional space in Beadle that may permit a majority of CPSI faculty to be together. To enhance a collaborative spirit within the Center, bimonthly faculty meetings will continue to be held, and monthly CPSI group research meetings followed by an informal dinner to promote interaction will also continue.

The Center's organization is designed to permit participation by all members in the direction and decisions of the Center, but with primary leadership provided by the Center Director, Dr. Sally Mackenzie (Professor, Department of Agronomy and Horticulture). Regularly bi-monthly faculty meetings and monthly group meetings encourage effective faculty interactions. A 9- to 10-member Center Advisory Committee with rotating appointment terms of three year duration is planned, and meetings will be held annually. This committee will be comprised of internal members, including department heads of all relevant departments, three external academic advisors, comprised of nationally-recognized plant science researchers with expertise in areas relevant to CPSI, and two external industry advisors with expertise in agricultural biotechnology. This committee will evaluate the progress of the Center in securing funding, mentoring junior faculty, and implementing Center goals. Individual Project Leaders are responsible for mentoring graduate students and undergraduate summer trainees, and overseeing research progress at weekly laboratory meetings. All CPSI faculty members are evaluated annually by the Center Director and the respective Department Head. The CPSI evaluation will be supplied in writing to the Department Head and Dean as a part of the faculty member's file. Promotion and tenure recommendations will be reached by faculty vote of tenured faculty with partial appointments in CPSI, and will occur separately from the faculty vote held within the tenure home department. The CPSI vote outcome and summary

recommendation will be provided in writing to the tenure home department and will be included in the promotion and tenure dossier. This input will be advisory to the academic departments and will pertain only to CPSI faculty holding a formal, partial appointment in CPSI. The Center is supported administratively by the Beadle Business Center with its associated secretarial, human resources and financial staff.

## **5. Partnerships with Business**

CPSI has established one of the country's most sophisticated public crop transformation enterprises, with capabilities to transform virtually all major U.S. agricultural crops and carry the research through to large-scale field testing. This capability is invaluable for student training and for opportunities in agricultural biotechnology research. This type of innovative research and with direct application to the agricultural or pharmaceutical industry, resulting in patent activity, is generally not considered appropriate for federal grant support and must be carried out "in-house" until proof of concept is achieved. The concept for a Center for Plant Science Innovation is founded on the premise that innovative, cutting-edge agricultural biotechnology research can be carried out at a major State university setting direct transferability to the State's agricultural sector. UNL's best opportunity for such State-relevant innovation research, with its attendant royalty returns, lies within the Center being proposed. This is evidenced by recent success in the licensing agreement for Dicamba resistance in crops. Other traits being released from CPSI investigators are part of presently ongoing negotiations with industry.

## **6. Collaborations with Higher Education Institutions External to the University**

CPSI faculty are nationally and internationally recognized for their expertise and have numerous ongoing collaborations with a variety of national and international higher education institutions. Current collaborations include Cornell University, Iowa State University, University of Maryland, University of Missouri, University of North Carolina-Charlotte, and Yale University. The ability of the Plant Transformation Center to transform virtually all major U.S. crops and carry the research through to large-scale field testing provides additional avenues to interact and collaborate with researchers at other national and international institutions.

## **7. Constituencies to be Served**

The research and teaching originating from CPSI will impact both internal and external constituencies. Internal constituencies impacted include undergraduate and graduate students, and faculty who will gain from the basic research breakthroughs and their applications to Nebraska's agriculture, the CPSI research environment that will stimulate additional innovation on campus and, the enhancement of international prominence of UNL as a plant science leader. External constituencies (agricultural industries, agribusinesses, and producers) will also benefit from the technology transfer related to CPSI research.

## **8. Anticipated Outcomes, Significance, and Specific Measures of Success**

As referenced earlier in the proposal, the long-term goal of the CPSI is to become a nationally-recognized center of excellence in agricultural biotechnology research. The objectives of the Center are to: i) conduct basic research to understand fundamental

aspects of plant gene regulation and genome maintenance, plant abiotic and biotic defense responses and plant metabolic biochemistry, and to apply these insights to address Nebraska's agricultural concerns, ii) to create a research environment that will stimulate research innovation and foster training of a new generation of researchers with the ability to integrate fundamental knowledge with practical application to solve emerging agricultural challenges nationally and internationally, and iii) to enhance the international prominence of UNL in plant science research, graduate and undergraduate student education, and development of new agricultural innovations.

#### **9. Centrality to Role and Mission of the Institution**

Establishing the CPSI is congruent with the Comprehensive Plan for Post-Secondary Education and could be viewed as an example of some of the visionary goals detailed in Chapters 3 and 4. The CPSI capitalizes on UNL's prominence in agriculture and ensures future prominence in plant-related research and teaching. This Center will generate high quality, innovative and relevant research in the plant sciences that has the potential to positively impact the local, state and national economies. The Center will also prepare talented plant scientists capable of guiding and embracing the challenging future for plants and agriculture.

TABLE 1: PROJECTED INCREMENTAL PROGRAM EXPENSES

STAFF	(FY 07-08) Year 1		(FY 08-09) Year 2		(FY 09-10) Year 3		(FY 10-11) Year 4		(FY 11-12) Year 5	
	FTE	Cost	FTE	Cost	FTE	Cost	FTE	Cost	FTE	Cost
Staffing: Additional Faculty										
Additional Non-Teaching Staff Administrative										
Professional										
Support										
Sub-Total of Personnel Expenses										
Incremental Program Budget: General Operating Expenses										
Equipment										
Facilities										
Additional Library Resources										
Additional Other Expenses										
Sub-Total of Program Budget										
Total Proposed Program Expenses	0		0		0		0		0	



TABLE 2: REVENUE SOURCES FOR PROJECTED INCREMENTAL EXPENSES

REVENUE	(FY 07-08) Year 1	(FY 08-09) Year 2	(FY 09-10) Year 3	(FY 10-11) Year 4	(FY 11-12) Year 5
REALLOCATION OF EXISTING FUNDS					
REQUIRED NEW PUBLIC FUNDS					
1. STATE FUNDS					
2. LOCAL FUNDS					
TUITION AND FEES REVENUES					
OTHER FUNDING					
1.					
2.					
3.					
4.					
5.					
TOTAL REVENUE	0	0	0	0	0

TABLE 3. PROPOSED CPSI FACULTY BY RANK, FTE, TENURE HOME, AND COLLEGE OR INSTITUTE

<b>Faculty and Rank</b>	<b>PSI FTE</b>	<b>Tenure Home Department</b>	<b>College of Arts and Sciences</b>	<b>Institute of Agriculture and Natural Resources</b>
James Alfano, Professor	1.00	Plant Pathology		X
Giles Basset, Asst. Professor	1.00	Agronomy & Horticulture, Biochemistry, School of Biological Sciences	X	X
Heriberto Cerutti, Assoc. Professor	.52	School of Biological Sciences	X	
Tom Clemente, Assoc. Professor	.50	Agronomy & Horticulture		X
Michael Fromm, Professor	.53	Agronomy & Horticulture		X
Steven Harris, Assoc. Professor	1.00	Plant Pathology		X
Sally Mackenzie, Professor	1.00	Agronomy & Horticulture		X
Etsuko Moriyama, Assoc. Professor	1.00	School of Biological Sciences	X	
Julie Stone, Asst. Professor	.60	Biochemistry		X
Total	7.15FTE			

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

MEETING DATE: January 18, 2008

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-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 13, 2007

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

Business Affairs

MEETING DATE: January 18, 2008

SUBJECT: Appointment of Ron Hollins, M.D., and reappointment of Randolph M. Ferlic, M.D. to the Board of Directors of The Nebraska Medical Center

RECOMMENDED ACTION: Approve appointment of Ron Hollins, M.D., and reappointment of Randolph M. Ferlic, M.D., to the Board of Directors of The Nebraska Medical Center effective January 1, 2008, for a term of three years

PREVIOUS ACTION: November 3, 2006 – The Board approved the reappointment of Harold M. Maurer, M.D., and Duane Acklie for a term of three years to fill expired terms.

January 20, 2006 – The Board approved reappointment of Jan Thayer and Gail Walling Yanney, M.D., to the Board of Directors of The Nebraska Medical Center and appointed Duane Acklie to serve the remainder of the late Harlan Noddle’s unexpired term.

December 11, 2004 – The Board approved the appointment of Byers W. Shaw, M.D. and Randolph M. Ferlic, M.D., for a term of three years to fill expired terms.

EXPLANATION: The Nebraska Medical Center Bylaws provide for the appointment of twelve members of The Nebraska Medical Center Board of Directors for three year terms. The two members of The Nebraska Medical Center (the Board of Regents and the combined Clarkson entities) shall each appoint six directors with staggered terms. The current Board of Directors appointed by the Board of Regents and their terms are:

Byers W. Shaw, M.D.	January 1, 2005 - December 31, 2007
Randolph M. Ferlic, M.D.	January 1, 2005 - December 31, 2007
Jan Thayer	January 1, 2006 - December 31, 2008
Gail Walling Yanney, M.D.	January 1, 2006 - December 31, 2008
Harold M. Maurer, M.D.	January 1, 2007 - December 31, 2009
Duane Acklie	January 1, 2007 - December 31, 2009

On November 11, 2005, the Board approved a motion that if future appointments to The Nebraska Medical Center Board of Directors are not made by reappointment of an incumbent member or appointment of a University of Nebraska Medical Center employee, then every effort would be made to achieve representation on the board from throughout the state with no more than two persons from any one of the three Congressional districts serving on the board.

Therefore, it is recommended that the Regents approve the appointment of the following two persons to The Nebraska Medical Center Board of Directors for a term of three years:

Appointee

Term

Ron Hollins, M.D.

January 1, 2008 - December 31, 2010

Randolph M. Ferlic, M.D.

January 1, 2008 - December 31, 2010

SPONSOR:

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

RECOMMENDED:

James B. Milliken  
President

DATE:

December 13, 2007

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

MEETING DATE: January 18, 2008

SUBJECT: Conveyance of real property from the Board of Regents of the University of Nebraska to Viaero Wireless

RECOMMENDED ACTION: Approve the conveyance of real property from the Board of Regents of the University of Nebraska to Viaero Wireless.

PREVIOUS ACTION: None

EXPLANATION: Approval of this agenda item will authorize execution of deeds and other instruments necessary to convey a parcel of University real property to Viaero Wireless (Viaero).

Viaero is planning to site an antenna tower on its existing property, which is adjacent to land owned by the University of Nebraska at Kearney (UNK) known as the "Cranewood parcel" (see attached map). Considering UNK's planned land use for the Cranewood parcel, it would be to UNK's longer term advantage to have Viaero locate its proposed antenna tower and related improvements in the south central area of Viaero's adjacent property. Viaero is unwilling to locate the antenna tower in the south central area without obtaining the subject parcel from UNK. The proposed transfer will create a contiguous parcel for Viaero. As part of the exchange, UNK will obtain a long term (35 year) right of first refusal on the entire assembled site in accord with the long-term plans of the University in this vicinity.

The subject parcel consists of a portion of Lots 7 and 8, Lincoln Way Villa Plots Addition, Kearney, Buffalo County, Nebraska consisting of approximately 8,000 square feet. The fair value based upon an appraisal acquired by the University as of October 17, 2007 is \$13,640.

Although the value of property involved does not require Board of Regents approval, the Regents' policy on the disposal of real property does not permit the sale of the subject parcel to Viaero without a public auction or sealed bid public sale. The approval would waive this requirement.

Members of the public and news media may obtain a copy of the proposed Offer to Purchase 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: None

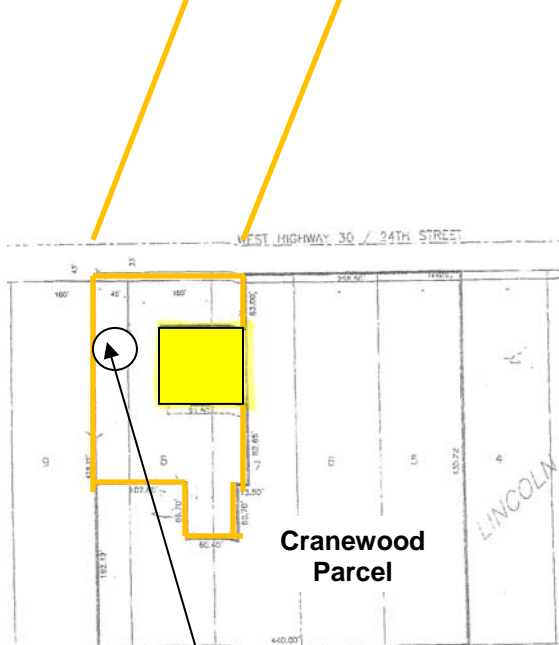
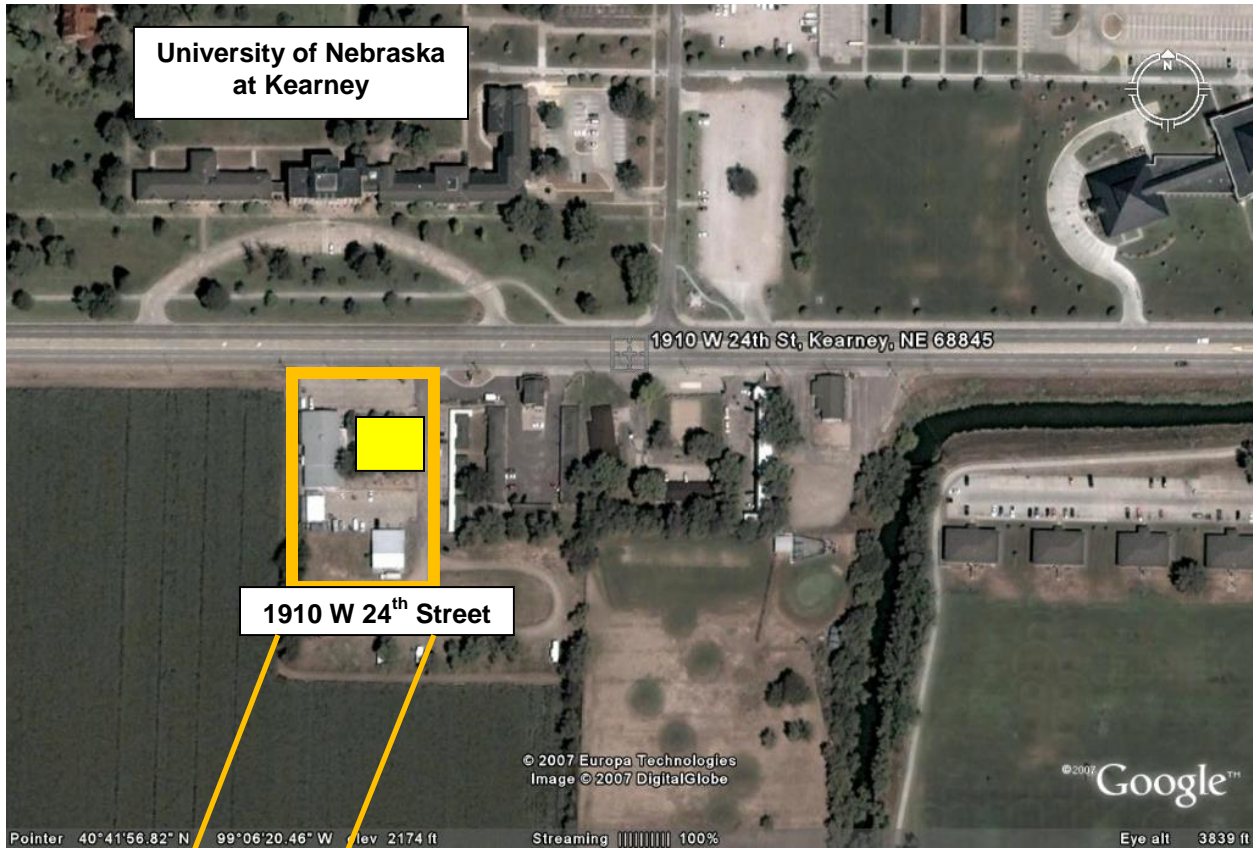
SOURCE OF FUNDS: Not applicable

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

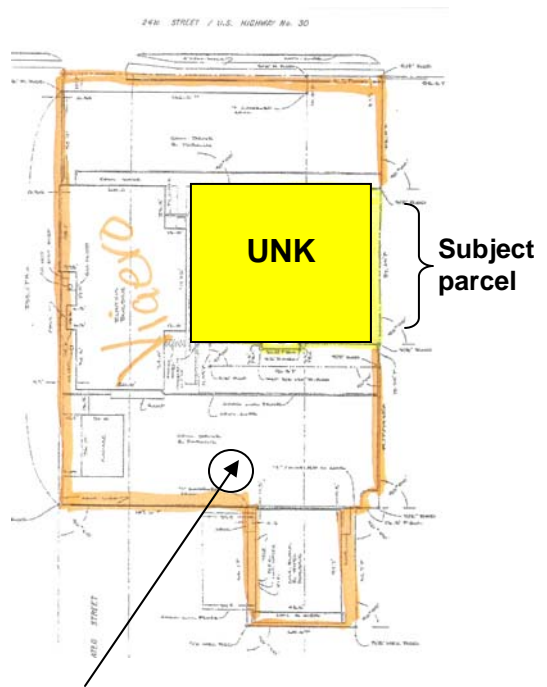
RECOMMENDED: Douglas A. Kristensen, Chancellor  
University of Nebraska at Kearney

DATE: December 14, 2007

# Aerial View – 1910 West 24<sup>th</sup> Street, Kearney, Nebraska



Original proposed tower location



Proposed tower after exchange



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

Business Affairs

MEETING DATE: January 18, 2008

SUBJECT: Program Statement and Budget for the Animal Research Facility  
Renovation at the University of Nebraska-Lincoln

RECOMMENDED ACTION: Approve the Program Statement and Budget for the Animal Research  
Facility Renovation at the University of Nebraska-Lincoln (UNL).

PREVIOUS ACTION: None

EXPLANATION: Enhancing research funding and growth potential at UNL requires continuing investment in existing research facilities. The Animal Research Facility does not comply with guidelines set forth for animal research by the Association for Assessment and Accreditation of Laboratory Animal Care (AAALAC) and the National Institutes of Health (NIH). The proposed project is planned to bring the Animal Research Facility into compliance with those guidelines.

This project supports the University of Nebraska Strategic Framework goals to improve the quantity and quality of research space through public and private support; increase external support for research and scholarly activity; be cost effective and accountable to the citizens of the State; and maintain competitive capital facilities. This project will renovate the west wing and a portion of the north wing of the 31-year old facility, including upgrades to the infrastructure that is near the end of its useful life and is inefficient to operate. These improvements will make the University more competitive in attracting and retaining talented research faculty in the life sciences, and increase the prospect of receiving federal research funding.

The project will replace the building's mechanical and electrical systems, correct fire and life safety and accessibility deficiencies, and reconfigure spaces to better meet the present and future programmatic needs. Areas being renovated will not be occupied during construction.

The project will be financed by University of Nebraska Facilities Corporation bonds that will be repaid from facilities and administrative (F&A) funds.

The program statement and budget have been reviewed and approved by the Business Affairs Committee.

Proposed start of construction	January 2009
Proposed completion of construction	October 2009

PROJECT COST: \$5,000,000

ON-GOING FISCAL IMPACT:	Annual Operating Costs 1% Assessment	\$41,600 50,000
-------------------------	---	--------------------

SOURCE OF FUNDS: F&A Funds

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

RECOMMENDED: Harvey Perlman, Chancellor  
University of Nebraska-Lincoln

DATE: December 13, 2007

**University of Nebraska-Lincoln (UNL)**  
**Animal Research Facility Renovation**  
**Program Statement**

Campus: UNL East Campus  
Date: December 13, 2007  
Prepared by: UNL Facilities Planning

Phone No. (402) 472-3131

**1. Introduction**

a. Background and History

The Animal Research Facility was constructed as part of the UNL Animal Health Research Center in the mid-1970's. The facility originally functioned to house large animals for veterinary science research. Since that time, the building has undergone only minor renovations.

As animal research needs have shifted over the years, the size and types of animals being held in the facility have changed. There is a growing demand for the use of rodent populations in veterinary, agricultural, and biomedical research. To respond to this demand, the basic infrastructure of the Animal Research Facility and spaces inside the building will be upgraded and/or reconfigured to increase animal holding capacity, improve space utilization and circulation, and improve the quality of research space on campus.

b. Project Description

It is the intent of the University to renovate the Animal Research Facility recognizing current and future needs. The project proposes to renovate the entire west wing and a portion of the north wing to meet current building and life safety codes and recognized standards of care for housing of research laboratory animals. The animal care standards will comply with guidelines set forth by the Association for Assessment and Accreditation of Laboratory Animal Care (AAALAC) and the National Institutes of Health (NIH).

The renovation will encompass 7,720 gross square feet of animal holding and support rooms on the main level. The primary spaces to be constructed are 11 holding rooms, 10 small procedure rooms, feed and bedding storage room, quarantine and isolation room, central office area, and new restroom, shower, and locker room facilities. In addition, the project will replace the existing 760 gross square foot mechanical penthouse with a 3,000 gross square foot penthouse to house new air-handling units in support of the project and future projects.

Building infrastructure will be upgraded significantly to provide increased capacity for all central utilities entering the facility. The upgrade requires an on-grade addition near the current dock area. The addition is necessary to house incoming mechanical and electrical service equipment and new utility connections. Centralization of utility connections will allow for continued operation of the facility during construction.

c. Purpose and Objectives

The purpose of the renovation project is two-fold: (1) the need to upgrade and contemporize this 30-year old facility, which has seen little repair since being placed into operation and (2) to meet federal research compliance standards.

The primary objectives of the project are to:

- Increase the animal holding capacity and improve quality of research animal facilities space for rodents on the UNL campus
- Enhance research funding potential by complying with AAALAC and NIH standards
- Eliminate potential health and safety concerns by achieving compliance with current fire and life safety codes and regulations
- Provide more efficient operating systems and lower energy costs

**2. Justification of the Project**

a. Data which supports the funding request

While the change in types of animals to be housed in the building necessitates architectural modifications to the current facility, the primary factor driving the need for renovation is the inadequacy of the current mechanical systems. The existing building mechanical systems are near the end of their useful lives. The existing air handling units operate inefficiently and have limited clearance space, which makes routine maintenance problematic. In many areas, the ventilation, temperature control, and humidity control do not meet current code and animal care requirements due to lack of system capacity and poor space configuration.

Piping systems have also deteriorated over the years, resulting in leaks and repeated maintenance issues. Site utilities such as chilled water, steam, potable water, and sanitary sewer systems are either undersized for contemporary requirements or are severely degraded. The proposed project will correct the site utility deficiencies and replace the mechanical systems in the existing west wing of the building.

The aging infrastructure of this facility has limited growth in federal research funding, contributed to difficulty in the recruitment of talented junior faculty in

the life sciences, and increased the risk of losing eminent researchers to other campuses with superior research facilities.

b. Alternatives considered

The deficiencies listed above are factors that prevent the University from meeting AAALAC and NIH standards and consequently impair its ability to attract promising junior faculty, to retain eminent researchers, and to expand external research funding. This project was developed to address those deficiencies and other outstanding issues outlined in the semiannual report of the International Animal Care and Use Committee (IACUC) within the Animal Research Facility.

While the entire building requires attention and substantial updating, its fundamental design is sound, with many remaining years of useful life. Replacement of the building with a new facility is not feasible with the funds available. Alternatives to be completed in future projects developed from discussion of research priorities and the suitability of the building layout to meet changing needs may include the following:

- Renovation of the north wing into holding areas and procedure rooms for various sized animals with an area dedicated to transgenic research, and construction of new cage washing and autoclave facilities;
- Renovation of the east wing into office and storage areas;
- Renovation of the south wing into large animal holding facilities; and
- Expansion of the dock and receiving area.

**3. Location and Site Considerations**

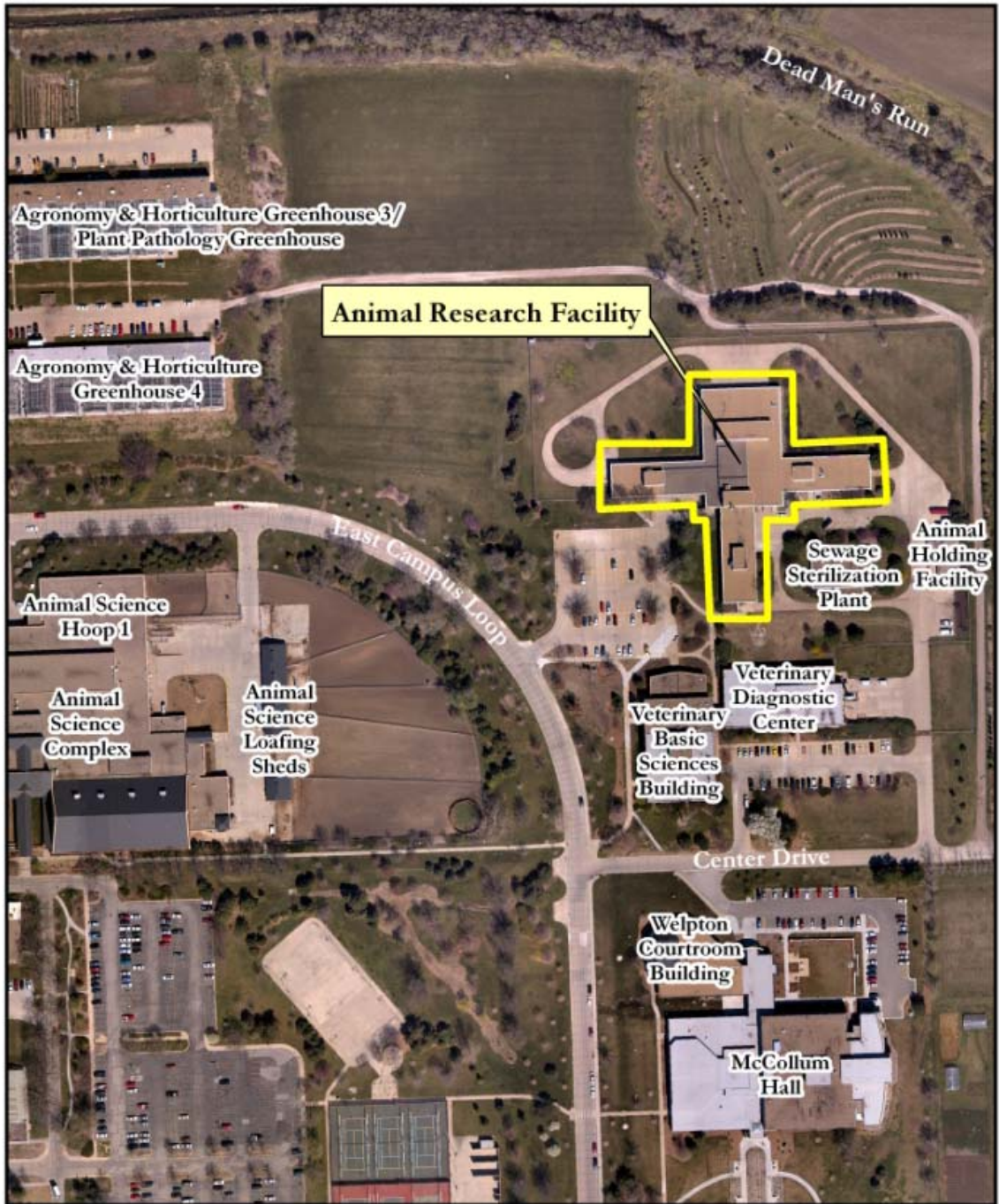
a. County

Lancaster

b. Town or campus

University of Nebraska-Lincoln East Campus

c. Proposed site



**Animal Research Facility Renovation**  
Project Location Map



d. Statewide building inventory

Animal Research Facility (51ZZ0054700B)

e. Influence of project on existing site conditions

(1) Relationship to neighbors and environment

The Animal Research Facility is located in the northeast portion of UNL's East Campus, north of Fair Street and east of the East Campus Loop. Because of its physical location on the interior of the campus, impacts to surrounding neighborhoods and the environment will be minimal, while air quality in the area will be improved.

(2) Utilities

Chilled water piping will be extended to the new mechanical room from the existing campus chilled water mains south of the existing facility.

High pressure steam and pumped condensate piping will be extended to the new mechanical room from the existing steam tunnel southwest of the existing facility.

Domestic water piping will be extended to the new mechanical room from the existing campus water main south of the existing facility.

The natural gas main, meter, and regulator serving the existing facility will remain in service.

Sanitary sewer piping will be routed from the west wing to the sewer main south of the existing facility. Contaminated sanitary sewer piping will be routed from the west wing to the existing waste treatment building southeast of the existing facility.

The storm sewer main northeast of the building will remain in service. Storm sewer piping will be routed from the west wing to the existing storm piping system.

The electrical service for the facility will be sized to support the calculated demand loads for the entire facility, plus additional capacity for future growth. Primary electrical service to the facility will be provided via an existing pad-mounted primary switch fed by the existing East Campus underground distribution system.

(3) Parking and circulation

Parking and vehicular circulation in the vicinity of the Animal Research Facility will not be affected by the renovation as there are other areas adjacent

to the building that can be utilized for construction material storage and contractor staging.

#### 4. Comprehensive Plan Compliance

##### a. University of Nebraska Strategic Framework

This project complies with the objectives of the University Strategic Planning Framework for 2007-2010:

4. a. *“Increase external support for research and scholarly activity.”*
- d. *“Encourage and facilitate the commercialization of research and technology to benefit Nebraska.”*
- e. *“Improve the quantity and quality of research space through public and private support.”*
5. a. *“Support economic growth, health and quality of life through policy initiatives consistent with university mission.”*
- d. *“Support Nebraska’s economic development.”*
- e. *“Build local, regional, national and international partnerships across public and private sectors.”*
6. *“The University of Nebraska will be cost effective and accountable to the citizens of the state.”*
- f. *“Maintain competitive capital facilities.”*

The west wing of the Animal Research Facility will be modernized to meet current building codes and AAALAC and NIH design guidelines to make the University more competitive in attracting students, high-caliber faculty, and research funding.

##### b. UNL Campus Master Plan

The University of Nebraska-Lincoln *Physical Master Plan 2006-2015* was approved by the Board of Regents on April 21, 2006. The Animal Research Facility renovation project is in compliance with the land use element of the master plan for East Campus.

In addition, the project supports the following goals of the Master Plan.

- *“Provide appropriate facilities and equipment for high-priority research and graduate programs.”*
- *“Provide appropriate facilities that support academic research, outreach, co-curricular activities and administrative computing.”*

The renovation of the Animal Research Facility will provide additional research, office and service space, to bring relief to space needs identified in the Master Plan. It will also increase animal holding capacity and improve the quality of research space for rodents and small animals at UNL.



c. Statewide Comprehensive Capital Facilities Plan

The Statewide Facilities Plan is Chapter Six of the *Comprehensive Statewide Plan for Postsecondary Education in Nebraska*. This plan includes the following goals:

*“Nebraskans will advocate a physical environment for each of the 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.”*

The proposed project will renovate outmoded spaces in the west wing and a portion of the north wing of the Animal Research Facility with updated building systems and life safety improvements that will effectively meet space needs for research programs at UNL.

**5. Analysis of Existing Facilities**

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

The project will allow the programs to meet standards required for accreditation by AAALAC and the NIH, mandatory regulatory requirements for care and maintaining the well-being of animals used in teaching, research, and extension education programs. The current status of the building’s mechanical, electrical, and utility systems makes it impossible to achieve full compliance.

b. Square footage of existing areas

The square footage of the portion of the Animal Research Facility, which will be renovated as part of this project, is as follows:

Gross square feet	8,480
Net square feet	5,705

c. Utilization of existing space by facility, room, and/or function

<b>Space Description</b>	<b>Room-Use Code</b>	<b>Existing NSF</b>
Research Lab	250	277
Research Lab Service	255	200
<b>Category 200 Totals</b>		<b>477</b>
Animal Quarters	570	3,240
Animal Quarters Service	575	1,412
<b>Category 500 Totals</b>		<b>4,652</b>
Locker Room	690	229
<b>Category 600 Totals</b>		<b>229</b>
Storage	730	347
<b>Category 700 Totals</b>		<b>347</b>
<b>Total Net Square Footage</b>		<b>5,705</b>

d. Physical deficiencies

The proposed project addresses the following physical deficiencies:

- Fire and life safety code deficiencies
- Inadequate mechanical systems
- Inadequate electrical systems
- Inadequate utility systems
- HVAC deficiencies

e. Programmatic deficiencies

The building’s physical deficiencies noted above affect the academic program because of the inability to achieve AAALAC and NIH standards and attract grant funding.

f. Replacement cost of existing building

(1) Insured Value

Insured replacement value is \$12,628,624, per the June 30, 2006, Facilities Management Information Report.

(2) Build-New Cost

Replacement of the existing net assignable area with a new facility meeting AAALAC and NIH standards for environmental controls requires a 52,666 gross square feet building. A peer university constructed a similar facility in 2007 for \$436/gsf, inflation adjusted. Replacement cost based on this information is \$23,000,000.

**6. Facility Requirements and the Impact of the Proposed Project**

a. Functions/purpose of the proposed program

(1) Activity identification and analysis

The Animal Research Facility is used primarily by faculty members in the Department of Veterinary and Biomedical Sciences (VBMS), but research faculty in other departments also use the facility. An interdisciplinary group of faculty with expertise in biomedical sciences, epidemiology, microbiology, bacteriology, virology, immunology, pathology, cell biology, genomics, molecular biology, and biochemistry emphasize collaborative efforts toward understanding infectious diseases, mechanism of diseases, population medicine, and related topics in biomedical research. New scientific knowledge and skills benefit society through the protection of animal health, the relief of animal suffering, the conservation of livestock resources, and the promotion of public health.

Research faculty members in the Departments of Biochemistry, Animal Science, Food Science and Technology, Nutrition and Health Sciences and the School of Natural Resources use the Animal Research Facility for studies encompassing prostate cancer, lipid biochemistry and metabolism and related effect on health, and surgical preparation of wildlife for field studies.

(2) Projected occupancy/use levels

The Animal Research Facility currently has 3 full-time staff and 11 part-time and on-call staff. It is anticipated that one full-time, professional/managerial staff member will be added by the completion of the project to assist in managing the building. In addition to staff located on site, faculty researchers, and graduate and undergraduate students will use the facility.

b. Space requirements

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

<b>Program/Space Description</b>	<b>Room-Use Code</b>	<b>NSF</b>	<b># of Rooms</b>	<b>Total NSF</b>
Procedure Rooms	250	115	10	1,150
Office	310	100	1	100
Office	310	175	1	175
Staff Lounge	315	100	1	100
Animal Holding Rooms - Small	570	235	10	2,350
Animal Holding Room - Large	570	390	1	390
Isolation and Quarantine Room	570	100	1	100
Feed and Bedding Storage Room	575	185	1	185
Men's/Women's Locker Room & Restroom	690	250	2	500
<b>Total Net Square Footage</b>				<b>5,050</b>

(2) Basis for square footage/planning parameters

The square footages indicated for the proposed space use in the renovated areas of the Animal Research Facility are based University of Nebraska Space Guidelines, as well as programmatic needs of the planned users of the building.

## (3) Square footage difference between existing and proposed areas (net and gross)

Space Description	Room- Use Code	Existing NSF	Proposed NSF	Difference
<b>Laboratory Facilities</b>				
Research Lab	250	277	1,150	873
Research Lab Service	255	200	0	(200)
<b>Category 200 Totals</b>		<b>477</b>	<b>1,150</b>	<b>673</b>
<b>Office Facilities</b>				
Office	310	0	275	275
Office Service	315	0	100	100
<b>Category 300 Totals</b>		<b>0</b>	<b>375</b>	<b>375</b>
<b>Special-Use Facilities</b>				
Animal Quarters	570	3,240	2,840	(400)
Animal Quarters Service	575	1,412	185	(1,227)
<b>Category 500 Totals</b>		<b>4,652</b>	<b>3,025</b>	<b>(1,627)</b>
<b>General Use Facilities</b>				
Locker Rooms	690	229	500	271
<b>Category 600 Totals</b>		<b>229</b>	<b>500</b>	<b>271</b>
<b>Physical Plant Support Facilities</b>				
Storage	730	347	0	(347)
<b>Category 700 Totals</b>		<b>347</b>	<b>0</b>	<b>(347)</b>
<b>Total Net Square Footage</b>		<b>5,705</b>	<b>5,050</b>	<b>(655)</b>
<b>Total Gross Square Footage</b>		<b>8,480</b>	<b>11,920</b>	<b>3,440 *</b>

Note: Total net and gross square footage figures are for the project area only, not the entire building.

\* The increase in Total Gross Square Footage reflects a net increase in the mechanical penthouse space of 2,240 GSF and a 1,200 GSF at-grade addition for central utility upgrades.

## c. Impact of the proposed project on existing space

## (1) Reutilization and function(s)

The renovation of the Animal Research Facility will reconfigure and in some cases change space uses. This includes conversion of existing large animal holding and storage areas to rooms to house rodent populations, an isolation and quarantine room, and new procedure rooms intended to minimize the transportation of research animals. In addition, new locker room facilities

with showers and toilets will be provided on the west wing.

The creation of improved circulation space within the building results in a net reduction of assignable space.

(2) Demolition

Minor demolition will be necessary to facilitate the renovation work.

(3) Renovation

All animals and equipment located in the project area will be relocated to other parts of the building. Steps will be taken to minimize the impact of demolition and renovation activities in other parts of the building.

**7. Equipment Requirements**

a. List of available equipment for reuse

Wherever possible, small animal housing and research equipment currently in use in the south wing of the Animal Research Facility will be reused in the renovated west wing. A detailed list of reusable equipment will be developed during the design phase of the project.

b. Additional equipment

(1) Fixed equipment

No fixed equipment is included in the budget for this project and is the responsibility of the research programs. New equipment to be used in the renovated section of the facility will be purchased separately with future grant funding. A detailed list of such equipment will be developed during the design phase of the project.

(2) Movable equipment

Furniture and other movable equipment for the renovated areas are not included in the budget for this project and are the responsibility of the research programs. A detailed list of movable equipment will be developed during the design phase of the project.

(3) Special or technical equipment

No special or technical equipment is included in the budget for this project and is the responsibility of the research programs. A detailed list of specific equipment will be developed during the design phase of the project.

## **8. Special Design Considerations**

### **a. Construction Type**

This project involves renovation of the existing building's structure or façade to support the construction of the new mechanical penthouse and slab on grade addition.

### **b. Heating and cooling systems**

The design and installation of all mechanical systems will be in accordance with relevant portions of the following codes, standards, and publications:

- UNL Design Guidelines for Facilities Construction
- American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) Handbooks and Standards
- American National Standards Institute (ANSI) Standards
- National Fire Protection Association (NFPA) Codes
- Americans with Disabilities Act Accessibility Guidelines (ADAAG)
- National Institutes of Health (NIH) Design Policy and Guidelines
- National Research Council (NRC) Guide for the Care and Use of Laboratory Animals
- All codes and standards as established by the University of Nebraska-Lincoln

The existing mechanical penthouse and associated air handling units (AHUs) on the west wing will be replaced due to their age, high maintenance costs, and poor energy efficiency. Two new AHUs, each sized for the full load of the west wing, will be installed in a new penthouse. Both AHUs will be configured for 100% outside air operation. The AHUs will be controlled such that continuous airflow will be maintained at all times.

Installation of new controls components and replacement of existing controls where necessary will be in accordance with UNL Design Guidelines.

Adequate space will be provided for ease of maintenance.

### **c. Life Safety/ADA**

This project will make the renovated portion of the building's main level fully accessible under the terms of the ADA Accessibility Guidelines and Nebraska Accessibility Guidelines, and will conform to all applicable life safety code requirements.

An analog, addressable fire alarm system will be provided for the facility. The system will be designed in accordance with current life safety and fire code requirements, as well as University of Nebraska guidelines. In addition, the system will meet all current accessibility guidelines.

d. Security

A video surveillance system and card access control system will be provided for renovated portions of the facility. System details will be coordinated with facility personnel.

e. Historic or architectural significance

There are no known historic issues or requirements impacting the Animal Research Facility.

f. Artwork

Since this project will not use state funds, the 1% for Art provision is not applicable.

g. Phasing

The project as proposed will be completed in a single phase. Future projects will be necessary to fully renovate the Animal Research Facility to comply with AAALAC and NIH standards.

h. Future expansion

Besides the addition that will house new mechanical and electrical service equipment and utility connections, there are no other plans for future expansion of the building at this time.

**9. Project Budget and Fiscal Impact**

a. Cost estimates criteria

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

The estimated probable costs of the project were developed with the help of A/E consultants. Estimates for environmental controls, fire alarm and security systems, card access, telecommunications, and landscaping were based on estimates developed by University staff.



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

The estimate was prepared in October 2007 and was escalated at 5% per year to the midpoint of construction, which is June 16, 2009.

- (3) Gross and net square feet

Gross square feet	11,920 gsf
Net square feet	5,050 nsf

- (4) Total project cost per gross square foot \$419

- (5) Construction cost per gross square foot \$370

- b. Total project cost \$5,000,000

The detailed budget is as follows:

<b>Probable Construction Costs</b>			
<b>Construction Costs</b>			
552305	General Contractor	\$ 3,484,000	
552306	Other Construction Contracts		
552307	Other Construction Contracts		
552308	Other Construction Contracts		
552311	Other Construction Contracts		
552332	Environmental Remediation/Asbestos Abatement		
552333	Relocation Construction		
552309	Contractor Renovation		
552310	Utilities Contractor		
552312	In House Labor	\$ 454,000	
552313	In House Material		
552334	Other Construction		
552317	Carpet( Installed outside of General Construction Contract)		
552335	Risk Management (OCIP)		
552319	Telecommunications	\$ 4,000	
552326	Construction Contingency	\$ 469,800	
	<b>Subtotal Construction Costs</b>		<b>\$ 4,411,800</b>
<b>Non-construction Costs</b>			
552314	Fixed Equipment		
552315	Movable Equipment		
552331	Special and Technical Equipment		
552330	Biomedical Communications		
551100	Land Acquisition		
552336	Project Planning & Program Statement		
552302	A&E Basic Services	\$ 334,000	
552303	A&E Additional Services		
552304	A&E Reimbursable Expenses	\$ 27,000	
552301	In House Services - Project Management		
	--Project Management	\$ 80,000	
	--Inspection	\$ 54,000	
552322	Other Consultants - Soils Report		
552321	Artwork		
552328	Risk/Quality Management	\$ 13,000	
552324	Builders Risk	\$ 3,000	
552323	Moving and Relocation		
552329	Signage	\$ 6,000	
552325	Other Non-Construction (Specify)	\$ 19,000	
	Non-construction Contingency	\$ 52,200	
	<b>Subtotal Non-construction Costs</b>		<b>\$ 588,200</b>
<b>Total Project Costs</b>			<b>\$ 5,000,000</b>

- c. Fiscal Impact based upon first full year of operation
  - (1) Estimated additional operational and maintenance costs per year  
\$41,600
  - (2) Estimated additional programmatic costs per year  
\$40,000
  - (3) Applicable building renewal assessment charges  
\$50,000

**10. Funding**

- a. Total funds required  
\$5,000,000
- b. Project Funding Source  
  
University of Nebraska Facilities Corporation Bonds repaid by F&A Funds  
  
\$5,000,000
- c. Fiscal year expenditures for project duration
 

2007-2008	\$ 224,072
2008-2009	2,591,780
2009-2010	<u>2,184,148</u>
 Total Expenditures	 \$5,000,000

**11. Time Line**

- |   |                   |
|---|-------------------|
| Start Programming   | September 5, 2007 |
| Approval of Project Initiation Request of Academic Planning Committee | October 17, 2007  |
| Program Statement to UNCA   | November 13, 2007 |
| BOR approves Program Statement  | January 18, 2008  |
| Architect selection   | January 2008      |
| Start design  | January 2008      |

Design Development documents	July 2008
Complete design	October 2008
Start bidding	October 2008
Award contract	January 2009
Start construction	January 2009
Complete construction	October 2009

**12. Higher Education Supplement**

a. CCPE Review

CCPE review is required for this project.

b. Method of contracting

(1) Identify Method

The method of contracting for this project will be design/bid/build, awarded to the lowest responsible prime general contractor.

(2) Provide rationale for method selection

This method has worked well for the University, and the bid climate is generally favorable.

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

Business Affairs

MEETING DATE: January 18, 2008

SUBJECT: Financing for the Animal Research Facility Renovation Project at the University of Nebraska-Lincoln

RECOMMENDED ACTION: Approve the Resolution for the Animal Research Facility Renovation Project which (1) approves the issuance by The University of Nebraska Facilities Corporation of not to exceed \$6,000,000 principal amount of UNL Animal Research Facility Renovation Bonds pursuant to a Bond Resolution of the Corporation, (2) authorizes the execution and delivery of a Financing Agreement, a Continuing Disclosure Agreement, a Tax Compliance Agreement, an Inducement Letter and a Preliminary Official Statement in connection with the sale of such Bonds, (3) authorizes the sale of such Bonds at a negotiated sale pursuant to a Bond Purchase Agreement and authorizes the Vice President for Business and Finance to determine interest rates (not to exceed a true interest cost of 5.35%), principal amounts, principal maturities and redemption provisions of such Bonds, and (4) approves the preparation and use of a final Official Statement.

PREVIOUS ACTION: None

EXPLANATION: The Animal Research Facility Renovation project will renovate the west wing and a portion of the north wing of the 31-year old facility, including upgrades to the infrastructure that is near the end of its useful life and is inefficient to operate. This project will replace the building's mechanical and electrical systems, correct fire and life safety and accessibility deficiencies, and reconfigure spaces to better meet the present and future programmatic needs.

The University of Nebraska Facilities Corporation Bonds financing the project will be issued with a final maturity not later than 21 years from the date of issuance. Current bond market conditions would provide an average interest rate of something less than 4.6% on the Bonds. The annual debt service (principal and interest) for the Bonds will be paid using facilities and administrative (F&A) funds.

Members of the public and the news media may obtain a copy of the proposed documents 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:	Proposed size of Issue	\$6,000,000
	Less: Deposit to Debt Service Reserve	(600,000)
	Cushion for Interest Rate Changes and OID/OIP	(463,000)
	Costs of Issuance, Rounding	<u>(82,000)</u>
	Bond proceeds, net	4,855,000
	Construction Fund Interest	<u>145,000</u>
	Total Project Cost	<u>\$5,000,000</u>

SOURCE OF FUNDS: F&A Funds

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

David E. Lechner  
Vice President for Business and Finance

RECOMMENDED: Harvey Perlman, Chancellor  
University of Nebraska-Lincoln

James B. Milliken, President  
University of Nebraska

DATE: December 13, 2007

## RESOLUTION

### I.

**BE IT RESOLVED BY THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA** (the “**Board**”) that the Financing Agreement between the Board and The University of Nebraska Facilities Corporation (the “**Corporation**”) dated the date determined jointly by the Vice President for Business and Finance and the Secretary/Treasurer of the Corporation with respect to financing the Animal Research Facility Renovation at the University of Nebraska-Lincoln (the “**Project**”), in the form attached hereto as **Exhibit A** and made a part hereof by reference, is hereby approved, adopted, ratified and affirmed together with such changes, additions, deletions or modifications as the Chair of the Board, University counsel and bond counsel shall approve as being in the best interests of the Board and the University of Nebraska.

### II.

**BE IT FURTHER RESOLVED BY THE BOARD** that the issuance, sale and delivery by the Corporation of its UNL Animal Research Facility Renovation Bonds in an aggregate principal amount not to exceed \$6,000,000, dated the date determined by the Secretary/Treasurer of the Corporation (the “**Bonds**”), together with the terms and provisions of the Bond Resolution dated the date determined by the Secretary/Treasurer of the Corporation adopted by the Board of Directors of the Corporation (the “**Bond Resolution**”), a copy of which is attached hereto as **Exhibit B** and pursuant to which the Bonds will be issued, are hereby approved, adopted, ratified and affirmed together with such changes, additions, deletions or modifications as the Chair of the Board, University counsel and bond counsel shall approve as being in the best interests of the Board and the University of Nebraska. The Vice President for Business and Finance, on behalf of the Board, is hereby authorized and directed to approve the aggregate principal amount of Bonds to be issued (not to exceed \$6,000,000) and the principal maturities, interest rates and redemption provisions thereof and to take all necessary actions and execute all necessary documents to effect the sale of the Bonds.

### **III.**

**BE IT FURTHER RESOLVED BY THE BOARD** that the Vice President for Business and Finance is hereby authorized and directed to approve the sale of the Bonds by negotiated sale at an average interest cost not to exceed five and thirty-five hundredths percent (5.35%) to Ameritas Investment Corp. (the “**Underwriter**”) pursuant to (a) a Bond Purchase Agreement between the Corporation and the Underwriter and (b) an Inducement Letter from the Board to the Corporation and the Underwriter, each dated the date determined jointly by the Vice President for Business and Finance and the Secretary/Treasurer of the Corporation, in the forms presented to the Board as **Exhibit C** and **Exhibit D**, respectively, and made a part hereof by this reference, which Bond Purchase Agreement and Inducement Letter are hereby adopted, ratified, affirmed and approved, together with such changes or modifications as the Chair of the Board, University counsel and bond counsel shall approve as being in the best interests of the Board and the University of Nebraska.

### **IV.**

**BE IT FURTHER RESOLVED BY THE BOARD** that the Preliminary Official Statement of the Corporation with respect to the Bonds, dated the date determined jointly by the Vice President for Business and Finance and the Secretary/Treasurer of the Corporation in the form presented to the Board as **Exhibit E**, together with such changes or modifications as the Chair of the Board, University counsel and bond counsel shall approve as being in the best interests of the Board and the University of Nebraska, and the final Official Statement to be dated as of the date of sale with respect to the Bonds, which final Official Statement shall include the terms of the Bonds, are hereby approved and authorized for delivery to the purchasers of the Bonds.

### **V.**

**BE IT FURTHER RESOLVED BY THE BOARD** that (a) the Tax Compliance Agreement dated the date determined jointly by the Vice President for Business and Finance and the Secretary/Treasurer of the Corporation among the Board, the Corporation and the Trustee named in the Bond Resolution (the



“Trustee”) in the form attached hereto as **Exhibit F** and made a part hereof by reference to demonstrate compliance with the requirements of Internal Revenue Code of 1986, as amended, and the applicable regulations thereunder with respect to the Bonds, and (b) the Continuing Disclosure Agreement dated the date determined by the Vice President for Business and Finance between the Board and the Trustee to demonstrate compliance with the requirements of Rule 15c2-12 of the Securities and Exchange Commission with respect to the Bonds in the form attached hereto as **Exhibit G** and made a part hereof by reference, are each hereby approved, adopted, ratified and affirmed, together with such changes, additions, deletions or modifications and the Chair of the Board, University counsel and bond counsel shall approve as being in the best interests of the Board and the University of Nebraska.

#### **VI.**

**BE IT FURTHER RESOLVED BY THE BOARD** that the members and officers of the Board and the officials of the University of Nebraska, or any of them, be, and they hereby are, and each of them hereby is, authorized and directed to take any and all action including the execution of all papers, certificates, receipts and documents, they or any of them may deem necessary or desirable to effectuate, in accordance with the terms of this Resolution, the delivery of and payment for the Bonds.

#### **VII.**

**BE IT FURTHER RESOLVED BY THE BOARD** that all actions heretofore taken for or on behalf of, or in the name of the Board, by any of the members of officers thereof or by any officers of the University of Nebraska with respect to the authorization or offering for sale of the Bonds are hereby validated, ratified and confirmed.

#### **VIII.**

**BE IT FURTHER RESOLVED BY THE BOARD** that the Vice President for Business and Finance may, if he determines the same to be in the best interests of the Board and the University of Nebraska, consolidate the issuance of the UNL Animal Research Facility Renovation Bonds with the issuance of all or a part of (a) the UNL NanoScience Center Bonds approved under Agenda Item X-B-5 at the January

18, 2008 meeting of the Board and (b) the UNL Whittier Building Renovation Bonds approved under Agenda Item X-B-6 at the January 18, 2008 meeting of the Board, and authorize the issuance of all or part of each of the UNL Animal Research Facility Renovation Bonds, the UNL Whittier Building Renovation Bonds and the UNL NanoScience Center Bonds as one or more series of Bonds of the Corporation. Upon such determination by the Vice President for Business and Finance, he shall be and hereby is authorized and directed (1) to effect such changes or modifications to the Financing Agreement, the Bond Resolution, the Bond Purchase Agreement, the Inducement Letter, the Tax Compliance Agreement, the Continuing Disclosure Agreement, the Preliminary Official Statement, the final Official Statement and all other papers, certificates, receipts and documents as may be required for such purposes and (2) to take and authorize such other actions as shall be necessary in his judgment and discretion to issue all or part of each of the UNL Animal Research Facility Renovation Bonds, the UNL Whittier Building Renovation Bonds and the UNL NanoScience Center Bonds as one or more series of Bonds of the Corporation.

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

Business Affairs

MEETING DATE: January 18, 2008

SUBJECT: Financing for the NanoScience Center Project at the University of Nebraska-Lincoln

RECOMMENDED ACTION: Approve the Resolution for the NanoScience Center Project which (1) approves the issuance by The University of Nebraska Facilities Corporation of not to exceed \$15,000,000 principal amount of UNL NanoScience Center Bonds pursuant to a Bond Resolution of the Corporation, (2) authorizes the execution and delivery of a Financing Agreement, a Continuing Disclosure Agreement, a Tax Compliance Agreement, an Inducement Letter and a Preliminary Official Statement in connection with the sale of such Bonds, (3) authorizes the sale of such Bonds at a negotiated sale pursuant to a Bond Purchase Agreement and authorizes the Vice President for Business and Finance to determine interest rates (not to exceed a true interest cost of 5.35%), principal amounts, principal maturities and redemption provisions of such Series 2008 Bonds, and (4) approves the preparation and use of a final Official Statement.

PREVIOUS ACTION: September 6, 2007 – The Board of Regents approved the Program Statement and Budget for the NanoScience Facility at the University of Nebraska-Lincoln (UNL).

March 9, 2007 – The Board of Regents approved an increase in the project budget of \$6,040,000 and the scope and program statement modifications for the Physical Sciences Replacement Building at UNL.

September 8, 2006 – The Board of Regents approved the selection of Perkins & Will/Bahr, Vermeer & Haecker to provide design services for the Physical Sciences Replacement Building at UNL.

June 15, 2006 – The Board of Regents approved the program statement and budget for the Physical Sciences Replacement Building at UNL.

EXPLANATION: The NanoScience Center consists of 17,090 net square feet of research space, laboratory support space and administration space. The project will complete 5,014 net square feet of generic space in the Physical Sciences Building as nanotechnology space and construct 12,076 net square feet as a north addition to the Physical Sciences Building. The addition will be approximately 22,400 gross square feet.

The University of Nebraska Facilities Corporation Bonds financing the project will be issued with a final maturity not later than 21 years from the date of issuance. Current bond market conditions would provide an average interest rate of something less than 4.6% on the Bonds. The annual debt service (principal and interest) for the Series 2008 Bonds will be paid using facilities and administrative (F&A) funds.

Members of the public and the news media may obtain a copy of the proposed documents 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:	Proposed size of Issue	\$15,000,000
	Less: Deposit to Debt Service Reserve	(1,500,000)
	Cushion for Interest Rate Changes and OID/OIP	(585,000)
	Costs of Issuance, Rounding	<u>(210,000)</u>
	Bond proceeds, net	12,705,000
	Construction Fund Interest	<u>795,000</u>
	Total Project Cost	<u>\$13,500,000</u>

SOURCE OF FUNDS: F&A Funds

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

David E. Lechner  
Vice President for Business and Finance

RECOMMENDED: Harvey Perlman, Chancellor  
University of Nebraska-Lincoln

James B. Milliken, President  
University of Nebraska

DATE: December 13, 2007

## RESOLUTION

### I.

**BE IT RESOLVED BY THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA** (the **“Board”**) that the Financing Agreement between the Board and The University of Nebraska Facilities Corporation (the **“Corporation”**) dated the date determined jointly by the Vice President for Business and Finance and the Secretary/Treasurer of the Corporation with respect to financing the NanoScience Center at the University of Nebraska-Lincoln (the **“Project”**), in the form attached hereto as **Exhibit A** and made a part hereof by reference, is hereby approved, adopted, ratified and affirmed together with such changes, additions, deletions or modifications as the Chair of the Board, University counsel and bond counsel shall approve as being in the best interests of the Board and the University of Nebraska.

### II.

**BE IT FURTHER RESOLVED BY THE BOARD** that the issuance, sale and delivery by the Corporation of its UNL NanoScience Center Bonds in an aggregate principal amount not to exceed \$15,000,000, dated the date determined by the Secretary/Treasurer of the Corporation (the **“Bonds”**), together with the terms and provisions of the Bond Resolution dated the date determined by the Secretary/Treasurer of the Corporation adopted by the Board of Directors of the Corporation (the **“Bond Resolution”**), a copy of which is attached hereto as **Exhibit B** and pursuant to which the Bonds will be issued, are hereby approved, adopted, ratified and affirmed together with such changes, additions, deletions or modifications as the Chair of the Board, University counsel and bond counsel shall approve as being in the best interests of the Board and the University of Nebraska. The Vice President for Business and Finance, on behalf of the Board, is hereby authorized and directed to approve the aggregate principal amount of Bonds to be issued (not to exceed \$15,000,000) and the principal maturities, interest rates and redemption provisions thereof and to take all necessary actions and execute all necessary documents to effect the sale of the Bonds.

### III.

**BE IT FURTHER RESOLVED BY THE BOARD** that the Vice President for Business and Finance is hereby authorized and directed to approve the sale of the Bonds by negotiated sale at an average interest cost not to exceed five and thirty-five-hundredths percent (5.35%) to Ameritas Investment Corp. (the “**Underwriter**”) pursuant to (a) a Bond Purchase Agreement between the Corporation and the Underwriter and (b) an Inducement Letter from the Board to the Corporation and the Underwriter, each dated the date determined jointly by the Vice President for Business and Finance and the Secretary/Treasurer of the Corporation, in the forms presented to the Board as **Exhibit C** and **Exhibit D**, respectively, and made a part hereof by this reference, which Bond Purchase Agreement and Inducement Letter are hereby adopted, ratified, affirmed and approved, together with such changes, additions, deletions or modifications as the Chair of the Board, University counsel and bond counsel shall approve as being in the best interests of the Board and the University of Nebraska.

### IV.

**BE IT FURTHER RESOLVED BY THE BOARD** that the Preliminary Official Statement of the Corporation with respect to the Bonds, dated the date determined jointly by the Vice President for Business and Finance and the Secretary/Treasurer of the Corporation in the form presented to the Board as **Exhibit E**, together with such changes, additions, deletions or modifications as the Chair of the Board, University counsel and bond counsel shall approve as being in the best interests of the Board and the University of Nebraska, and the final Official Statement to be dated as of the date of sale with respect to the Bonds, which final Official Statement shall include the terms of the Bonds, are hereby approved and authorized for delivery to the purchasers of the Bonds.

### V.

**BE IT FURTHER RESOLVED BY THE BOARD** that (a) the Tax Compliance Agreement dated the date determined jointly by the Vice President for Business and Finance and the Secretary/Treasurer of the Corporation among the Board, the Corporation and the Trustee named in the Bond Resolution (the “**Trustee**”) in the form attached hereto as **Exhibit F** and made a part hereof by reference, to demonstrate

compliance with the requirements of Internal Revenue Code of 1986, as amended, and the applicable regulations thereunder with respect to the Bonds, and (b) the Continuing Disclosure Agreement dated the date determined by the Vice President for Business and Finance between the Board and the Trustee to demonstrate compliance with the requirements of Rule 15c2-12 of the Securities and Exchange Commission with respect to the Bonds in the form attached hereto as **Exhibit G** and made a part hereof by reference, are each hereby approved, adopted, ratified and affirmed, together with such changes, additions, deletions or modifications and the Chair of the Board, University counsel and bond counsel shall approve as being in the best interests of the Board and the University of Nebraska.

#### **VI.**

**BE IT FURTHER RESOLVED BY THE BOARD** that the members and officers of the Board and the officials of the University of Nebraska, or any of them, be, and they hereby are, and each of them hereby is, authorized and directed to take any and all action including the execution of all papers, certificates, receipts and documents, they or any of them may deem necessary or desirable to effectuate, in accordance with the terms of this Resolution the delivery of and payment for the Bonds.

#### **VII.**

**BE IT FURTHER RESOLVED BY THE BOARD** that all actions heretofore taken for or on behalf of, or in the name of the Board, by any of the members of officers thereof or by any officers of the University of Nebraska with respect to the authorization or offering for sale of the Bonds are hereby validated, ratified and confirmed.

#### **VIII.**

**BE IT FURTHER RESOLVED BY THE BOARD** that the Vice President for Business and Finance may, if he determines the same to be in the best interests of the Board and the University of Nebraska, consolidate the issuance of the UNL NanoScience Center Bonds with the issuance of all or a part of (a) the UNL Animal Research Facility Renovation Bonds approved under Agenda Item X-B-4 at the January 18, 2008 meeting of the Board and (b) the UNL Whittier Building Renovation Bonds approved under Agenda Item X-B-6 at the January 18, 2008 meeting of the Board, and authorize the issuance of all or part of each of

the UNL NanoScience Center Bonds, the UNL Animal Research Facility Renovation Bonds and the UNL Whittier Building Renovation Bonds as one or more series of Bonds of the Corporation. Upon such determination by the Vice President for Business and Finance, he shall be and hereby is authorized and directed (1) to effect such changes, additions, deletions or modifications to the Financing Agreement, the Bond Resolution, the Bond Purchase Agreement, the Inducement Letter, the Tax Compliance Agreement, the Continuing Disclosure Agreement, the Preliminary Official Statement, the final Official Statement and all other papers, certificates, receipts and documents as may be required for such purposes and (2) to take and authorize such other actions as shall be necessary in his judgment and discretion to issue all or part of each of the UNL NanoScience Center Bonds, the UNL Animal Research Facility Renovation Bonds and the UNL Whittier Building Renovation Bonds as one or more series of Bonds of the Corporation.



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

Business Affairs

MEETING DATE: January 18, 2008

SUBJECT: Financing for the Whittier Building Renovation Project at the University of Nebraska-Lincoln

RECOMMENDED ACTION: Approve the Resolution for the Whittier Building Renovation Project which (1) approves the issuance by The University of Nebraska Facilities Corporation of not to exceed \$17,000,000 principal amount of UNL Whittier Building Renovation Bonds, some or all of which may be taxable, pursuant to a Bond Resolution of the Corporation, (2) authorizes the execution and delivery of a Financing Agreement, a Continuing Disclosure Agreement, a Tax Compliance Agreement (if required), an Inducement Letter and a Preliminary Official Statement in connection with the sale of such Bonds, (3) authorizes the sale of such Bonds at a negotiated sale pursuant to a Bond Purchase Agreement and authorizes the Vice President for Business and Finance to determine interest rates (not to exceed a true interest cost of 7.0%), principal amounts, principal maturities, redemption provisions and the amount of such Bonds to be issued as taxable Bonds, and (4) approves the preparation and use of a final Official Statement.

PREVIOUS ACTION: September 6, 2007 – The Board of Regents approved the selection of Sinclair Hille Architects to provide design services for the Whittier Building Renovation Project at the University of Nebraska-Lincoln.

June 14, 2007 - The Board of Regents approved the Program Statement and budget for the UNL Whittier Building Renovation Project.

November 11, 2005 – The Board of Regents approved the Program Statement and Budget for the renovation of the Whittier Building north annex for a University Child Care Center.

EXPLANATION: This project renovates a portion of an 84-year old landmark and is comprised of three components: (1) a full renovation and upgrading of the infrastructure of the Whittier Building and its North Annex, (2) renovation of approximately 50% of the main building to provide research laboratory, office, and support space for use by various research programs at UNL, and (3) renovation of the North Annex to make affordable, high-quality child development services available to faculty, staff and students in a convenient location.

Space will be reconfigured to better meet the present and future programmatic needs of the building's occupants. The project will replace the building's mechanical and electrical systems, correct fire and life safety and accessibility deficiencies, and eliminate the presence of asbestos-containing materials.

It is anticipated that the majority (if not all) of the bonds sold to finance the Whittier Project will be issued on a taxable basis. The taxable status

of the bonds is guided by IRS rules and regulations regarding how the space is used, as well as the source of revenues used to repay the bonds. Issuing the bonds on a taxable basis removes any restrictions regarding the use of the space for either research or incubator purposes. It also provides flexibility to UNL in selecting either public or private participants to utilize the space in the future.

If it is financially advantageous and tax rules allow it, some portion of these bonds may be issued on a tax-exempt basis, thereby lowering interest rates and debt payments. The University of Nebraska Facilities Corporation Bonds financing the project will be issued with a final maturity not later than 21 years from the date of issuance. Current bond market conditions would provide an average interest rate of something less than 6.25% on the Bonds. The annual debt service (principal and interest) for the Bonds will be repaid using facilities and administrative (F&A) funds and gifts estimated at \$10 million.

Members of the public and the news media may obtain a copy of the proposed documents 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:	Proposed size of Issue	\$17,000,000
	Less: Deposit to Debt Service Reserve	(1,700,000)
	Cushion for Interest Rate Changes and OID/OIP	(985,000)
	Costs of Issuance, Rounding	<u>(225,000)</u>
	Bond proceeds, net	14,090,000
	Cash and gifts in hand	9,250,000
	Construction Fund Interest	<u>410,000</u>
	Total Project Cost	<u>\$23,750,000</u>

SOURCE OF FUNDS: F&A Funds  
Private Donations

SPONSORS: Christine A. Jackson  
Vice Chancellor for Business and Finance  
  
David E. Lechner  
Vice President for Business and Finance

RECOMMENDED: Harvey Perlman, Chancellor  
University of Nebraska-Lincoln  
  
James B. Milliken, President  
University of Nebraska

DATE: December 13, 2007

## RESOLUTION

### I.

#### **BE IT RESOLVED BY THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA**

(the “**Board**”) that the Financing Agreement between the Board and The University of Nebraska Facilities Corporation (the “**Corporation**”) dated the date determined jointly by the Vice President for Business and Finance and the Secretary/Treasurer of the Corporation with respect to financing the Whittier Building Renovation at the University of Nebraska-Lincoln (the “**Project**”), in the form attached hereto as **Exhibit A** and made a part hereof by reference, is hereby approved, adopted, ratified and affirmed together with such changes, additions, deletions or modifications as the Chair of the Board, University counsel and bond counsel shall approve as being in the best interests of the Board and the University of Nebraska.

### II.

**BE IT FURTHER RESOLVED BY THE BOARD** that the issuance, sale and delivery by the Corporation of its UNL Whittier Building Renovation Bonds in an aggregate principal amount not to exceed \$17,000,000, some or all of which may be issued as taxable bonds, dated the date determined by the Secretary/Treasurer of the Corporation (the “**Bonds**”), together with the terms and provisions of the Bond Resolution dated the date determined by the Secretary/Treasurer of the Corporation and adopted by the Board of Directors of the Corporation (the “**Bond Resolution**”), a copy of which is attached hereto as **Exhibit B** and pursuant to which the Bonds will be issued, are hereby approved, adopted, ratified and affirmed together with such changes, additions, deletions or modifications as the Chair of the Board, University counsel and bond counsel shall approve as being in the best interests of the Board and the University of Nebraska. The Vice President for Business and Finance, on behalf of the Board, is hereby authorized and directed to approve the aggregate principal amount of Bonds to be issued (not to exceed \$17,000,000), the amount to be issued as taxable bonds and the amount to be issued as tax-exempt bonds, together with the principal maturities, interest rates and redemption provisions thereof and to take all necessary actions and execute all necessary documents to effect the sale of the Bonds.

### III.

**BE IT FURTHER RESOLVED BY THE BOARD** that the Vice President for Business and Finance is hereby authorized and directed to approve the sale of the Bonds by negotiated sale at an average interest cost not to exceed seven percent (7.0%) to Ameritas Investment Corp. (the “**Underwriter**”) pursuant to (a) a Bond Purchase Agreement between the Corporation and the Underwriter and (b) an Inducement Letter from the Board to the Corporation and the Underwriter, each dated the date determined jointly by the Vice President for Business and Finance and the Secretary/Treasurer of the Corporation, in the forms presented to the Board as **Exhibit C** and **Exhibit D**, respectively, and made a part hereof by this reference, which Bond Purchase Agreement and Inducement Letter are hereby adopted, ratified, affirmed and approved, together with such changes or modifications as the Chair of the Board, University counsel and bond counsel shall approve as being in the best interests of the Board and the University of Nebraska.

### IV.

**BE IT FURTHER RESOLVED BY THE BOARD** that the Preliminary Official Statement of the Corporation with respect to the Bonds, dated the date determined jointly by the Vice President for Business and Finance and the Secretary/Treasurer of the Corporation in the form presented to the Board as **Exhibit E**, together with such changes or modifications as the Chair of the Board, University counsel and bond counsel shall approve as being in the best interests of the Board and the University of Nebraska, and the final Official Statement to be dated as of the date of sale with respect to the Bonds, which final Official Statement shall include the terms of the Bonds, are hereby approved and authorized for delivery to the purchasers of the Bonds.

### V.

**BE IT FURTHER RESOLVED BY THE BOARD** that (a) the Tax Compliance Agreement dated the date determined jointly by the Vice President for Business and Finance and the Secretary/Treasurer of the Corporation among the Board, the Corporation and the Trustee named in the Bond Resolution (the “**Trustee**”) in the form attached hereto as **Exhibit F** and made a part hereof by reference, to the extent

required in connection with the sale of the Bonds to demonstrate compliance with the requirements of Internal Revenue Code of 1986, as amended, and the applicable regulations thereunder, and (b) the Continuing Disclosure Agreement dated the date determined by the Vice President for Business and Finance between the Board and the Trustee to demonstrate compliance with the requirements of Rule 15c2-12 of the Securities and Exchange Commission with respect to the Bonds in the form attached hereto as **Exhibit G** and made a part hereof by reference, are each hereby approved, adopted, ratified and affirmed, together with such changes, additions, deletions or modifications and the Chair of the Board, University counsel and bond counsel shall approve as being in the best interests of the Board and the University of Nebraska.

#### **VI.**

**BE IT FURTHER RESOLVED BY THE BOARD** that the members and officers of the Board and the officials of the University of Nebraska, or any of them, be, and they hereby are, and each of them hereby is, authorized and directed to take any and all action including the execution of all papers, certificates, receipts and documents, they or any of them may deem necessary or desirable to effectuate, in accordance with the terms of this Resolution, the delivery of and payment for the Bonds.

#### **VII.**

**BE IT FURTHER RESOLVED BY THE BOARD** that all actions heretofore taken for or on behalf of, or in the name of the Board, by any of the members of officers thereof or by any officers of the University of Nebraska with respect to the authorization or offering for sale of the Bonds are hereby validated, ratified and confirmed.

#### **VIII.**

**BE IT FURTHER RESOLVED BY THE BOARD** that the Vice President for Business and Finance may, if he determines the same to be in the best interests of the Board and the University of Nebraska, consolidate the issuance of the UNL Whittier Building Renovation Bonds with the issuance of all or a part of (a) the UNL NanoScience Center Bonds approved under Agenda Item X-B-5 at the January 18, 2008 meeting of the Board and (b) the UNL Animal Research Facility Renovation Bonds approved under

Agenda Item X-B-4 at the January 18, 2008 meeting of the Board, and authorize the issuance of all or part of each of the UNL Whittier Building Renovation Bonds, the UNL NanoScience Center Bonds and the UNL Animal Research Facility Renovation Bonds as one or more series of Bonds of the Corporation. Upon such determination by the Vice President for Business and Finance, he shall be and hereby is authorized and directed (1) to effect such changes or modification to the Financing Agreement, the Bond Resolution, the Bond Purchase Agreement, the Inducement Letter, the Tax Compliance Agreement, the Continuing Disclosure Agreement, the Preliminary Official Statement, the final Official Statement and all other papers, certificates, receipts and documents as may be required for such purposes and (2) to take and authorize such other actions as shall be necessary in his judgment and discretion to issue all or part of each of the UNL Whittier Building Renovation Bonds, the UNL NanoScience Center Bonds and the UNL Animal Research Facilities Renovation Bonds as one or more series of Bonds of the Corporation.

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

Business Affairs

MEETING DATE: January 18, 2008

SUBJECT: Exchange and conveyance of real property between the Board of Regents and WRK, LLC in connection with the University of Nebraska-Lincoln Arts and Humanities project

RECOMMENDED ACTION: Approve the exchange and conveyance of real property between the Board of Regents and WRK, LLC.

PREVIOUS ACTION: None

EXPLANATION: Approval of this agenda item will authorize acceptance of a proposed offer from WRK, LLC for the Board of Regents to acquire both WRK-owned property at 1001 and 1101 Y Street (the Y Street property) and WRK's option to purchase the northeast corner of Block 21 in exchange for University-owned property at 8<sup>th</sup> and R Streets in downtown Lincoln plus other consideration. (See attached maps A, B and C.) This action will further authorize execution of agreements, deed(s) and other instruments necessary to make the exchange.

The planned UNL Arts and Humanities Center will help create a strong image for the University at this high visibility corner in the Haymarket area of downtown Lincoln. This exchange facilitates assemblage of property for that Center. The University already owns the southeast corner of Block 21 and after the exchange the combined east half of Block 21 creates the footprint for the future site of the planned museum/exhibition facility.

The Y Street property that is gained will be utilized for the University Press and, because of its proximity to campus, has potential for parking or other uses. The exchange is based on independent appraisals obtained by the University. The estimated value for the Y Street property is approximately \$1,035,000, for which the University will give the 8<sup>th</sup> and R Street property plus pay other consideration. WRK has also negotiated a purchase agreement with the current owner of the northeast corner of Block 21 (9<sup>th</sup> and S Streets in downtown Lincoln) to acquire the same for additional consideration of \$1,100,000.

Since the Regents' policy on the disposal of real property does not permit the sale of the subject parcel to WRK without a public auction or sealed bid public sale, the approval of this exchange would waive this requirement.

Maps B and C show the proposed parcels to be exchanged.

General Counsel's office has reviewed an environmental site assessment for the Y street property and is of the opinion that the University has

utilized reasonable steps for conducting all appropriate inquiries to qualify for landowner liability protection under applicable environmental law. Prior to closing the purchase of the northeast corner of Block 21, the standard All Appropriate Inquiries environmental testing will be performed.

Members of the public and news media may obtain a copy of the proposed WRK Offer 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: \$285,000 (final amount pending appraisal)

SOURCE OF FUNDS: Auxiliary Funds

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

RECOMMENDED: Harvey Perlman, Chancellor  
University of Nebraska-Lincoln

DATE: December 18, 2007



**MAP A**  
**CURRENT OWNERSHIP**  
**BLOCK 21**



# MAP B

## PROPOSED OWNERSHIP BLOCK 21



# MAP C

## 1001 and 1101 Y STREET PROPERTY



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

MEETING DATE: January 18, 2008

SUBJECT: Purchase of Water-for-Injection Storage and Distribution System at the University of Nebraska-Lincoln

RECOMMENDED ACTION: Approve the purchase of Water-for-Injection Storage and Distribution System at the University of Nebraska-Lincoln (UNL).

PREVIOUS ACTION: None

EXPLANATION: The purchase of the Water-for-Injection Storage and Distribution System will be used to store and distribute Water for Injection (WFI) quality water for the future cGMP Production Pilot Plant located in Othmer Hall. This quality of water is required for production of Phase I/II parenteral material. In order to meet specifications set forth by the FDA, a continuous circulation loop is required with significant monitoring and controls. This WFI System was a result of the bid process and Modular BioPharm Systems was the lowest responsive bidder.

PROJECT COST: \$432,501

SOURCE OF FUNDS: Federal Funds

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

RECOMMENDED: Harvey Perlman, Chancellor  
University of Nebraska-Lincoln

DATE: December 13, 2007

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

Business Affairs

MEETING DATE: January 18, 2008

SUBJECT: Change Order to the contract for the Renovation of Abel-Sandoz Residence Halls and Dining Center project at the University of Nebraska-Lincoln

RECOMMENDED ACTION: Approve a Change Order to the contract for the Renovation of Abel-Sandoz Residence Halls and Dining Center project at the University of Nebraska-Lincoln (UNL).

PREVIOUS ACTION: June 14, 2007 – The Board of Regents approved the Program Statement, Budget and Fund Transfers for the Renovation of Abel-Sandoz Residence Halls at UNL.

EXPLANATION: This action, if approved, allows the transfer of existing budget between construction budget line items to make improvements to the project in the amount of \$904,348. While described as a change order, the overall budget will not change as a result of this action. The change order will add a new accessible entrance to the Abel-Sandoz Dining Center from the new Welcome Center by adding a new stairway and elevator, and install condensing boilers and hot water heaters to serve the Abel-Sandoz Complex.

During design it was determined that including new stairs and elevator to the Dining Center would be feasible within the existing budget while still conserving adequate contingency.

Cost to add new stairway	\$115,793
Cost to add new elevator	155,509

During design, Housing staff in conjunction with the project contractor and engineers, reconsidered the life-cycle cost of an alternate heat source. While initially more costly, the reduction in operating costs over time justifies the added cost because the alternate system is more efficient in this residential application than the campus system. Return on this investment is approximately 20 years.

Incremental cost of alternate heating equipment	\$633,046
---	-----------

The current budget has sufficient contingency to accommodate these changes. The change order will reduce the contingency for this project by \$904,348 and increase the construction budget by the same amount. These changes will not affect the project schedule.

<u>Construction Costs</u>	<u>Original Budget</u>	<u>Proposed Change</u>	<u>New Budget</u>
Construction Contract	\$33,676,550	\$904,348	\$34,580,898
Construction Contingency	2,849,750	(904,348)	1,945,402
Other Construction Costs	<u>424,000</u>		<u>424,000</u>
Subtotal of Construction Costs and Contingency	36,950,300		36,950,330
Non-Construction Costs	<u>3,785,700</u>		<u>3,785,700</u>
Total Project Cost	<u>\$40,736,000</u>		<u>\$40,736,000</u>

PROJECT COST:

\$40,736,000

ON-GOING FISCAL  
IMPACT:

Annual Operating Costs  
1% Assessment

\$18,750  
N/A

SOURCE OF FUNDS:

Revenue Bond Proceeds  
Surplus Funds  
Transfer from 2003 Issues

\$28,500,000  
7,136,000  
5,100,000  
\$40,736,000

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 13, 2007

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

MEETING DATE: January 18, 2008

SUBJECT: Assignment of Real Estate Purchase Agreement with Saad Enterprise Riverfront Development Group to the University of Nebraska Foundation

RECOMMENDED ACTION: Approve the assignment of the real estate purchase agreement with Saad Enterprise Riverfront Development Group to the University of Nebraska Foundation.

PREVIOUS ACTION: June 14, 2007 – The Board of Regents approved a Letter of Intent to exchange land and improvements with Omaha Public Power District; a Letter of Intent to purchase real estate located near Eppley Airport, Omaha, Nebraska; and a Real Estate Purchase Agreement for real estate located near Eppley Airport.

EXPLANATION: Approval of this agenda item will authorize the Board of Regents, the governing body of the University of Nebraska Medical Center (UNMC), to assign the real estate purchase agreement for the property located at 5510 Lindbergh Drive, dated June 14, 2007 to The University of Nebraska Foundation. The University of Nebraska Foundation will purchase the property and will hold title to the real estate and lease it to the Board of Regents on behalf of the University of Nebraska Medical Center pursuant to the Ground Lease. Once the terms of the ground lease are fulfilled, title to the real estate reverts to the Board of Regents.

Members of the public and news media may obtain a copy of the purchase agreement 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: None

SOURCE OF FUNDS: Not applicable

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

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

DATE: December 13, 2007

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

Business Affairs

MEETING DATE: January 18, 2008

SUBJECT: Ground Lease with the University of Nebraska Foundation for Real Estate owned by Saad Enterprises Riverfront Development Group and Robert A. Stratbucker

RECOMMENDED ACTION: Approve a Ground Lease with the University of Nebraska Foundation providing for the lease by the Board of Regents of real property currently owned by Saad Enterprises Riverfront Development Group and Robert A. Stratbucker.

PREVIOUS ACTION: June 14, 2007 – The Board of Regents approved a Letter of Intent to exchange land and improvements with Omaha Public Power District; a Letter of Intent to purchase real estate located near Eppley Airport, Omaha, Nebraska; and a Real Estate Purchase Agreement for real estate located near Eppley Airport.

EXPLANATION: Approval of this agenda item will authorize the Board of Regents, as the governing body of the University of Nebraska Medical Center (UNMC), to enter into a Ground Lease Agreement with the University of Nebraska Foundation for the acquisition of real estate located in the Riverfront Industrial Park, located at approximately 5510 Lindbergh Drive, Omaha, Nebraska. The properties are located near Eppley Airport and currently consist of vacant real estate. The two sites contain approximately 13.2 acres. The property is intended ultimately to be exchanged with Omaha Public Power District for approximately 10.5 acres located adjacent to the UNMC campus.

The transaction will be a lease/purchase financing. Accordingly, the University of Nebraska Foundation will purchase the property for \$1.5 million and lease it to the University of Nebraska Medical Center, which shall be obligated to pay annual ground rent payments to the Foundation in amounts sufficient to fully amortize the principal and interest of such sum over seven (7) years. The interest rate applicable to the Ground Lease Payments shall be set at the Ten Year Treasury Note Rate plus .25%. At the end of the seventh year, any remaining balances will be paid in full and the Ground Lease can be paid off any time within the seven (7) years without penalty. Further, the sums due under the Ground Lease shall become due and payable prior to the time any improvements are made to the property.

The property has been appraised and the Ground Lease payments are consistent with the appraised value. In addition, a Phase I Environmental Site Assessment and an ALTA land title survey of the property has been performed.



Members of the public and news media may obtain a copy of the proposed ground lease 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: \$1,500,000

SOURCE OF FUNDS: Cash 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 13, 2007

TO: The Board of Regents Addendum X-B-12-Revised  
Business Affairs

MEETING DATE: January 18, 2008

SUBJECT: Exchange Agreement between the Omaha Public Power District and the University of Nebraska Medical Center

RECOMMENDED ACTION: Approve an Exchange Agreement between the Omaha Public Power District (OPPD) and the University of Nebraska Medical Center (UNMC) and concurrently waive the requirements for public auction or sealed bid public sale.

PREVIOUS ACTION: June 14, 2007 – The Board of Regents approved a Letter of Intent to exchange land and improvements with Omaha Public Power District; a Letter of Intent to purchase real estate located near Eppley Airport, Omaha, Nebraska; and a Real Estate Purchase Agreement for real estate located near Eppley Airport.

EXPLANATION: Approval of this agenda item will authorize the Board of Regents, the governing body of the University of Nebraska Medical Center, to enter into an Exchange Agreement whereby approximately 10.5 acres and improvements of property currently owned and occupied by OPPD (“OPPD Parcel”) located adjacent to the UNMC campus would be exchanged for like property and improvements located at 5510 Lindbergh Drive, Omaha, Nebraska, currently owned by Saad Enterprises Riverfront Development Group and Robert A. Stratbucker (“Exchange Parcel”), which Exchange Parcel shall be acquired by the University of Nebraska Foundation. Once the ground lease terms are fulfilled, the exchange parcel will be improved so that the two properties to be exchanged will be approximately the same in value. The Exchange Agreement provides further details to allow the parties to equalize the exchange. The Exchange Parcel located near Eppley Airport consists of 13.2 acres and will have improvements similar to those in the current OPPD Parcel located adjacent to the UNMC campus. It is anticipated that this exchange would not occur any sooner than 2012 based on UNMC’s facilities development plan.

Both the OPPD Parcel and the Exchange Parcel have been appraised and a Phase I Environmental Site Assessment and an ALTA land title survey have been performed.

UNMC has utilized reasonable steps for conducting all appropriate inquiries to qualify for landowner liability protection under applicable environmental law.


Since the Regents’ policy on the disposal of real property does not permit the sale of the subject parcels without a public auction or sealed bid public sale, the approval of this exchange would waive this requirement.

Members of the public and news media may obtain a copy of the proposed Exchange Agreement 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: TBD

SOURCE OF FUNDS: Not applicable

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

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

DATE: January 18, 2008

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

Business Affairs

MEETING DATE: January 18, 2008

SUBJECT: Architect selection for the construction of the Geriatric Center at the University of Nebraska Medical Center

RECOMMENDED ACTION: Approve the selection of HDR Architecture Inc., to provide architectural design services for the construction of the Geriatric Center at the University of Nebraska Medical Center (UNMC).

PREVIOUS ACTION: November 9, 2007– The Board of Regents approved the program statement and budget for the construction of the Geriatric Center building on the UNMC campus.

EXPLANATION: A committee consisting of the Assistant Vice President for Business and Finance/Director of Facilities Management and Planning and four representatives from UNMC Facilities Management and Planning has selected HDR Architecture Inc., to provide architectural design services for the Geriatric Center. This firm was selected from a field of seven firms submitting proposals for the project. All firms on the University of Nebraska list of certified architectural and engineering firms were initially contacted. A contract will be negotiated within the amount shown in the approved project budget.

Proposed start of construction: August 2008  
Proposed completion of construction: August 2009

PROJECT COST: \$10,196,000

ON-GOING FISCAL IMPACT: Operating and Maintenance \$ 72,659  
1% Assessment 101,960

SOURCE OF FUNDS: Private Donations

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

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

DATE: December 13, 2007

TO: The Board of Regents Addendum X-B-14

Business Affairs

MEETING DATE: January 18, 2008

SUBJECT: Architectural design services for the Health, Physical Education and Recreation Addition and Renovation at the University of Nebraska at Omaha

RECOMMENDED ACTION: Approve the architectural firm of RDG Planning & Design for design services for Health, Physical Education and Recreation (HPER) Addition and Renovation at the University of Nebraska at Omaha (UNO).

PREVIOUS ACTION: June 14, 2007 – The Board of Regents approved the Program Statement and Budget for the Health, Physical Education and Recreation facility expansion and renovation at the University of Nebraska at Omaha.

EXPLANATION: A nine member review/selection committee consisting of the Assistant Vice President for Business and Finance/Director of Facilities Planning and Management, one representative each from HPER, Campus Recreation, Student Affairs, and Student Services, and three representatives from the UNO Facilities Management and Planning office has selected RDG to provide the design services for the HPER addition and renovation.

This firm was selected from a field of eleven firms submitting proposals for the project. All firms on the University of Nebraska list of certified architectural and engineering firms were initially contacted. The review and selection process was conducted in accordance with the Board policy. A contract for design services will be negotiated within the program statement budget.

This project is proposed to be constructed using the Construction Manager at Risk model.

Proposed start of construction	July 2008
Proposed completion of construction	July 2010

PROJECT COST: \$38,590,000

ON-GOING FISCAL IMPACT:	Annual Operation and Maintenance	\$406,300
-------------------------	----------------------------------	-----------

SOURCE OF FUNDS: Revenue Bonds

SPONSOR: Julie Totten  
Interim Vice Chancellor for Business & Finance

RECOMMENDED: John Christensen, Chancellor  
University of Nebraska at Omaha

DATE: December 13, 2007

TO: The Board of Regents Additional Item  
Business Affairs Addendum X-B-15

MEETING DATE: January 18, 2008

SUBJECT: Budget increase for the Michael F. Sorrell Center for Health Science Education project to construct a student plaza adjacent to the new education building on the campus of the University of Nebraska Medical Center

RECOMMENDED ACTION: Approve a budget increase in the amount of \$5,000,000 for the Michael F. Sorrell Center for Health Science Education project to construct a student plaza adjacent to the new education building on the campus of the University of Nebraska Medical Center (UNMC).

PREVIOUS ACTION: September 8, 2006 –The Board of Regents approved financing for the Michael F. Sorrell Center for Health Science Education project at the University of Nebraska Medical Center.

March 3, 2006 – The Board of Regents approved the naming for 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 of Regents approved the program statement and budget for the UNMC Center for Health Science Education Building.

EXPLANATION: The Michael F. Sorrell Center for Health Science Education project (Sorrell Center) provides for the construction of a new 134,183 gross square foot, four-story education building to be located on the northeast corner of 42nd and Emile Streets on the UNMC campus in Omaha. The new structure will create a home for the education activities of the College of Medicine and will provide campus-wide education support resources.

The state-of-the-art Sorrell Center will house technologically enhanced classrooms, patient-focused clinical skills laboratories, a multi-purpose conference space for continuing education and campus events, and important student interaction space. The Sorrell Center will also enhance interdisciplinary educational opportunities for students while creating a “heart of the campus” and a hub of campus activity.

To further enhance campus life and develop a clear sense of academic place, the 2006-2015 UNMC Facilities Development Plan proposed the concept of creating a clearly identifiable academic campus area by the careful placement of additional green space, pedestrian pathways and new education buildings. Current site plans for the Sorrell Center initiate the development of that concept by constructing a series of paved terrace levels on the north side of the building to transition from the elevation of 42nd Street to the much higher elevation of 40th Street to the east. The series of elevation changes terminates in a large campus greenway sited approximately between 41st and 40th Streets.

The proposed scope and budget change will further develop the academic campus area by constructing a large student plaza at the west end of the campus greenway. The student plaza will be designed to serve as a central outdoor area for student and campus activities during favorable weather and be convertible into a mechanically frozen ice rink during colder months. The project will also construct an architectural and/or sculptural campus identification monument,

similar in concept to the iconic Henningson Memorial Campanile at UNO and the various campus identifying, architectural and sculptural features at UNL and UNK. A preliminary location for the campus monument has been identified at the east end of the campus greenway.

Greenway landscaping will also be extended from the proposed student plaza to the College of Nursing to the north, replacing a previously vacated section of 41st Street.

The student plaza, ice rink and greenway extension will be designed by the architect for the Sorrell Center. The designer for the proposed campus identification monument will be selected by conducting a national competition coordinated by the architect for the Sorrell Center. The final location for the monument will be determined as the winning design is selected. Change orders will be negotiated with the contractor for the Sorrell Center to construct the student plaza, ice rink and greenway extension. Construction work for the campus monument will be bid.

The recommended scope change will require a project budget increase of \$5,000,000. Construction costs will increase by \$4,250,000. The \$750,000 balance of the proposed budget increase will provide for non-construction costs, including professional fees.

	Proposed start of construction	March 2008
	Proposed completion of construction	August 2010
PROJECT COST:	Original Budget	\$52,700,000
	Budget Changes:	
	Construction Costs	4,250,000
	Non-Construction Costs	<u>750,000</u>
	Total Budget Change	<u>5,000,000</u>
	Revised Project Budget	<u>\$57,700,000</u>
ON-GOING FISCAL IMPACT:	Operating and Maintenance (FY 2006/2007)	\$ 1,411,566
	1% Total Assessment	\$ 577,000
	(Includes incremental O&M of \$0 and incremental 1% assessment of \$50,000)	
SOURCE OF FUNDS:	Original Donations and Other Funds	\$52,700,000
	Budget Change Funding: Private Donations	<u>5,000,000</u>
	Total Funding, As Amended	<u>\$57,700,000</u>
SPONSOR:	Donald S. Leuenberger Vice Chancellor for Business & Finance	
RECOMMENDED:	Harold M. Maurer, M.D., Chancellor University of Nebraska Medical Center	
DATE:	January 10, 2008	

**C. FOR INFORMATION ONLY**

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



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

MEETING DATE: January 18, 2008

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.

RECOMMENDED: James B. Milliken, President  
University of Nebraska

DATE: December 13, 2007

Alignment of the University's Strategic Goals with Board of Regents Agenda Items  
January 18, 2008, Meeting

- 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.**
  - Academic Affairs committee presentation on graduation rates and need-based financial aid update
  - Preliminary discussion of the FY 2008-09 budget including tuition
  - Preliminary discussion of development of the biennial budget request
  - Report on programs with tuition variances
  
- 2. The University of Nebraska will build and sustain undergraduate, graduate and professional programs of high quality with an emphasis on excellent teaching.**
  - Approve Bachelor of Science in Turfgrass and Landscape Management at UNL
  - Approve the Center for Plant Science Innovation at UNL
  - Report on expedited approval of several UNO Graduate Certificate programs related to Computer Science
  - Report on expedited approval of the UNL Graduate Certificate Program in Teaching of Writing
  - Report on Fall 2007 Tenure Density
  
- 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.**
  - Approve Bachelor of Science in Turfgrass and Landscape Management at UNL
  - Business Affairs committee discussion of the Nebraska Innovation Campus
  
- 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.**
  - Business Affairs committee discussion of the Nebraska Innovation Campus
  - Approve the Center for Plant Science Innovation at UNL
  - Approve the purchase of Water-for-Injection Storage and Distribution System at UNL
  
- 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.**
  - Business Affairs committee discussion of the Nebraska Innovation Campus
  - Approve Bachelor of Science in Turfgrass and Landscape Management at UNL
  - Approve Program Statement and Budget for the Animal Research Facility renovation at UNL
  - Approve the exchange and conveyance of real property with WRK,LLC for the planned UNL Arts and Humanities Center
  
- 6. The University of Nebraska will be cost effective and accountable to the citizens of the state.**
  - Academic Affairs committee update on Student Information System
  - Business Affairs committee presentation on Administrative/Business Efficiencies
  - Business Affairs committee presentation on Facilities and Administrative (F&A) Funds
  - Approve the acceptance of audited financial statements of the University of Nebraska
  - Approve the naming of the new Geriatric Center at UNMC
  - Report on programs with tuition variances
  - Quarterly report on bids and contracts

- Various actions or reports related to capital construction projects (non-LB 605):
  - Report on changes in construction projects by budget or use categories
  - Change order for renovation of Abel-Sandoz Residences Halls and Dining Center project at UNL
  - Issuance of bonds for the Animal Research Facility and Whittier Building renovations and the NanoScience Center Project at UNL
  - Agreements and a ground leases relating to acquisition or exchange of property of interest to UNMC
  - Selection of HDR Architecture Inc. for design services for the Geriatric Center at UNMC
  - Selection of RDG Planning and Design for design services related to the HPER addition and renovation at UNO
  - Design reports for the Animal Science Complex and Keim Hall renovations and Jackie Gaughan Multicultural Center construction at UNL
- Report on the University of Nebraska's participation in the Voluntary System of Accountability

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

MEETING DATE: January 18, 2008

SUBJECT: 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.

RECOMMENDED: James B. Milliken, President  
University of Nebraska

DATE: December 13, 2007

# Strategic Framework Accountability Measure Reporting and Updating Calendar

Revised January 1, 2008

<u>Board Meeting Date</u>	<u>Academic Affairs Committee</u>	<u>Business Affairs Committee</u>
January 18, 2008	Graduation Rates [1-b-iii]	Administrative/Business Efficiencies [6-a-iii] Need-Based Financial Aid [1-a-iii] *
March 7, 2008	None	Faculty Merit Compensation [2-a-i]
April 18, 2008	Research [4-a-i] Entrepreneurship [3-d] Student Learning Assessment [6-f-i]	None
June 13, 2008	None	State Funding [1-a-i] ** Tuition [1-a-ii] **
July 19, 2008	None	None
September 5, 2008	Gender/Minority Faculty Equity [2-a-iii]	Need-Based Financial Aid [1-a-iii] Merit-based Scholarships [3-b-ii]
November 7, 2008	Enrollment [1-b-i] Nebraska Top 25% [3-b-i] Nonresident Students [3-c-i]	LB 605 [4-a-iii]
January 2009	Graduation Rates [1-b-iii]	Administrative/Business Efficiencies [6-a-iii]
March 2009	Workforce Development [2-c-iii]	Faculty Merit Compensation [2-a-i]

\* In January 2008, the Board will consider the President's plan to expand the University's Tuition Assistance Program

\*\* In June 2008, state funding and tuition goals would be established for FY 2009-10 and FY 2010-11 based on biennial budget request approved at this meeting

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

MEETING DATE: January 18, 2008

SUBJECT: Current version of the University of Nebraska Strategic Framework

RECOMMENDED ACTION: For Information Only

PREVIOUS ACTION: None

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

RECOMMENDED: James B. Milliken, President  
University of Nebraska

DATE: December 13, 2007

## **INVESTING IN NEBRASKA'S FUTURE**

### **Strategic Planning Framework -- Accountability Measures**

### **An Implementation Tool for the Board of Regents and University Leadership**

**2007-2010**

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. The future of the State of Nebraska is closely tied to that of its only public university, and this framework will guide 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 programs, workforce and economic development, research growth, engagement with the state, and accountability. Each goal has a number of related objectives which will be prioritized, and strategies and accountability measures will be developed for Board and university-wide monitoring over a multi-year period.

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 mature and/or ongoing strategic planning efforts of the four campuses. Each campus has established a set of quality indicators with metrics that provide a means to evaluate achievement and momentum related to many of these objectives. Additional indicators will be developed to address each objective consistent with campus missions.

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. Maintain an affordable cost of education.

*i. Secure state funding sufficient to support excellent programs.*

Reporting Period	Accountability Measure	Report Date	Reporting Committee
FY 2008-09	Achieve an increase in state funding that meets or exceeds the Higher Education Price Index (HEPI).	June 2008	Business
FY 2009-10	TBD (June 2008)	June 2009	Business
FY 2010-11	TBD (June 2008)	June 2010	Business

*ii. Keep tuition increases moderate and predictable.*

Reporting Period	Accountability Measure	Report Date	Reporting Committee
FY 2008-09	No greater than 5% + 1% LB 605 assessment	June 2008	Business
FY 2009-10	TBD (June 2008 )	June 2009	Business
FY 2010-11	TBD (June 2008)	June 2010	Business

*iii. Increase support for need-based financial aid.*

Reporting Period	Accountability Measure	Report Date	Reporting Committee
FY 2007-08	<ol style="list-style-type: none"> <li>1) In January, 2008, the Board will consider the President's plan to expand the University's Tuition Assistance Program to provide a significant level of additional financial aid.</li> <li>2) Achieve a \$1 million increase in state support for need-based financial aid resulting in an additional award to the University through the Nebraska State Grant program of \$387,000.</li> <li>3) Increase private funds raised by \$6 million (endowment and/or spendable).</li> </ol>	Jan. 2008 and Sept. 2008	Business
FY 2008-09	Implement the plan to expand the Tuition Assistance Program from January, 2008.	Sept. 2009	Business
FY 2009-10	Report on the implementation, including results, of the plan to expand the Tuition Assistance Program.	Sept. 2010	Business

b. Increase the percentage of Nebraska high school graduates who enroll at and graduate from the university.

*i. The University of Nebraska shall increase its overall enrollment.*



Reporting Period	Accountability Measure	Report Date	Reporting Committee
Fall 2008	1.5% annually	Nov. 2008	Academic
Fall 2009	Increase undergraduate enrollment 1.5% annually.	Nov. 2009	Academic
Fall 2010	Increase undergraduate enrollment 1.5% annually.	Nov. 2010	Academic

ii. *Each campus shall exceed the average undergraduate freshman-to-sophomore retention rate of its peer institutions.*

iii. *Each campus shall maintain or reach the average undergraduate six-year graduation rate of its peer institutions.*

Reporting Period	Accountability Measure	Report Date	Reporting Committee
2005-06 Academic Year	1) Each campus will maintain or show progress toward reaching 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. 2008	Academic
2006-07 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. 2009	Academic
2007-08 Academic Year	TBD (Jan. 2008)	Jan. 2010	Academic

iv. *Each campus shall endeavor to increase the enrollment of students of color, employing measures permitted by state and federal law.*

v. *The university shall engage in partnerships with other higher education institutions, K-12, and the private sector to increase the overall college going rate in Nebraska.*

c. Increase the percentage of persons of color and the economically disadvantaged who enroll at and graduate from the university, 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 and success in higher education.

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 women and persons of color.

- i. *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 2006-07	1) Demonstrate significant progress toward the goal of each campus exceeding the midpoint of its peers in faculty salaries by FY 2009. 2) All salary increases should be awarded, to the extent possible, on the basis of merit.	March 2008	Business
FY 2007-08	Once the midpoint of peers has been exceeded, establish an exceptional merit fund to provide additional incentives related to performance.	March 2009	Business
FY 2008-09	TBD (March 2008)	March 2010	Business

- ii. *Each campus shall conduct campus climate surveys and minimize the differences in assessment of climate among various groups of employees, especially women and persons of color.*
- iii. *Each campus shall endeavor to exceed the average of its peers in the proportion of the faculty who are women or persons of color, employing measures permitted by state and federal law.*

Reporting Period	Accountability Measure	Report Date	Reporting Committee
Fall 2007	Increase the percentage of total NU faculty who are women or persons of color over Fall 2006 figures.	Sept. 2008	Academic
Fall 2008	1) Meet or exceed the average of peers in the proportion of faculty who are women or persons of color. 2) Report on other measures of success including the net change in number of faculty who are women or persons of color and the relative rate of change in faculty composition as compared to peers.	Sept. 2009	Academic
Fall 2009	1) Meet or exceed the average of peers in the proportion of faculty who are women or persons of color. 2) Report on other measures of success including the net change in number of faculty who are women or persons of color and the relative rate of change in faculty composition as compared to peers.	Sept. 2010	Academic

- iv. *Secure enactment of the Distinguished Professorship Act.*
- b. Pursue excellence in programs where the university can be a regional, national and/or international leader.
- c. Pursue excellence in programs aligned with the long-term interests of the state.
- i. *Determine key areas of future workforce demand and strengthen or develop curricula and programs 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.*

Reporting Period	Accountability Measure	Report Date	Reporting Committee
Fall 2008	Update the list of university programs addressing workforce needs.	March 2009	Academic
Fall 2009	1) Align university programs to address workforce needs. 2) Provide distance education programs consonant with the university's curriculum to prepare Nebraskans for quality jobs and self-employment opportunities.	March 2010	Academic
Fall 2010	Index and analyze faculty research that may contribute to new workforce opportunities.	March 2011	Academic

- d. Achieve university-wide and campus priorities through the strategic allocation of resources.

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 Nebraska high school students ranking in the top 25 percent of their classes that attend the University of Nebraska.

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

Reporting Period	Accountability Measure	Report Date	Reporting Committee
Fall 2008	Increase enrollment of first-time Nebraska freshmen ranked in the top quartile of their high school graduating class to 45.9%.	Nov. 2008	Academic
Fall 2009	Increase enrollment of first-time Nebraska freshmen ranked in the top quartile of their high school graduating class to 48.9%	Nov. 2009	Academic
Fall 2010	Increase enrollment of first-time Nebraska freshmen ranked in the top quartile of their high school graduating class to 52%.	Nov. 2010	Academic

- ii. *Increase support for merit-based scholarships.*

Reporting Period	Accountability Measure	Report Date	Reporting Committee
FY 2007-08	Increase private funds raised by \$6 million (endowment and/or spendable).	Sept. 2008	Business
FY 2008-09	Increase private funds raised by \$9 million (endowment).	Sept. 2009	Business
FY 2009-10	Increase private funds raised by \$14 million (endowment).	Sept. 2010	Business

c. Increase the number of nonresident students who enroll at the university.

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

Reporting Period	Accountability Measure	Report Date	Reporting Committee
Fall 2008	1) Increase the number of new nonresident undergraduate students by one percent annually. 2) Increase the retention rate of nonresident undergraduate students by one percent annually.	Nov. 2008	Academic
Fall 2009	1) Increase the number of new nonresident undergraduate students by one percent annually. 2) Increase the retention rate of nonresident undergraduate students by one percent annually.	Nov. 2009	Academic
Fall 2010	1) Increase the number of new nonresident undergraduate students by one percent annually. 2) If 2008-09 figures for retention continue the same pattern (of progress as previous years), we will fold retention reporting into the annual report on graduation rates.	Nov. 2010	Academic

d. Improve entrepreneurship education, training and outreach.

Reporting Period	Accountability Measure	Report Date	Reporting Committee
Spring 2008	1) Organize a University-wide entrepreneurship working group to develop a strategic plan. 2) Inventory University entrepreneurship educational, training and outreach programs. 3) Develop website and other media to make the University's entrepreneurship assets widely known across Nebraska.	April 2008	Academic
Spring 2009	TBD (April 2008)	April 2009	Academic
Spring 2010	TBD (April 2008)	April 2010	Academic

e. Increase the global literacy of our students and citizens.

f. Develop and strengthen internship and service learning opportunities with business, education, government, military, and nonprofit organizations.

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.*

Reporting Period	Accountability Measure	Report Date	Reporting Committee
FY 2006-07	1) Increase UNL and UNMC federal research awards from all federal agencies at a rate 20% higher per year than total national federal awards per year on three-year rolling average. 2) Over ten years, double the sponsored awards for instruction, research and public service from all sources at UNO and UNK over 2005-06 awards of approximately \$11.2 million and \$2.3 million (seven percent compounded growth).	April 2008	Academic
FY 2007-08	1) Increase UNL and UNMC federal research awards from all federal agencies at a rate 20% higher per year than total national federal awards per year on three-year rolling average. 2) For UNO and UNK, continue seven percent compounded growth annually.	April 2009	Academic
FY 2008-09	1) Increase UNL and UNMC federal research awards from all federal agencies at a rate 20% higher per year than total national federal awards per year on three-year rolling average. 2) For UNO and UNK, continue seven percent compounded growth annually.	April 2010	Academic

- 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.*
- iii. *Implement LB 605 to repair, renovate and/or replace specific university facilities.*

Reporting Period	Accountability Measure	Report Date	Reporting Committee
Fall 2008	Renovation projects proceeding on budget and on time.	Nov. 2008	Business
Fall 2009	Renovation projects proceeding on budget and on time.	Nov. 2009	Business
Fall 2010	Renovation projects proceeding on budget and on time.	Nov. 2010	Business

- b. Increase undergraduate and graduate student participation in research and its application.
- c. Encourage interdisciplinary, intercampus and inter-institutional collaboration.
- d. Encourage and facilitate the commercialization of research and technology to benefit Nebraska.
- e. Improve the quantity and quality of research space through public and private support.

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. Connect Nebraska cities, institutions, regions and communities through university programs.
  - d. 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 survey data of Nebraska business and industry, including agriculture, to foster more effective relationships with the private sector.*
  - e. Build local, regional, national and international partnerships across public and private sectors.
  
6. The University of Nebraska will be cost effective and accountable to the citizens of the state.
  - a. Allocate resources in an efficient and effective manner.
    - i. Review and ensure administrative best practices in bidding.*
    - ii. Find savings and cost reductions through academic, administrative and business process efficiencies and effectiveness.*

Reporting Period	Accountability Measure	Report Date	Reporting Committee
FY 2008-09	TBD (Jan. 2008)	Jan. 2009	Business
FY 2009-10	TBD (Jan. 2008)	Jan. 2010	Business
FY 2010-11	TBD (Jan. 2008)	Jan. 2011	Business

*iii. Assess priority programs and make appropriate revisions, if any.*

- b. Maximize and leverage non-state support.
  - i. Investigate revenue-generating ventures.*

- c. Create and report performance and accountability measures.
- d. Maximize potential of information technology to support the university's mission.
- e. Implement measures of student learning and success outcomes.
  - i. Compare and improve educational value-added performance.*

<b>Reporting Period</b>	<b>Accountability Measure</b>	<b>Report Date</b>	<b>Reporting Committee</b>
Fall 2007	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.	April 2008	Academic
Fall 2008	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.	April 2009	Academic
Fall 2009	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.	April 2010	Academic

- f. Maintain competitive capital facilities.
  - i. Build a comprehensive long-range capital facilities planning process and provide a six-year capital construction plan, updated quarterly.*

TO: The Board of Regents Addendum X-C-4  
Academic Affairs

MEETING DATE: January 18, 2008

SUBJECT: Current version of the 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.

RECOMMENDED: James B. Milliken, President  
University of Nebraska

DATE: December 13, 2007



# University of Nebraska Strategic Dashboard Indicators (January 18, 2008)

State Funding Change (Indicator 1.a.i) FY2006-07	Tuition Change (Indicator 1.a.ii) FY2007-08	Enrollment Change (Indicator 1.b.i) Fall 2007												
<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 33%;"><u>Target</u></th> <th style="width: 33%;"><u>Performance</u></th> </tr> <tr> <td style="text-align: center;">  3.4%                 </td> <td style="text-align: center;">6.1%</td> </tr> </table>	<u>Target</u>	<u>Performance</u>	3.4%	6.1%	<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 33%;"><u>Target</u></th> <th style="width: 33%;"><u>Performance</u></th> </tr> <tr> <td style="text-align: center;">  No greater than 8%                 </td> <td style="text-align: center;">6.0%</td> </tr> </table>	<u>Target</u>	<u>Performance</u>	No greater than 8%	6.0%	<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 33%;"><u>Target</u></th> <th style="width: 33%;"><u>Performance</u></th> </tr> <tr> <td style="text-align: center;">  1.5%                 </td> <td style="text-align: center;">2.7%</td> </tr> </table>	<u>Target</u>	<u>Performance</u>	1.5%	2.7%
<u>Target</u>	<u>Performance</u>													
3.4%	6.1%													
<u>Target</u>	<u>Performance</u>													
No greater than 8%	6.0%													
<u>Target</u>	<u>Performance</u>													
1.5%	2.7%													
Merit-Based Aid (Indicator 3.b.ii) FY2007-08	Need-Based Aid (Indicator 1.a.iii) FY2007-08	Need-Based Aid (Indicator 1.a.iii) FY2007-08												
<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 33%;"><u>Target</u></th> <th style="width: 33%;"><u>Performance</u></th> </tr> <tr> <td style="text-align: center;"> <input type="checkbox"/> Increase private funds by \$6 million                 </td> <td style="text-align: center;">TBD (Sept. 2008)</td> </tr> </table>	<u>Target</u>	<u>Performance</u>	<input type="checkbox"/> Increase private funds by \$6 million	TBD (Sept. 2008)	<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 33%;"><u>Target</u></th> <th style="width: 33%;"><u>Performance</u></th> </tr> <tr> <td style="text-align: center;"> <input type="checkbox"/> Increase NU state grant funding by \$387,000                 </td> <td style="text-align: center;">TBD (Sept. 2008)</td> </tr> </table>	<u>Target</u>	<u>Performance</u>	<input type="checkbox"/> Increase NU state grant funding by \$387,000	TBD (Sept. 2008)	<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 33%;"><u>Target</u></th> <th style="width: 33%;"><u>Performance</u></th> </tr> <tr> <td style="text-align: center;"> <input type="checkbox"/> Increase private funds by \$6 million                 </td> <td style="text-align: center;">TBD (Sept. 2008)</td> </tr> </table>	<u>Target</u>	<u>Performance</u>	<input type="checkbox"/> Increase private funds by \$6 million	TBD (Sept. 2008)
<u>Target</u>	<u>Performance</u>													
<input type="checkbox"/> Increase private funds by \$6 million	TBD (Sept. 2008)													
<u>Target</u>	<u>Performance</u>													
<input type="checkbox"/> Increase NU state grant funding by \$387,000	TBD (Sept. 2008)													
<u>Target</u>	<u>Performance</u>													
<input type="checkbox"/> Increase private funds by \$6 million	TBD (Sept. 2008)													
Top 25% Enrollment (Indicator 3.b.i) Fall 2007	Women Faculty (Indicator 2.a.iii) Fall 2006	Minority Faculty (Indicator 2.a.iii) Fall 2006												
<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 33%;"><u>Target</u></th> <th style="width: 33%;"><u>Performance</u></th> </tr> <tr> <td style="text-align: center;">  Greater than 42.9%                 </td> <td style="text-align: center;">47.5%</td> </tr> </table>	<u>Target</u>	<u>Performance</u>	Greater than 42.9%	47.5%	<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 33%;"><u>Target</u></th> <th style="width: 33%;"><u>Performance</u></th> </tr> <tr> <td style="text-align: center;">  Increase over 2005                 </td> <td style="text-align: center;">2005=32.45% 2006=32.73%</td> </tr> </table>	<u>Target</u>	<u>Performance</u>	Increase over 2005	2005=32.45% 2006=32.73%	<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 33%;"><u>Target</u></th> <th style="width: 33%;"><u>Performance</u></th> </tr> <tr> <td style="text-align: center;">  Increase over 2005                 </td> <td style="text-align: center;">2005=13.65% 2006=13.85%</td> </tr> </table>	<u>Target</u>	<u>Performance</u>	Increase over 2005	2005=13.65% 2006=13.85%
<u>Target</u>	<u>Performance</u>													
Greater than 42.9%	47.5%													
<u>Target</u>	<u>Performance</u>													
Increase over 2005	2005=32.45% 2006=32.73%													
<u>Target</u>	<u>Performance</u>													
Increase over 2005	2005=13.65% 2006=13.85%													







Six-Year Graduation Rate (Indicator 1.b.iii) AY2004-05	Faculty Salaries (Indicator 2.a.i) FY2006-07																														
<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 33%;"><u>Campus</u></th> <th style="width: 33%;"><u>Target</u></th> <th style="width: 33%;"><u>Performance</u></th> </tr> <tr> <td style="text-align: center;">  UNL                 </td> <td style="text-align: center;">67.7%</td> <td style="text-align: center;">2004=61.6% 2005=63.4%</td> </tr> <tr> <td style="text-align: center;">  UNO                 </td> <td style="text-align: center;">46.4%</td> <td style="text-align: center;">2004=37.2% 2005=38.3%</td> </tr> <tr> <td style="text-align: center;">  UNK                 </td> <td style="text-align: center;">50.2%</td> <td style="text-align: center;">2004=55.2% 2005=55.2%</td> </tr> <tr> <td style="text-align: center;">UNMC</td> <td style="text-align: center;">Not Applicable</td> <td style="text-align: center;">Not Applicable</td> </tr> </table>	<u>Campus</u>	<u>Target</u>	<u>Performance</u>	UNL	67.7%	2004=61.6% 2005=63.4%	UNO	46.4%	2004=37.2% 2005=38.3%	UNK	50.2%	2004=55.2% 2005=55.2%	UNMC	Not Applicable	Not Applicable	<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 33%;"><u>Campus</u></th> <th style="width: 33%;"><u>Target</u></th> <th style="width: 33%;"><u>Performance</u></th> </tr> <tr> <td style="text-align: center;">  UNL                 </td> <td style="text-align: center;">Significant progress toward exceeding midpoint of peers</td> <td style="text-align: center;">2006= -3.4% 2007= -4.3%</td> </tr> <tr> <td style="text-align: center;">  UNO                 </td> <td></td> <td style="text-align: center;">At Midpoint</td> </tr> <tr> <td style="text-align: center;">  UNK                 </td> <td></td> <td style="text-align: center;">At Midpoint</td> </tr> <tr> <td style="text-align: center;">  UNMC                 </td> <td></td> <td style="text-align: center;">2006= -9.9% 2007= -10.9%</td> </tr> </table>	<u>Campus</u>	<u>Target</u>	<u>Performance</u>	UNL	Significant progress toward exceeding midpoint of peers	2006= -3.4% 2007= -4.3%	UNO		At Midpoint	UNK		At Midpoint	UNMC		2006= -9.9% 2007= -10.9%
<u>Campus</u>	<u>Target</u>	<u>Performance</u>																													
UNL	67.7%	2004=61.6% 2005=63.4%																													
UNO	46.4%	2004=37.2% 2005=38.3%																													
UNK	50.2%	2004=55.2% 2005=55.2%																													
UNMC	Not Applicable	Not Applicable																													
<u>Campus</u>	<u>Target</u>	<u>Performance</u>																													
UNL	Significant progress toward exceeding midpoint of peers	2006= -3.4% 2007= -4.3%																													
UNO		At Midpoint																													
UNK		At Midpoint																													
UNMC		2006= -9.9% 2007= -10.9%																													

Federal Research Funding Growth (Indicator 4.a.i) UNL and UNMC FY2005-06	Research/Scholarly Activity Growth (Indicator 4.a.i) UNO and UNK FY2006-07																		
<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 33%;"><u>Campus</u></th> <th style="width: 33%;"><u>Target</u></th> <th style="width: 33%;"><u>Performance</u></th> </tr> <tr> <td style="text-align: center;">  UNL                 </td> <td style="text-align: center;">5.32%</td> <td style="text-align: center;">8.08%</td> </tr> <tr> <td style="text-align: center;">  UNMC                 </td> <td style="text-align: center;">5.32%</td> <td style="text-align: center;">12.06%</td> </tr> </table>	<u>Campus</u>	<u>Target</u>	<u>Performance</u>	UNL	5.32%	8.08%	UNMC	5.32%	12.06%	<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 33%;"><u>Campus</u></th> <th style="width: 33%;"><u>Target</u></th> <th style="width: 33%;"><u>Performance</u></th> </tr> <tr> <td style="text-align: center;"> <input type="checkbox"/> UNO                 </td> <td style="text-align: center;">Double over ten year period from 2005-06</td> <td style="text-align: center;">TBD (Apr. 2008)</td> </tr> <tr> <td style="text-align: center;"> <input type="checkbox"/> UNK                 </td> <td></td> <td style="text-align: center;">TBD (Apr. 2008)</td> </tr> </table>	<u>Campus</u>	<u>Target</u>	<u>Performance</u>	<input type="checkbox"/> UNO	Double over ten year period from 2005-06	TBD (Apr. 2008)	<input type="checkbox"/> UNK		TBD (Apr. 2008)
<u>Campus</u>	<u>Target</u>	<u>Performance</u>																	
UNL	5.32%	8.08%																	
UNMC	5.32%	12.06%																	
<u>Campus</u>	<u>Target</u>	<u>Performance</u>																	
<input type="checkbox"/> UNO	Double over ten year period from 2005-06	TBD (Apr. 2008)																	
<input type="checkbox"/> UNK		TBD (Apr. 2008)																	

**LEGEND:**

Target Met or Exceeded	Progress Toward Target	Target Not Met
------------------------	------------------------	----------------

# University of Nebraska Strategic Dashboard Indicators (January 18, 2008)

	<u>Indicator</u>	<u>Target</u>	<u>Performance</u>
	<b>Four-Year Graduation Guarantee (1.b.iii)</b> AY2005-06	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.
	<b>Faculty Salaries (2.a.i)</b> Fall 2006	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.
	<b>Workforce Demand (2.c.iii)</b> Fall 2007	Compile, analyze and present data on future workforce demand and comparative economic advantages in Nebraska.	Data on workforce demand have been evaluated. The University of Nebraska continues to develop a variety of new programs that will help to address the workforce needs of the state.
	<b>Nonresident Enrollment (3.c.i)</b> Fall 2007	Develop a plan to retain more nonresident undergraduate students.	UNL, UNO and UNK currently have plans in place to retain nonresident undergraduate students.
<input type="checkbox"/>	<b>Entrepreneurship (3.d)</b> Spring 2008	<ol style="list-style-type: none"> <li>1) Organize a University-wide entrepreneurship working group to develop a strategic plan.</li> <li>2) Inventory University entrepreneurship educational, training and outreach programs.</li> <li>3) Develop website and other media to make the University's entrepreneurship assets widely known across Nebraska.</li> </ol>	TBD (Apr. 2008)
	<b>LB 605 (4.a.iii)</b> Fall 2007	Renovation projects proceeding on budget and on time.	All projects proceeding on budget and on time.
	<b>Student Learning Assessment (6.f.i)</b> Fall 2007	<ol style="list-style-type: none"> <li>1) Review performance on standardized examinations and surveys, including the National Survey of Student Engagement and professional licensure examinations.</li> <li>2) Report on participation in pilot programs to measure student learning outcomes, such as the Collegiate Learning Assessment.</li> </ol>	<p>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.</p> <p>UNK and UNL are currently exploring the use of the Collegiate Assessment of Academic Progress (CAAP) as an additional assessment tool, while UNO will be piloting the Collegiate Learning Assessment (CLA) in 2007-08.</p>

**LEGEND:**



Target Met or Exceeded



Progress Toward Target



Target Not Met

**D. REPORTS**

1. Fall 2007 Tenure Density Report Addendum X-D-1
2. Programs with Tuition Variances Addendum X-D-2
3. Expedited approval of the University of Nebraska at Omaha Graduate Certificate Programs in software engineering, communication networks, artificial intelligence and systems & architecture within the graduate program of Computer Science Addendum X-D-3
4. Expedited Approval of the University of Nebraska-Lincoln Graduate Certificate Program in Teaching of Writing Addendum X-D-4
5. Changes in construction projects by budget or use categories Addendum X-D-5
6. Bids and contracts Addendum X-D-6
7. Design Report for the Animal Science Complex Renovation at the University of Nebraska-Lincoln Addendum X-D-7
8. Design Report for the Keim Hall Renovation at the University of Nebraska-Lincoln Addendum X-D-8
9. Design Report for the Jackie Gaughan Multicultural Center at the University of Nebraska-Lincoln Addendum X-D-9
10. Voluntary System of Accountability Addendum X-D-10

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

MEETING DATE: January 18, 2008

SUBJECT: Tenure Density Report

RECOMMENDED ACTION: Report

PREVIOUS ACTION: January 19, 2007 – The Board of Regents accepted the Fall 2006 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.

PROJECT COST: None

SOURCE OF FUNDS: None

SPONSOR: Linda Ray Pratt  
Executive Vice President and Provost

RECOMMENDED: James B. Milliken  
President

DATE: December 13, 2007

**UNIVERSITY OF NEBRASKA**  
**TENURE DENSITY**  
**Fall 2007 Compared to Selected Previous Years**

	<u>1997</u>	<u>2002</u>	<u>2006</u>	<u>2007</u>	Net Change Numbers & Percentage Points		
					<u>1-yr</u>	<u>5-yr</u>	<u>10-yr</u>
University-Wide							
Tenured	1,738	1,644	1,658	1,682	24	38	(56)
Tenure-Track	406	447	403	416	13	(31)	10
Health Professions	304	330	354	384	30	54	80
Total	2,448	2,421	2,415	2,482	67	61	34
% Tenured	71.0%	67.9%	68.7%	67.8%	(0.9)	(0.1)	(3.2)
UNL							
Tenured	960	905	904	917	13	12	(43)
Tenure-Track	226	232	220	234	14	2	8
Total	1,186	1,137	1,124	1,151	27	14	(35)
% Tenured	80.9%	79.6%	80.4%	79.7%	(0.7)	0.1	(1.2)
UNL (city only)							
Tenured	674	659	667	684	17	25	10
Tenure-Track	189	174	175	188	13	14	(1)
Total	863	833	842	872	30	39	9
% Tenured	78.1%	79.1%	79.2%	78.4%	(0.8)	(0.7)	0.3
IANR							
Tenured	286	246	237	233	(4)	(13)	(53)
Tenure-Track	37	58	45	46	1	(12)	9
Total	323	304	282	279	(3)	(25)	(44)
% Tenured	88.5%	80.9%	84.0%	83.5%	(0.5)	2.6	(5.0)
UNMC							
Tenured	248	254	251	254	3	0	6
Tenure-Track	-	-	-	-	0	0	0
Health Professions	304	330	354	384	30	54	80
Total	552	584	605	638	33	54	86
% Tenured	44.9%	43.5%	41.5%	39.8%	(1.7)	(3.7)	(5.1)
UNO							
Tenured	328	301	318	327	9	26	(1)
Tenure-Track	102	136	118	114	(4)	(22)	12
Total	430	437	436	441	5	4	11
% Tenured	76.3%	68.9%	72.9%	74.1%	1.2	5.2	(2.2)
UNK							
Tenured	202	184	185	184	(1)	0	(18)
Tenure-Track	78	79	65	68	3	(11)	(10)
Total	280	263	250	252	2	(11)	(28)
% Tenured	72.1%	70.0%	74.0%	73.0%	(1.0)	3.0	0.9

Notes:

The Health Professions category appeared for the first time in 1989. For reporting purposes, the Health Professions are included in the percentage tenured computation.

All faculty and administrators with tenure or tenure track status are included in the report. (INCLUDES LOA Without PAY)

Source: University of Nebraska HR Extracts  
January 2008

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

MEETING DATE: January 18, 2008

SUBJECT: Programs with Tuition Variances

RECOMMENDED ACTION: Report

PREVIOUS ACTION: September 6, 2007 – The Board approved the report on programs with differential tuition rates.

EXPLANATION: Following the approval of Regents Policy RP-5.7.4.10, Differential Tuition Rates, the President was granted authority to approve recommendations by which the campuses may vary the rate of tuition from that established by the Board. The purpose of such variable rates was to achieve University goals and objectives. Following each semester and summer session, the Board of Regents is provided a report of the variances granted on the Board-approved tuition rates and the impact of those actions, including any impact on access.

Attached are the programs approved by the President and implemented effective May 24, 2007 with students enrolled in the fall 2007 semester.

RECOMMENDED: Linda Ray Pratt  
Executive Vice President and Provost

DATE: December 6, 2007

**Regents Policy 5.7.4 Programs with Tuition Variances  
Fall 2007 Report**

Campus: University of Nebraska at Kearney  
 Program: Nonresident Tuition Reduction for students from Chung-Ang University of Seoul  
 Approved: March 17, 2006

Variance: Nonresident undergraduate tuition is \$281.25 per student credit hour. Students in this program are charged \$205.88 per credit hour which is 150% of the resident undergraduate tuition rate. The variance is \$75.37 per credit hour.

Description: The University of Nebraska at Kearney is particularly interested in attracting more international students and developing student and faculty exchange opportunities to increase diversity and enrollment. Chung-Ang University and UNK have developed a student exchange program that will allow Korean students to study at UNK and a small number of UNK students to study in Korea each year. Recognizing that there is a huge number of potential international students interested in study in the United States, that institutions throughout the nation as well as in most western nations are competing to attract highly qualified international students, and that for many international students, cost is a very real factor challenging their ability to study in the United States, UNK proposed to reduce tuition charged to qualified Korean students recruited to UNK by Chung-Ang University of Seoul, Korea. This differential tuition proposal to charge 150% of UNK resident tuition to these Korean students was approved by President Milliken in March 2006. A total of five Korean students from Chung-Ang University attended UNK in the fall semester 2007.

Enrollment and Tuition:

Chung-Ang University Students at UNK Fall Semester 2007			
Course	Number Enrolled	Credit Hours	Tuition Dollars
ART 100	1	3	617.64
ECON 100	1	3	617.64
ECON 270	1	3	617.64
ECON 271	1	3	617.64
ENG 101	2	6	1,235.28
ENG 102	1	3	617.64
INTS 090	1	1	205.88
LNSK 075	2	2	411.76
MATH 102	1	3	617.64
MUS 198	1	1	205.88
PE 110	2	1	205.88
REC 150	1	3	617.64
TE 100	1	3	617.64
Total	16	35	\$7,205.80

**Regents Policy 5.7.4 Programs with Tuition Variances  
Fall 2007 Report**

Campus: University of Nebraska at Kearney  
 Program: Nonresident Tuition Reduction for students Recruited by Markham International Education Center of Beijing, China.  
 Approved: March 17, 2006

Variance: Nonresident undergraduate tuition is \$281.25 per student credit hour. Students in this program are charged \$205.88 per credit hour which is 150% of the resident undergraduate tuition rate. The variance is \$75.37 per credit hour.

Description: The University of Nebraska at Kearney is particularly interested in attracting more international students and developing student and faculty exchange opportunities to increase diversity and enrollment. In fall 2005 Markham International Education Center (MIEC) of Beijing and UNK developed an agreement that would bring Chinese students to study at UNK provided UNK could offer a tuition reduction plan. Therefore, recognizing that there is a huge number of potential international students interested in study in the United States, that institutions throughout the nation as well as in most western nations are competing to attract highly qualified international students, and that for many international students, cost is a very real factor challenging their ability to study in the United States, UNK proposed to reduce tuition charged to qualified Chinese students recruited to the University of Nebraska at Kearney by MIEC. This differential tuition proposal to charge 150% of UNK resident tuition to these Chinese students was approved by President Milliken in March 2006. A total of 22 students from the MIEC program attended UNK in the fall semester 2007.

Enrollment and Tuition:

MIEC Chinese Students at UNK Fall 2007			
Course Number	Enrolled	Credit Hours	Tuition Dollars
ART 100	2	6	1,235.28
ART 120	2	6	1,235.28
ART 218	1	3	617.64
ART 230	1	3	617.64
BACC 250	2	6	1,235.28
BACC 311	2	6	1,235.28
BIOL 103	4	8	1,647.04
BMGT 233	1	3	617.64
BSAD 100	1	1	205.88
ECON 217	1	3	617.64
ENG 101	4	12	2,470.56
ENG 102	1	3	617.64
FSID 160	3	9	1,852.92
GEOG 104	6	18	3,705.84
GEOG 106	2	6	1,235.28
HIST 211	2	6	1,235.28
HIST 212	2	6	1,235.28
HIST 215	2	6	1,235.28
INTS 090	7	7	1,441.16
JAPN 100	1	5	1,029.40
MATH 123	2	6	1,235.28
MUS 100	4	12	2,470.56
PE 160	3	9	1,852.92
PHYS 201	2	4	823.52
SOC 100	2	6	1,235.28
SOC 124	1	3	617.64
SOWK 170	1	3	617.64



**Regents Policy 5.7.4 Programs with Tuition Variances**  
**Fall 2007 Report**

SPCH 100	2	3	617.64
STAT241	1	3	617.64
Total	65	172	\$35,411.36

**Regents Policy 5.7.4 Programs with Tuition Variances  
Fall 2007 Report**

Campus: University of Nebraska at Kearney  
 Program: Nonresident Tuition Reduction for students recruited by the Bahamian Alumni Association  
 Approved: August 22, 2006

Variance: Nonresident undergraduate tuition is \$281.25 per student credit hour. Students in this program are charged \$205.88 per credit hour which is 150% of the resident undergraduate tuition rate. The variance is \$75.37 per credit hour.

Description: The University of Nebraska at Kearney is particularly interested in attracting more international students and developing student and faculty exchange opportunities to increase diversity and enrollment. Based on a former large population of Bahamian students at UNK at one time reaching 60 students, UNK developed a Bahamian Alumni Association as a means to recruit new students from the Bahamas to bring back the number of students once here from mostly Freeport, Grand Bahama. In fall 2006, after the formation of the Bahamian Alumni Association (BAA), the BAA and UNK developed an agreement that would bring Bahamian students to study at UNK provided UNK could offer a tuition reduction plan. Therefore, recognizing that there is a large number of potential international students interested in study in the United States, that institutions throughout the nation as well as in most western nations are competing to attract highly qualified international students, and that for many international students, cost is a very real factor challenging their ability to study in the United States, UNK proposed to reduce tuition charged to qualified Bahamian students recruited to the University of Nebraska at Kearney by the BAA. This differential tuition proposal to charge 150% of UNK resident tuition to these students was approved by President Milliken in August 2006. Because of the late date of approval only one student from the Bahamas came to UNK to study. However, this student was also admitted to the Honor's program. More Bahamians will arrive in the future. In the fall of 2007, four Bahamian students studied at UNK.

Enrollment and Tuition:

Bahamian Students at UNK Fall 2007			
Course Number	Enrolled	Credit Hours	Tuition Dollars
ART 100	1	3	617.64
BIOL 103	2	4	823.52
BIOL 105	2	4	823.52
ECON 271	2	6	1,235.28
FSID 110	1	3	617.64
ITEC 120	2	4	823.82
JMC 100	1	3	617.64
LNSK 103	1	3	617.64
MUS 100	1	3	617.64
MUS 106	1	3	617.64
PSCI 140	1	3	617.64
PSY 203	1	3	617.64
REC 155	1	3	617.64
SPCH 100	2	6	1,235.28
Total	21	51	10,500.18

**Regents Policy 5.7.4 Programs with Tuition Variances  
Fall 2007 Report**

Campus: University of Nebraska at Kearney  
 Program: Non-resident Tuition Reduction for students recruited by Shandong University at Weihai, Weihai, China  
 Approved: August 22, 2006

Variance: Nonresident undergraduate tuition is \$281.25 per student credit hour. Students in this program are charged \$205.88 per credit hour which is 150% of the resident rate. The variance is \$75.37 per credit hour. Nonresident graduate tuition is \$351.75 per student credit hour. Students in the program are charged \$255.00 per credit hour which is 150% of the resident rate. The variance is \$96.75.

Description: The University of Nebraska at Kearney is particularly interested in attracting more international students and developing student and faculty exchange opportunities to increase diversity and enrollment. UNK and Shandong University at Weihai (SDUW) both participate in the 1+2+1 program. After visiting SDUW it became apparent that UNK and SDUW had many things in common and that SDUW could become a good partner for UNK. In fall 2006, after long discussions with the administration of SDUW, SDUW and UNK developed an agreement that would bring Chinese students to study at UNK provided UNK could offer a tuition reduction plan. Therefore, recognizing that there is a large number of potential international students interested in study in the United States, that institutions throughout the nation as well as in most western nations are competing to attract highly qualified international students, and that for many international students, cost is a very real factor challenging their ability to study in the United States, UNK proposed to reduce tuition charged to qualified Chinese students recruited to the University of Nebraska at Kearney by SDUW. This differential tuition proposal to charge 150% of UNK resident tuition to these students was approved by President Milliken in August 2006. Because of the late date of approval only one student from SDUW came to UNK to study. She was admitted to the MBA program for the fall semester 2007. Three visiting scholars from SDUW also participated in programs at UNK. One scholar taught Mandarin. One did research in the College of Business and Technology and attended intensive English courses. The third Visiting Scholar is working with the faculty of the Department of Computer Science. In the fall of 2007 UNK had six students from SDUW.

**Enrollment and Tuition:**

Shandong University at Weihai Students attending UNK Fall 2007			
Course	Number Enrolled	Credit Hours	Tuition Dollars
BACC 250	1	3	765.00
DANC 148	1	1	205.88
ECON 100	1	3	617.64
ECON 271	1	3	765.00
ENG 254	1	3	617.64
FREN 100	1	5	1,029.40
HIST 210	1	3	617.64
INTS 090	2	2	411.76
JMC 100	1	3	617.64
JMC 129	1	3	617.64
PE 110	2	1	205.88
SPCH 100	1	3	617.64
SPCH 202	1	3	617.64
STAT 241	1	3	765.00
TE 804	1	3	765.00
TE 886	1	3	765.00
TE 887	1	3	765.00
<b>TOTAL</b>	<b>19</b>	<b>48</b>	<b>\$10,766.40</b>

**Regents Policy 5.7.4 Programs with Tuition Variances  
Fall 2007 Report**

Campus: University of Nebraska at Kearney  
 Program: Non-resident Tuition Reduction for students recruited by the National Collegiate Network, Tokyo, Japan  
 Approved: August 22, 2006

Variance: Nonresident undergraduate tuition is \$281.25 per student credit hour. Students in this program are charged \$205.88 per credit how which is 150% of the resident undergraduate tuition rate. The variance is \$75.37 per credit hour.

Description: The University of Nebraska at Kearney is particularly interested in attracting more international students and developing student and faculty exchange opportunities to increase diversity and enrollment. The National Collegiate Network and UNK signed a letter of agreement in the spring of 2000 that brings students from Japan to UNK for their college career. This resulted in a major influx of Japanese students to UNK, and it has been of extraordinary significance to the diversity on this campus. The first 64 students arrived on the UNK campus in May 2001. Each summer since that date, a similar number arrived on campus. A total of 298 NCN students have enrolled at UNK through this year. However, only 42 new students arrived in the summer of 2007 instead of the usual 60 students. Because of the downward trend caused by competition from other universities both in Japan and in the U.S. and because of the decrease in the number of students graduating from Japanese High Schools, UNK asked Central Administration to approve the reduction for students from NCN. Even though the number of students from NCN was only 42 in the fall of 2007, UNK did receive the highest number of NCN students of all participating American universities. NCN is still facing a downward movement in applications and this program will make us competitive for not only new students, but for transfer students.

Enrollment and Tuition:

National Collegiate Network students at UNK Fall 2007			
Course	Number Enrolled	Credit Hours	Tuition Dollars
ART 100	9	27	5,558.76
ART 118	1	3	617.64
BSAD 100	1	1	205.88
CHIN 100	1	5	1,029.40
DANC 138	2	4	823.52
DANC 148	1	1	205.88
ENG 101	1	3	617.64
FREN 100	5	25	5,147.00
FSID 108	1	3	617.64
FSID 110	2	6	1,235.28
GEOG 104	4	12	2,470.56
GEOG 106	1	3	617.64
INTS 090	15	15	3,088.20
ITEC 110	3	3	617.64
ITEC 150	2	6	1,235.28
ITEC 170	3	9	1,852.92
ITEC 171	3	3	617.64
LNSK 075	2	2	411.76
MATH 102	3	9	1,852.92
MATH 103	1	3	617.64
MATH 115	1	5	1,029.40
MATH 123	2	6	1,235.28
MUS 100	6	18	3,705.84
MUS 106	1	3	617.64
MUS 145	1	1	205.88
MUS 150	1	1	205.88
MUS 176	2	2	411.76

**Regents Policy 5.7.4 Programs with Tuition Variances  
Fall 2007 Report**

MUS 198	1	1	205.88
MUS 200	1	3	617.64
PE 110**	10	5	1,029.40
PE 160	13	39	8,029.32
PE 265	2	4	823.52
PHYS 100	4	8	1,647.04
PHYS 205	2	10	2058.80
SOC 124	1	3	617.64
STAT 241	2	6	1,235.28
THEA 120	1	3	617.64
Total	112	261	\$53,734.68

\*\*Please note this is a .5 credit hour course and the students are required to take a minimum of two courses.

**Regents Policy 5.7.4 Programs with Tuition Variances  
Fall 2007 Report**

Campus: University of Nebraska-Lincoln  
 Program: Advanced Scholars Program  
 Approved: July 2005

Variance: Undergraduate tuition at UNL is \$169.50 per student credit hour. Students in this program are charged \$100 per student credit hour for a variance of \$69.50 per credit hour.

Description: The UNL Advanced Scholars program is a partnership linking UNL with Nebraska secondary schools. Through this concurrent enrollment partnership, high schools can offer qualified high school seniors and high-ability or gifted students the opportunity to enroll in UNL online courses for college credit. A hallmark of the UNL Advanced Scholars program is that teaching of the academic online courses resides with the university faculty. The course syllabi, textbooks, kinds of assignments, and grading practices are the same as those used by the faculty for their on-campus courses. Students pay \$100 per student credit hour. Students who register and successfully complete UNL Advanced Scholars online courses earn UNL credit, verified by an official UNL transcript.

A total of 86 students registered for fall semester 2007; 21 students dropped their course. Final enrollment count is 66 course enrollments. The table below displays detailed information on total course enrollments, high schools and tuition.

**UNL Advanced Scholars Program  
Fall Semester 2007  
(With Refunds applied)**

Course	Course Enrollments	High School	Total Tuition
ACCT 201	1	Fillmore Central	\$1,500
AHIS 101	1	Weeping Water	\$300
ASCI 210	1	Southern	\$300
ASTR 103	1	Seward	\$300
CHEM 131	1	Weeping Water	\$600
	1	York	
CLAS 180	1	Bishop Neumann	\$2,250
	1	Fillmore Central	
	1	Kearney	
	1	Lexington	
	1	Pope John XXIII	
	1	Weeping Water	
CSCE 190	1	Lexington	\$900
ENTO 115	1	Seward	\$1,200
	1	Grand Island NW	
	1	Mead	
	1	River Road Christian home school	
FDST131	1	Bishop Neumann	\$300
IMSE 206	0		\$300
JOUR 101	1	Bishop Neumann	\$600
LIBR 110	1	Bishop Neumann	\$125
NRES 108	1	Burwell	\$600
	1	Freeman	
NUTR 131	1	Burwell	\$300
PHYS 151	2	Sargent Public	\$900
POLS 104	1	York	\$300
POLS 160	1	Aurora	\$1,200
	1	Burwell	
	1	Lexington	
PSYC 181	1	Ashland-Greenwood	\$13,100
	5	Bishop Neumann	

**Regents Policy 5.7.4 Programs with Tuition Variances**  
**Fall 2007 Report**

	1	Cedar Bluffs	
	2	Crofton	
	1	Fillmore Central	
	1	Grand Island NW	
	6	Laurel-Concord	
	2	Malcolm	
	1	Prague	
	1	Seward	
	3	Wakefield	
	5	York	
SOCI 101	2	Malcolm	\$1,650
	1	Wakefield	
	1	Waverly	
	1	York	
SOCI 209	1	Giltner	\$300
<b>Total</b>	<b>66</b>		<b>\$ 27,025</b>

**Regents Policy 5.7.4 Programs with Tuition Variances  
Fall 2007 Report**

Campus: University of Nebraska at Omaha  
Program: Dual Enrollment  
Approved: November 2006

Variance: Undergraduate tuition at UNO is \$154.75 per student credit hour or \$464.25 for a 3-credit hour course. Students in this program are charged \$200 per course regardless of the credit hours earned. For a 1-credit hour course, the variance is \$45.25; for a 3-credit hour course, the variance is \$264.25; for a 4-credit hour course, the variance is \$419; for a 5 credit-hour course, the variance is \$573.75.

**Note: While the Dual Enrollment program at UNO is not a tuition variance approved by the President, data on the program is provided here for completeness.**

Description: The Dual Enrollment Program allows academically talented students to earn college credit while still in high school. College-bound students can get a jump on their degree and maximize their time in advanced high school classes. Dual enrollment can provide enhanced curriculum opportunities that help students remain engaged in their junior and senior years of high school and help prepare for college level work. Students pay a fee of \$200 per course regardless of credit earned. The Dual Enrollment program is a fee-based program that is completely self-supporting. Fees are broken down as follows:

1. \$84 AP exam (UNO pays cost of student's exam)
2. \$77 UNO Department supports collaboration with high school counterpart
3. \$24 Program support
4. \$15 AP support to participating districts

**UNO Dual Enrollment Program  
Fall Semester 2007**

Course	Course Enrollments	High School	Fee Amount
HIST 1110	208	Millard West Bellevue East Millard South Westside Papillion-LaVista Millard North Blair Skutt Catholic Elkhorn	\$41,600
BIOL 1450	269	Millard West Bellevue East Millard South Marian Bellevue West Papillion-LaVista Millard North Omaha Burke Elkhorn Ralston Omaha Northwest Omaha Central	\$53,800
PSCI 2500	13	Papillion-LaVista	\$2,600
HIST 1510	124	Millard West Millard South Marian Westside	\$24,800



**Regents Policy 5.7.4 Programs with Tuition Variances**  
**Fall 2007 Report**

		Papillion-LaVista Millard North Elkhorn	
ENGL 1010	267	Millard West Bellevue East Millard South Westside Millard North Omaha North Omaha Benson Omaha Burke Blair McCook Creighton Prep. Ralston Omaha Northwest Omaha Central	\$53,400
PSYC 1010	15	Millard West Millard South	\$3,000
PHYS 1110	45	Millard West Millard North Ralston Omaha Northwest Omaha Central	\$9,000
ENGL 1020	9	Omaha Benson	\$1,800
MATH 1950	175	Westside Papillion-LaVista Millard North Omaha North Omaha Benson Omaha Burke Skutt Catholic Creighton Prep. Omaha Northwest Omaha Central	\$35,000
PSCI 1100	99	Bellevue East Papillion-LaVista South Omaha North Omaha South Omaha Central	\$19,800
ECON 2200	9	Omaha Burke	\$1,800
MATH 1960	3	Papillion-LaVista Omaha Benson	\$600
PHYS 2110	6	Omaha Central	\$1,200
CIST 1400	4	Skutt Catholic	\$800
CSCI 1000	8	Skutt Catholic	\$1,600
MUS 1410	12	Papillion-LaVista	\$2,400
MATH 1970	2	Omaha North	\$400
CIST 2500	33	Millard West Millard North Skutt Catholic	\$6,600
<b>TOTAL</b>	<b>1,301</b>		<b>\$260,200</b>

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

MEETING DATE: January 18, 2008

SUBJECT: Expedited approval of the University of Nebraska at Omaha (UNO) Graduate Certificate Programs in software engineering, communication networks, artificial intelligence and systems & architecture within the graduate program of Computer Science.

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 degrees. Such an arrangement allows the University to respond in a timely fashion to the needs and demands of our students and Nebraska businesses.

EXPLANATION: President Milliken has approved the establishment of graduate certificates in *software engineering, communication networks, artificial intelligence, and systems & architecture* within the graduate program of Computer Science. The proposed certificates had earlier received the approval of the UNO Graduate Council and the Council of Academic Officers. Notification of the approval of this graduate certificate has been provided to the Nebraska Coordinating Commission for Postsecondary Education (NCCPE).

The purpose for these programs is to credential students who have a baccalaureate degree and who have mastered a sufficient number of computer science courses at the graduate level beyond those required for a bachelor's degree. The proliferation of information technology and its applications has created demand for trained computer scientists in the areas of *software engineering, communication networks, artificial intelligence, and computer systems and architecture* at a post-baccalaureate level. Nationally, computer science certificate programs have been well-received by academia, industry as well as prospective students.

PROJECT COST: None

SOURCE OF FUNDS: None

SPONSORS: John Christensen, Chancellor  
University of Nebraska at Omaha

Linda Ray Pratt  
Executive Vice President and Provost

APPROVED: James B. Milliken  
President

DATE: December 13, 2007

TO: The Board of Regents Addendum X-D-4  
Academic Affairs

MEETING DATE: January 18, 2008

SUBJECT: Expedited Approval of the University of Nebraska-Lincoln (UNL) Graduate Certificate Program in Teaching of Writing.

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 business/constituencies.

EXPLANATION: President Milliken has approved the establishment of a graduate certificate in the Teaching of Writing. The proposed certificate had earlier received the approval of the UNL Graduate Council and the Council of Academic Officers. The Nebraska Coordinating Commission for Postsecondary Education (NCCPE) has agreed to treat such programs as reasonable extensions of existing programs, requiring no additional approval by the NCCPE, although notification of its creation must be provided to the Commission.

The certificate program will provide an additional credential for Masters or Ph.D. students in Teaching, Learning, and Teacher Education and/or English and can also be earned by non-degree seeking post-baccalaureate students. These students will obtain a more in-depth understanding of writing, teaching writing, and assessing writing through the focused coursework of this certificate program. Recipients of this certificate will have enhanced professional skills and improved marketability. Coordination, management, and evaluation of the program will be the responsibility of the Department of English within the College of Arts and Sciences. The certificate is built entirely on existing curriculum

PROGRAM COSTS: None

SOURCE OF FUNDS: None

SPONSORS: Harvey Perlman, Chancellor  
University of Nebraska-Lincoln  
  
Linda Pratt  
Executive Vice President and Provost

APPROVED: James B. Milliken  
President

DATE: December 13, 2007

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

Business Affairs

MEETING DATE: January 18, 2008

SUBJECT: Changes in Construction Projects by Budget or Use Categories

RECOMMENDED ACTION: Report

PREVIOUS ACTION: Board of Regents policies require the written approval of the President for any significant changes within a project, either in the scope or nature of the construction, or the programs to be served by the project. Further, any such presidential-approved changes shall be reported to the Board of Regents in writing at its next regular meeting. "Significant change" was defined as a change within the construction or non-construction budget category of a Board-approved project exceeding \$250,000 or 5% whichever is smaller; or an increase or decrease of 5% or more of the total net square feet (NSF) exceeding 1,000 NSF.

EXPLANATION: The attached report as provided by the campuses is a summary of projects requiring significant changes within a budget category. All changes requiring such action have been approved by the President.

For each project, the report outlines the approved budget and NSF and, if applicable, the revised budget, NSF, percent of change and dollar amount of the change. Reasons for significant changes are also provided. The construction budget and non-construction budget categories are displayed and totaled in order to illustrate the effect of the changes on the overall project budget.

SPONSOR: Rebecca H. Koller  
Assistant Vice President for Business and Finance  
Director of Facilities Planning and Management

RECOMMENDED: David E. Lechner  
Vice President for Business and Finance

DATE: December 13, 2007

**University of Nebraska**

**Change in Scope - Construction Projects by Budget or Use Categories**

**Date: November 5, 2007**

Campus / Project	Budget Categories	Approved Budget	Revised Budget	Percent Change	Dollar Amount of Change	Approved NSF	Revised NSF	Reason for Report
UNL Food Industry Renovation	1. Construction Costs	\$559,835	\$676,603	20.9%	\$116,768			Construction bids received were higher than anticipated. The low bid for the essential program scope exceeds the available budget and rebidding would result in even higher numbers.
	2. Non-Construction Costs	\$740,634	\$623,866	-16%	(\$116,768)			Some equipment purchases can be delayed to future year(s).
	Total	\$1,300,469	\$1,300,469	0.0%	\$0			

Facilities Planning & Management

Office of the Vice President for Business & Finance

December 13, 2008

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

Business Affairs

MEETING DATE: January 18, 2008

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 13, 2007.

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  
Vice President for Business & Finance

DATE: December 13, 2007

Type of Action	Campus	Description	Funding Source	Approved Budget Amount*	Contract Amount	Contractor / Vendor	Bid Review or Explanation
Construction Contract	UNL	Kiesselbach Crops Research Lab – HVAC & Fire Suppression installation	LB 309 Funds, Building Renewal Assessment Funds, Cash Funds	\$1,150,000	\$814,000	Dickey & Burham, Inc.	Lowest Responsible Bidder
	UNL	Food Industry Processing Center Renovation	Cash Funds	1,300,469	138,139	Rogge General Contractors	Lowest Responsible Bidder
	UNMC	Electrical distribution switchgear, controls, and programming to restore emergency electrical system in CUP	Facilities Management and Planning Operating Funds	375,500	375,500	H.K. Scholz Co.	Sole Source – Specialized vendor for medium and high voltage switchgear and control integration
Personal Property Procurement	UNL	Chemical Engineering – Liquid Chromatography/Mass Spectrometer System	Trust Funds	243,912	243,912	Agilent Technologies Co.	Sole Source – Only vendor that has a LC/MS integrated state-of-the-art molecular weighing system
	UNL	Electrical Engineering – Femtosecond Laser System	Federal Funds State Funds	214,000 30,000	244,000	Coherent, Inc.	Sole Source – Only vendor that has a femtosecond laser that can be used as a continue-wave laser, easily changed to a picoseconds laser and can be upgraded to higher power laser
	UNL	Transportation Services – 13 passenger vans	Revolving Funds	273,260	273,260	Husker Auto Group	Lowest Responsible Bidder
	UNMC	Multi assay system platform and accessories	Eppley Institute for Research in Cancer	297,697	297,697	Thermo CRS Ltd	Sole Source – Department evaluated three manufacturers' systems and Thermo's product was the only product having a 360-degree fully articulated arm that would allow placement of other equipment around the robot. This feature was deemed essential for efficient use of instrumentation.

\* Note that 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-7				
	Business Affairs					
MEETING DATE:	January 18, 2008					
SUBJECT:	Design Report for the Animal Science Complex Renovation at the University of Nebraska-Lincoln (UNL).					
RECOMMENDED ACTION:	Report					
PREVIOUS ACTION:	<p>April 20, 2007 – The Board of Regents approved the Program Statement and Budget for the Animal Science Complex Renovation at UNL.</p> <p>April 20, 2007 – The Board of Regents approved the selection of Farris Engineering to provide design services for the Animal Science Complex Renovation at UNL.</p>					
EXPLANATION:	<p>Research growth, a strategic priority at UNL, requires continuing investment in the existing infrastructure. This project will enable the Animal Science Complex to better meet the standards required by the Office of Laboratory Animal Welfare, which will make us eligible to obtain research funding.</p> <p>The project supports the University of Nebraska Strategic Framework goals to improve the quantity and quality of research space through public and private support, increase external support for research and scholarly activity, be cost effective and accountable to the citizens of the State and maintain competitive capital facilities by renovating a building that has inadequate and outdated operating systems to a modern teaching and research facility that will make the University competitive in attracting students, faculty and research funding.</p> <p>The project upgrades the heating, air conditioning and ventilation system, addresses fire and life safety deficiencies and other deferred maintenance issues. The project will be phased and the building will remain occupied during construction.</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 70%;">Proposed start of construction</td> <td style="text-align: right;">June 2008</td> </tr> <tr> <td>Proposed completion of construction</td> <td style="text-align: right;">December 2010</td> </tr> </table>		Proposed start of construction	June 2008	Proposed completion of construction	December 2010
Proposed start of construction	June 2008					
Proposed completion of construction	December 2010					
PROJECT COST:	\$21,340,000					
ON-GOING FISCAL IMPACT:	<table border="0" style="width: 100%;"> <tr> <td style="width: 70%;">Annual Operating Costs</td> <td style="text-align: right;">\$301,100</td> </tr> <tr> <td>1% Assessment</td> <td style="text-align: right;">213,400</td> </tr> </table>	Annual Operating Costs	\$301,100	1% Assessment	213,400	
Annual Operating Costs	\$301,100					
1% Assessment	213,400					
SOURCE OF FUNDS:	University Building Renewal Assessment Fund					
SPONSOR:	Christine A. Jackson Vice Chancellor for Business & Finance					
RECOMMENDED:	Harvey Perlman, Chancellor University of Nebraska-Lincoln					
DATE:	December 13, 2007					



## **Animal Science Complex Renovation**

Design Report

University of Nebraska-Lincoln

### **Project Description**

The project will be constructed in five phases. Each phase will provide renovation to different areas of the building. This will allow the building to remain occupied during construction.

The renovation will replace the HVAC systems and provide larger mechanical rooms in the form of penthouses and provide some roof work.

The purpose of the project is to:

- Improve the health and safety of the building occupants by meeting building fire and life safety codes.
- Improve research funding potential by meeting the Association for Assessment and Accreditation of Laboratory Animal Care (AAALAC) standards.
- Provide more efficient operating systems and lower energy costs.

The priorities are upgrading the heating, ventilation and air conditioning system, repair and partial replacement of the roof, building code compliance, and addition of fire sprinklers. Other items include improvements necessary to meet AAALAC standards and plumbing and electrical upgrades.

### **Cost**

Total Project Cost	\$21,340,000
--------------------	--------------

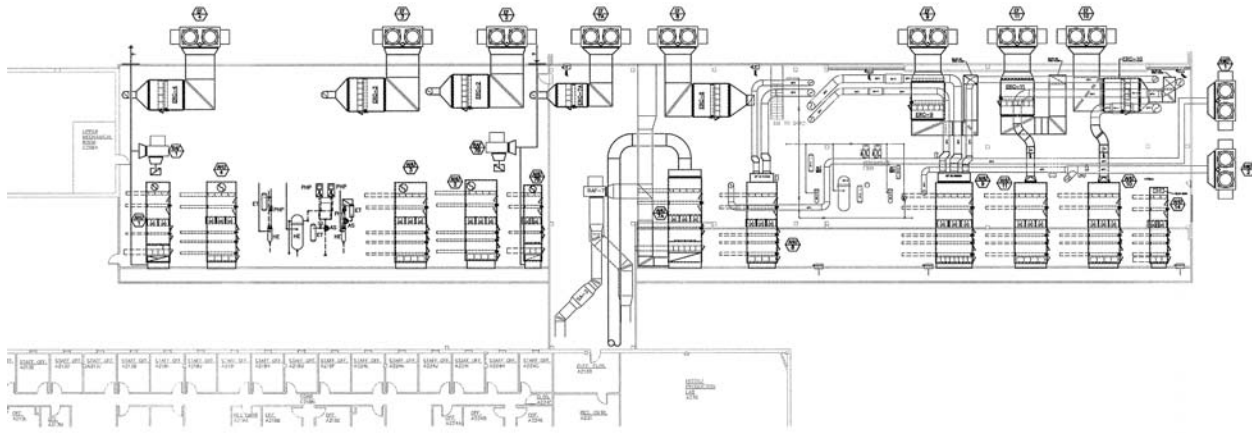
### **Project Schedule**

Design Development Complete	November 2007
Construction Documents Complete	April 2008
Receive Bids for Construction	May 2008
Start of Construction	June 2008
Phase 1 Substantial Completion	December 2008
Phase 2 Substantial Completion	June 2009
Phase 3 Substantial Completion	December 2009
Phase 4 Substantial Completion	June 2010
Phase 5 Substantial Completion	December 2010

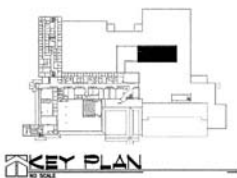
# Animal Science Complex Renovation

Design Report

University of Nebraska-Lincoln



PENTHOUSE F201 MECHANICAL ROOM RENOVATION FLOOR PLAN  
SCALE: 1/8" = 1'-0"  
DATE: 11/11/11



TO: The Board of Regents Addendum X-D-8

Business Affairs

MEETING DATE: January 18, 2008

SUBJECT: Design Report for the Keim Hall Renovation at the University of Nebraska-Lincoln (UNL).

RECOMMENDED ACTION: Report

PREVIOUS ACTION: April 20, 2007 – The Board of Regents approved the Program Statement and Budget for the Keim Hall Renovation at UNL.

April 20, 2007 – The Board of Regents approved the selection of Alley Poyner Architecture to provide design services for the Keim Hall Renovation at UNL.

EXPLANATION: The project will renovate Keim Hall, correcting deferred maintenance items that have accumulated during the 50-year life of the building.

The renovation will replace the building’s mechanical and electrical systems, correct fire and life safety and accessibility deficiencies, and eliminate the presence of asbestos-containing materials. Spaces will be reconfigured to better meet the present and future programmatic needs of the building’s occupants for state-of-the-art teaching, research, and outreach. The project will be completed in a single phase and the building will not be occupied during construction.

Proposed start of construction	July 2008
Proposed completion of construction	November 2009

PROJECT COST: \$14,000,000

ON-GOING FISCAL IMPACT:	Annual Operating Costs	\$ 69,090
	1% Assessment	140,000

SOURCE OF FUNDS:	University Building Renewal Assessment Fund	\$14,000,000
------------------	---	--------------

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

RECOMMENDED: Harvey Perlman, Chancellor  
University of Nebraska-Lincoln

DATE: December 13, 2007

## **Keim Hall Renovation**

Design Report

University of Nebraska-Lincoln

### **Project Description**

The project will renovate Keim Hall, correcting deferred maintenance items that have accumulated during the 50-year life of the building.

The primary goals and objectives of the project include:

- Improve the effectiveness and efficiency of the building heating, ventilating, air conditioning, lighting, power, and communications systems to insure that occupants work and learn without the distractions of inconvenience and physical discomfort.
- Improve management of building operating and maintenance costs by restoring a reliable building envelope and improving energy efficiency.
- Eliminate potential health and safety concerns by achieving compliance with current fire and life safety codes and regulations.
- Reconfigure and arrange interior building spaces to the extent possible within structural and financial limits to encourage intellectual stimulation and interaction and improve productivity.

The renovation replaces the building's mechanical and electrical systems, corrects fire and life safety and accessibility deficiencies, and eliminates the presence of asbestos-containing materials. Spaces will be reconfigured to better meet the present and future programmatic needs of the building's occupants for state-of-the-art teaching, research, and outreach. The project will be completed in a single phase and the building will not be occupied during construction.

### **Cost**

Total Project Cost \$14,000,000

### **Project Schedule**

Design Development Complete	January 2008
Construction Documents Complete	March 2008
Receive Bids for Construction	May 2008
Start of Construction	July 2008
Substantial Completion	November 2009

# **Keim Hall Renovation**

Design Report

University of Nebraska-Lincoln



**SOUTH ELEVATION**

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

Business Affairs

MEETING DATE: January 18, 2008

SUBJECT: Design Report for the Jackie Gaughan Multicultural Center at the University of Nebraska-Lincoln (UNL).

RECOMMENDED ACTION: Report

PREVIOUS ACTION: December 7, 2007 – The Executive Committee of the Board of Regents approved the Gaughan family request that the Multicultural Center be officially named the “Jackie Gaughan Multicultural Center”.

November 9, 2007 – The Board of Regents approved financing of the Gaughan Multicultural Center at UNL.

June 14, 2007 – The Board of Regents approved the naming of the Multicultural Center at UNL the “John D. ‘Jackie’ Gaughan Multicultural Center”.

March 9, 2007 – The Board of Regents approved the selection of DLR Group in association with Moody Nolan, Inc. and the Rocky Mountain Institute Built Environment Team to provide design services for the Multicultural Center at UNL.

November 3, 2006 – The Board of Regents approved the Program Statement and Budget for the Multicultural Center at UNL.

EXPLANATION: The Multicultural Center project will construct a new building to replace the aged and undersized Culture Center. The new 3-story building will be connected to the Nebraska Union and will include the Office of Academic Support and Intercultural Services (OASIS) program, meeting rooms, student organization offices, computer lab, student lounges and the Kawasaki Reading Room.

Proposed start of construction July 2008  
Proposed completion of construction December 2009

PROJECT COST: \$8,700,000

ON-GOING FISCAL IMPACT: Annual Operating Costs \$127,757  
1% Assessment 43,500

SOURCE OF FUNDS: Auxiliary Funds (Student Fees) \$4,350,000  
Trust Funds (Donations) 4,350,000  
\$8,700,000

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

RECOMMENDED: Harvey Perlman, Chancellor  
University of Nebraska-Lincoln

DATE: December 13, 2007

## **Jackie Gaughan Multicultural Center**

Design Report

University of Nebraska-Lincoln

### **Project Description**

The Jackie Gaughan Multicultural Center will be constructed east of the Nebraska Union. The building will consist of three stories plus a partial basement and will be connected to the Nebraska Union at the second floor. The building will be designed to operate independently of the Nebraska Union and will accommodate events scheduled outside normal operating hours of the Union. The project will be LEED certified.

The primary goals and objectives of the project include:

- To be a place of support for students of color and their organizations.
- To develop programs and services that foster an understanding and appreciation of cultural diversity.
- To provide additional space to student organizations and departments that desire to use the facility for meetings, programs, and events.
- To promote cultural awareness through outreach to the UNL student body.
- To increase the number of visits to the Multicultural Center.
- To welcome all faculty and staff with multicultural interests.
- To enhance the programs and services to better support the needs of students of color and international students.
- To provide academic and support services for students of color.

Features of the center will include student meeting rooms, offices for student organizations, offices for the Office of Academic Support and Intercultural Services (OASIS), student lounges, study and computer space, and the Kawasaki Reading Room.

### **Cost**

Total Project Cost	\$8,700,000
--------------------	-------------

### **Project Schedule**

Design Development Complete	January 2008
Construction Documents Complete	April 2008
Receive Bids for Construction	June 2008
Start Construction	July 2008
Substantial Completion	December 2009

**Jackie Gaughan Multicultural Center**

Design Report

University of Nebraska-Lincoln



**NORTH ELEVATION**



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

Academic Affairs

MEETING DATE: January 18, 2007

SUBJECT: Voluntary System of Accountability

RECOMMENDED ACTION: Report

PREVIOUS ACTION: September 7, 2007 – The Board of Regents heard a presentation from Dr. David Shulenburg, Vice President for Academic Affairs at the National Association of State Universities and Land-Grant Colleges (NASULGC) on the Voluntary System of Accountability.

EXPLANATION: The University of Nebraska is among the early adopters of the *College Portrait*, a new Web-based program that allows prospective college students, their families and others to compare costs, degree offerings and other important factors at higher education institutions across the U.S. The new tool offers high school students and their parents who are searching for the right college or university more relevant and reliable information than the “best colleges” lists prepared and sold by news magazines and other commercial enterprises. And it allows them to draw comparisons between institutions based on the factors considered to be the most important.

Information on the University of Nebraska at Omaha is available now, and will be available soon for the University of Nebraska-Lincoln and the University of Nebraska at Kearney, on the university and campus web sites. Profiles of all participating institutions can be viewed and compared at [www.voluntarysystem.org](http://www.voluntarysystem.org). Each institution’s report includes standardized items such as cost of attendance, degree offerings and graduation rates, as well as a snapshot of student experiences and activities, and results of programs designed to measure progress in student learning.

The *College Portrait* is part of the new Voluntary System of Accountability project, a partnership between the NASULCG and the American Association of State Colleges and Universities. It was formally endorsed by the NASULGC Board of Directors in November, and President Milliken is a member of the board.

A copy of UNO’s College Portrait is attached, and can be found on the Web at <http://unoportfolio.unomaha.edu/vsa/>

PROJECT COST: None

SOURCE OF FUNDS: None

SPONSOR: Linda Ray Pratt  
Executive Vice President and Provost

RECOMMENDED: James B. Milliken, President  
University of Nebraska

DATE: December 19, 2007

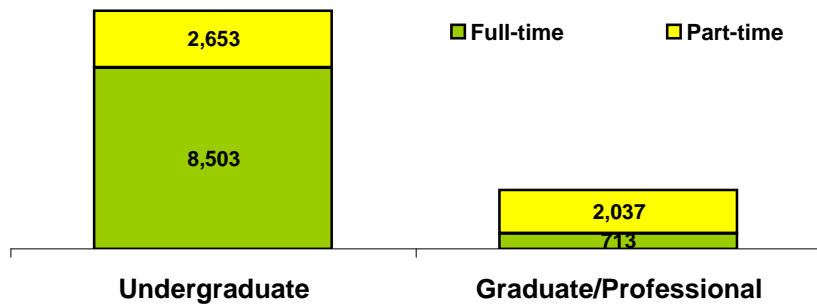


Students like the distinctive metropolitan emphasis at the University of Nebraska at Omaha (UNO). Many of the academic majors, research and public service programs respond to its urban/suburban environment. We focus on student learning, academic excellence in teaching and research/creative activity and student community engagement. Study programs, performances and exchanges around the world are popular. Students choose from more than 200 baccalaureate, masters and doctoral level campus and distance education programs. Located on a beautiful campus in the middle of the city of Omaha, with numerous opportunities for employment and entertainment, students are satisfied with their choice of UNO.

## Student Characteristics (Fall 2006) [More](#)

**TOTAL NUMBER OF STUDENTS** 13,906

### Student Level and Enrollment Status



## UNDERGRADUATE PROFILE

**Total** 11,156

### Gender

Women	5,834	52%
Men	5,302	48%

### Race/Ethnicity

African American / Black	624	6%
American Indian / Alaskan Native	58	1%
Asian / Pacific Islander	301	3%
Hispanic	399	4%
International	236	2%
White	9,169	82%
Race/Ethnicity Unknown	369	3%

### Geographic Distribution (Degree-Seeking)

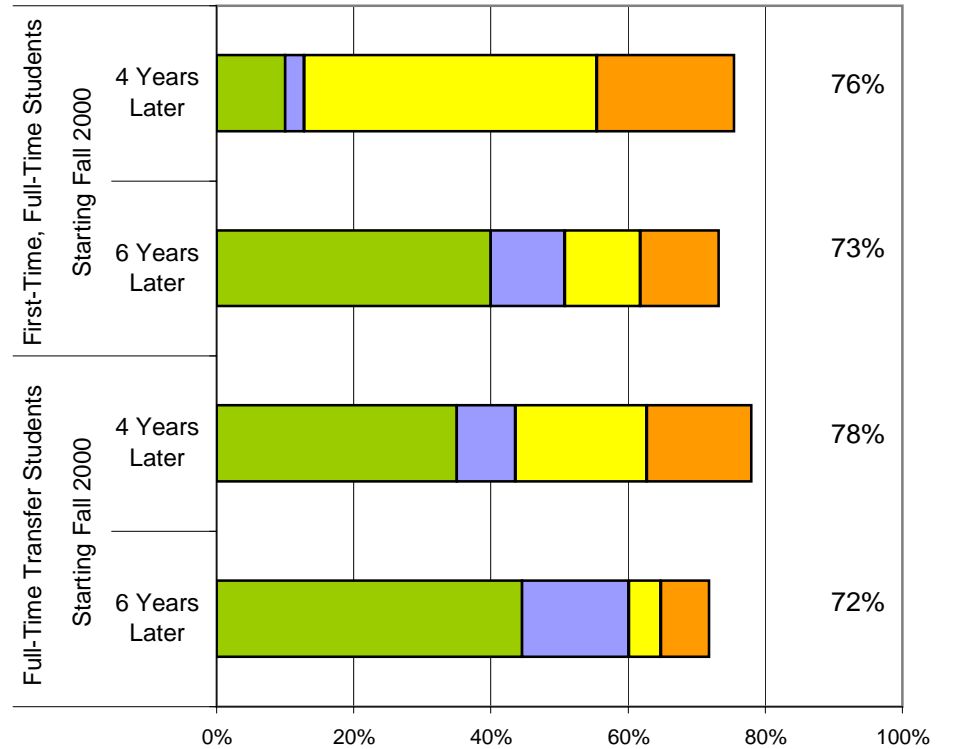
Nebraska	92%
Other US States & Territories	5%
Other Countries	3%

### Age (Degree-Seeking)

Average Age	23
Percent of Undergraduates Age 25 or Older	20%

## Undergraduate Success & Progress Rate

■ Graduated from UNO
 ■ Graduated at Another Institution  
■ Still Enrolled at UNO
 ■ Still Enrolled at Another Institution



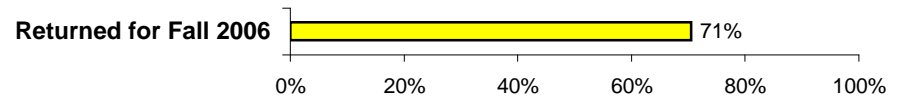
**A 76% four-year success and progress rate means that 76% of students starting in Fall 2000 either graduated or are still enrolled at a higher education institution four years later.**

Counts for the Fall 2000 entering class shown in the graph above.

- 1508 First-Time, Full-Time Students
- 661 Full-Time Transfer Students

[For Detailed Success & Progress Rate Tables](#) [CLICK HERE](#)

### Retention of Fall 2005 First-Time, Full-time Students



# COLLEGE PORTRAIT

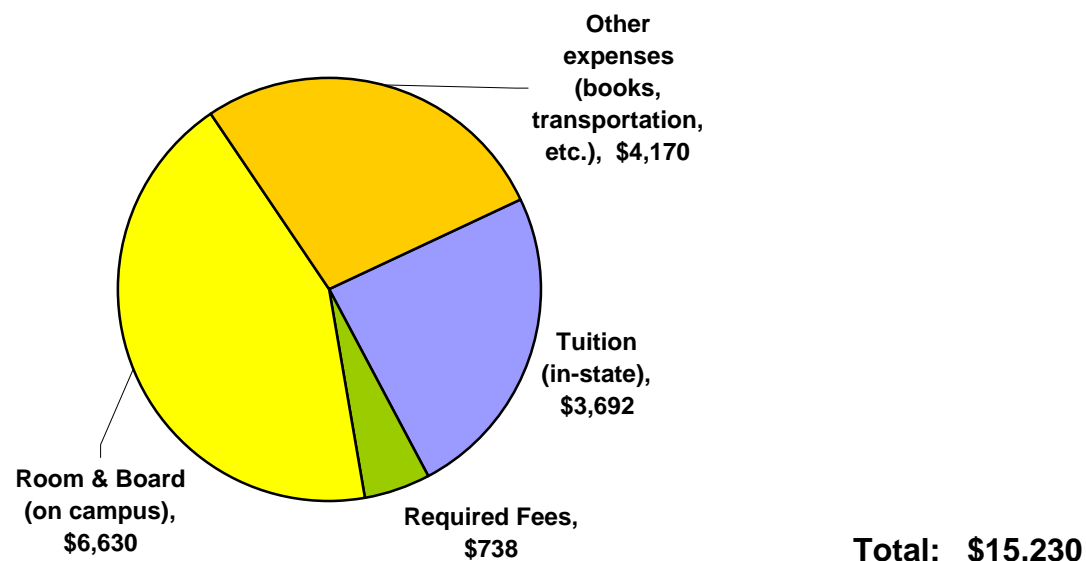
A Voluntary System of Accountability  
(VSA<sup>SM</sup>)

ONE OF THE STRENGTHS OF U.S. HIGHER EDUCATION IS THE BROAD RANGE OF DIVERSE INSTITUTIONS, EACH WITH ITS OWN DISTINCTIVE MISSION. COLLEGE STUDENTS HAVE THE OPPORTUNITY TO SELECT THE INSTITUTION THAT IS THE BEST MATCH FOR THEIR INTERESTS, ABILITIES, AND GOALS. WE PRESENT THIS INFORMATION TO HELP STUDENTS AND THEIR FAMILIES BETTER UNDERSTAND HOW COLLEGES ARE ALIKE IN SOME WAYS, DIFFERENT IN OTHERS. THE ITEMS IN THE COLLEGE PORTRAIT WERE SELECTED BASED ON RECOMMENDATIONS FROM MANY FOCUS GROUPS AS WELL AS EXPERTS IN HIGHER EDUCATION. WHILE THESE ITEMS WILL GIVE YOU VALUABLE INSIGHT INTO COLLEGE LIFE, THEY WILL NOT CAPTURE THE FULL RANGE AND RICHNESS OF THE EXPERIENCE. WE ENCOURAGE YOU TO CHECK OUT COLLEGE WEB SITES AND VISIT CAMPUSES TO GET A MORE COMPLETE PICTURE OF THE OPPORTUNITIES AVAILABLE TO YOU.

**Costs of Attendance and Financial Aid**

[More](#)

**Typical Undergraduate Costs per Year without Financial Aid (Full-Time, In-State Students)**



[CLICK HERE](#) for typical out-of-state costs and any discipline-specific tuition

The cost to attend UNO varies based on the individual circumstances of students and may be reduced through grants and scholarships.

[CLICK HERE](#)  
To get a cost estimate for students like you!

**Financial Aid Awarded to Undergraduates**

**Overall Financial Aid**

• 81% of 2005-2006 full-time undergraduates received financial aid of some type including need-based loans, work study, and non need-based scholarships.

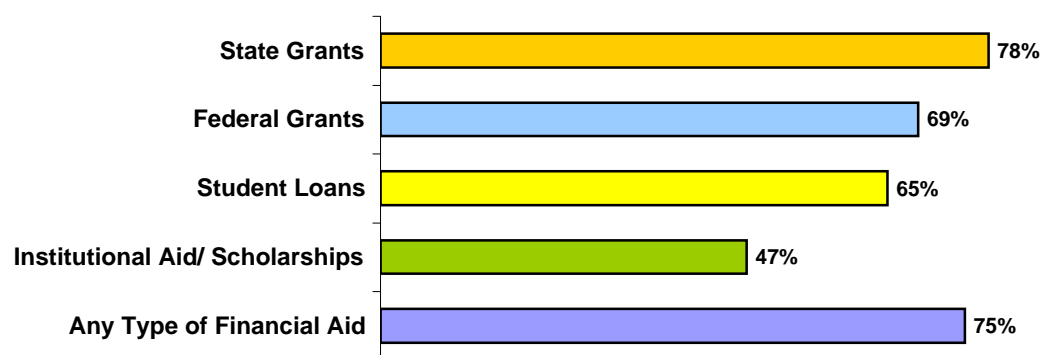
**Annual Need-Based Scholarships & Grants**

• 29% of 2005-2006 full-time undergraduates received need-based grants or scholarships; the average award for the year was \$1,855.

**Annual Need-Based Loans**

• 35% of 2005-2006 full-time undergraduates received need-based work-study and/or loans (not including parent loans); the average loan for the year was \$2,715.

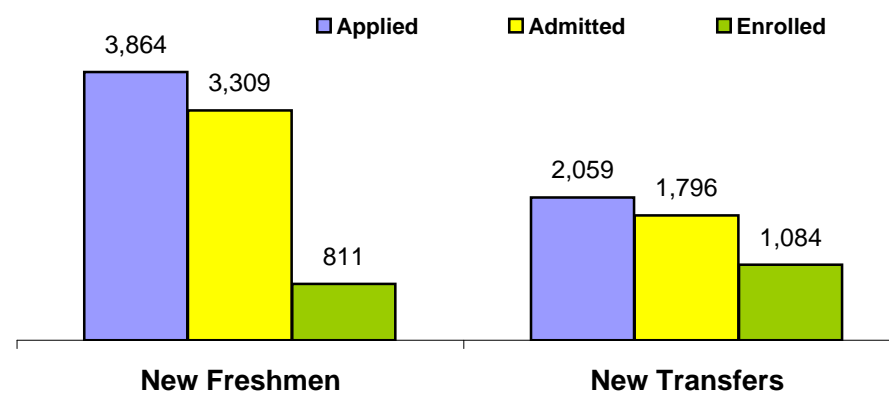
**Percent of Fall 2005 First-Time Students Receiving Each Type of Financial Aid**



NOTE: Students may receive aid from more than one source.

**Undergraduate Admissions**

[More](#)



**Test(s) Required for Admission: SAT or ACT**

Middle 50% of Test Score Range	ACT	SAT
Composite	20-25	
Math	18-25	470-600
English	19-26	
Critical Reading		510-600

50% of admitted students have test scores within the ranges listed, 25% have scores above, and 25% have scores below.

Percent in top 25% of High School Graduating Class	35%
Percent in top 50% of High School Graduating Class	69%
Average High School GPA (4-point scale)	3.30

**Degrees and Areas of Study**

**Degrees Awarded at UNO in 2005-06**

Bachelor's	1,787
Master's	709
Doctoral	17
<b>Total</b>	<b>2,513</b>

**Areas of Study with the Largest Number of Undergraduate Degrees Awarded in 2005-06**

Business	30%
Education	14%
Security and Protective Services	8%
Biology/Life Sciences	7%
Communication/journalism	6%
All other degree areas	35%
<b>Total</b>	<b>100%</b>

[CLICK HERE](#) for a list of undergraduate and graduate programs

## The Community

The experience of a UNO student revolves around the academic programs available to students of all walks of life. Students have many opportunities to get involved in organizations and activities that prepare them for careers and encourage development of their talents and interests. Our athletic programs are as varied as our students and have a strong student fan base. In addition to academic and co-curricular experiences, UNO's home in Omaha - Nebraska's largest city - means students have many entertainment and arts opportunities and employment options. UNO and Omaha have a long history of a strong partnership. A beautiful campus located in the center of Omaha, UNO truly is Omaha's metropolitan university. **CLICK ON BUTTONS TO LEARN MORE**

Academic Programs

Academic Assistance

Getting started - Freshmen & Transfers

Tuition, Financial Aid & Scholarships

Housing & Facilities

Organizations & Leadership

Civic & Service Opportunities

Maverick Athletics

City of Omaha Life & Opportunities

### Study at UNO [More](#)

#### Classroom Environment

Students per Faculty	17 to 1
Undergraduate classes with fewer than 30 students	64%
Undergraduate classes with fewer than 50 students	87%

#### Full-Time Instructional Faculty

Total Faculty	499
% Women	40%
% from Minority Groups	20%
% with Highest Degree in Field	84%

### Carnegie Classification of Institutional Characteristics

#### Basic Type

Master's Colleges and Universities (larger programs)

#### Size and Setting

Large four-year, primarily nonresidential

#### Enrollment Profile

High undergraduate

#### Undergraduate Profile

Medium full-time four-year, selective, higher transfer-in

#### Undergraduate Instructional Program

Professions plus arts & sciences, some graduate coexistence

#### Graduate Instructional Program

Doctoral, professional dominant

#### NOTE:

Institutional classifications based on the Carnegie 2005 edition.

[CLICK HERE](#) for more information on the Carnegie Classifications.

### Student Housing [More](#)

29% of new freshmen live on campus  
9% of all undergraduates live on campus

### Campus Safety [More](#)

UNO Campus Security provides services free of charge; escort to car, vehicle assistance, operation identification, blue emergency telephones, personal safety checks after hours. First-aid services are in Student Health Services. Campus emergency planning is routinely reviewed with the Omaha Police Department for campus readiness and clear communication in the event of an emergency. Text-messaging to cell phones and e-mail accounts provides efficient campus emergency notifications, weather warnings, or other advisories.

[CLICK HERE](#) for Campus Crime Statistics Reports

### Future Plans of 2005-06 Bachelor's Degree Recipients [More](#)

Data used to build graph are not yet available

## Student Experiences and Perceptions

Students who are actively involved in their own learning and development are more likely to be successful in college. Colleges and universities offer students a wide variety of opportunities both inside and outside the classroom to become engaged with new ideas, people, and experiences. Institutions measure the effectiveness of these opportunities in a variety of ways to better understand what types of activities and programs students find the most helpful.

[CLICK HERE](#) for examples of how UNO evaluates the experiences of its students.

In addition, institutions participating in the VSA program measure student involvement on campus using one of four national surveys. Results from the one survey are reported for a common set of questions selected as part of VSA. Following are the selected results from the 2006 National Survey of Student Engagement (NSSE). The questions have been grouped together in categories that are known to contribute to student learning and development. The results reported below are based on the responses of seniors who participated in the survey.

[CLICK HERE](#) for information on survey administration, the survey sample, and the response rate.

[CLICK HERE](#) for information on the NSSE survey.

### Group Learning Experiences

- 89% of seniors worked with classmates on a group project
- 50% of seniors tutored or taught other students
- 14% of seniors spent at least 6 hours per week participating in co-curricular activities such as student organizations and intramural sports

### Active Learning Experiences

- 77% of seniors spent at least 6 hours per week preparing for class
- 13% of seniors worked on a research project with a faculty member
- 46% of seniors participated in an internship, practicum, or field experience
- 54% of seniors participated in community service or volunteer work
- 10% of seniors participated in study abroad
- 94% of seniors made at least one class presentation last year

### Institutional Commitment to Student Learning and Success

- 93% of seniors believe this institution provides support for student success
- 65% of seniors rated the quality of academic advising at this institution as good or excellent
- 53% of seniors reported that this institution provided help in coping with work, family and other non-academic responsibilities
- 91% of seniors reported working harder than they thought they could to meet an instructor's standards or expectations

### Student Satisfaction

- 76% of seniors would attend this institution if they started over again
- 82% of seniors rated their entire educational experience as good or excellent
- 73% of seniors reported that other students were friendly or supportive

### Student Interaction with Campus Faculty and Staff

- 55% of seniors believed that the campus staff were helpful, considerate, or flexible
- 73% of seniors believed that faculty are available, helpful, or sympathetic
- 94% of seniors reported that faculty members provided prompt feedback on their academic performance
- 65% of seniors discussed readings or ideas with faculty members outside of class

### Experiences with Diverse Groups of People and Ideas

- 61% of seniors reported that they often tried to understand someone else's point of view
- 85% of seniors reported their experience at this institution contributed to their understanding people of other racial and ethnic backgrounds
- 44% of seniors often had serious conversations with students of a different race or ethnicity

## Student Learning Outcomes

All colleges and universities use multiple approaches to measure student learning. Many of these are specific to particular disciplines, many are coordinated with accrediting agencies, and many are based on outcomes after students have graduated. In addition, those institutions participating in the VSA measure increases in critical thinking, analytic reasoning, and written communication using one of three tests.

### Student Learning Assessment at UNO

UNO is articulating measurable learning outcomes, assessing outcomes, and making adjustments based on assessment evidence. UNO's comprehensive electronic e-Portfolio system, myMAPP™ (Mapping Academic Performance through ePortfolios), allows us to articulate expectations and show what students know and are able to do. Our students want ePortfolios to illustrate what they've learned to a variety of audiences. UNO's decision to take the Academic Quality Improvement Program (AQIP) path to accreditation has made it imperative that we articulate expectations for student learning at all levels. We assess and document continuous improvement in key areas. UNO has adopted the national Collegiate Learning Assessment (CLA) as another way to measure important learning outcomes in the critical areas of reasoning and communication skills.

[CLICK HERE](#) for examples of student learning assessment and outcomes at UNO

### Pilot Project to Measure Core Learning Outcomes

Results from the pilot project using one of the three learning outcomes tests are not yet available.