
AGENCY OVERVIEW**230 University of North Dakota**

Date: 12/07/2012**Time:** 13:45:22**Statutory Authority**

ND Constitution Articles VIII and IX; North Dakota Century Code Sections 15-11 and 15-22.

Agency Description

The University of North Dakota, classified as a "Doctoral/Research University Intensive" institution by the Carnegie Foundation for the Advancement of Teaching, is characterized by a solid foundation of the liberal arts, a manageable size, high-quality students and faculty, a diverse curriculum, a widely recognized program of graduate education and research, law and medical schools praised for quality and innovation, rich cultural resources, and an outstanding record of alumni support. Its major academic divisions include Arts and Sciences, Aerospace Sciences, Business and Public Administration, Education and Human Development, Engineering and Mines, Nursing, Medicine and Health Sciences, Law, Graduate School, and Continuing Education.

Agency Mission Statement

The University of North Dakota, as a member of the North Dakota University System, serves the state, the country and the world community through teaching, research, creative activities, and service. State-assisted, the University's work depends also on federal, private, and corporate sources. With other research universities, the University shares a distinctive responsibility for the discovery, development, preservation and dissemination of knowledge. Through its sponsorship and encouragement of basic and applied research, scholarship, and creative endeavor, the University contributes to the public well-being.

The University maintains its original mission in liberal arts, business, education, law, medicine, engineering and mines; and has also developed special missions in nursing, fine arts, aerospace, energy, human resources and international studies. It provides a wide range of challenging academic programs for undergraduate, professional, and graduate students through the doctoral level. The University encourages students to make informed choices, to communicate effectively, to be intellectually curious and creative, to commit themselves to lifelong learning and the service of others, and to share responsibility both for their own communities and for the world. The University promotes cultural diversity among its students, staff, and faculty.

In addition to its on-campus instructional and research programs and its branch campuses, the University of North Dakota separately and cooperatively provides extensive continuing education and public service programs for all areas of the state and region.

Agency Performance Measures

The North Dakota University System publishes an annual accountability measures report each December, in response to the "flexibility with accountability" expectations of SB 2003 passed by the 2001 Legislative Assembly. Organized according to the five cornerstones of the Roundtable Report, these annual reports provide a useful framework for focusing the assets of the University System on the high-priority needs of the state. The 2012 annual accountability measures report is scheduled for completion in December 2012, and will be the most current information available to the 2013 Legislative Assembly. This annual document serves as a primary tool for reporting on the agreed-upon North Dakota University System accountability measures and as a vehicle through which the system demonstrates its commitment to enhancing the economic and social vitality of North Dakota.

Major Accomplishments

1. Awarded \$4.9 million from the Helmsley Charitable Trust to provide mobile simulation education to help train health care providers across the state. EMTs, Emergency Services, and other healthcare providers in rural areas will take the training in their hometowns.
2. Awarded \$5.1 million from the National Institutes of Health to the Center of Biomedical Research Excellence (COBRE) to fund research into neurodegenerative diseases such as Alzheimer's and Parkinson's Disease, multiple sclerosis, and seizure diseases.
3. Recorded another all-time high number of students at 14,697. The total rose by 503 students, or 3.5 percent, over last year's record final count of 14,194. The Graduate School, also, had positive growth with a 4 percent increase, from 2,560 students to 2,673 students. UND also showed an increase in professional students – law and medical -- with 502 compared to 495 in the fall of 2010.
4. Graduated the first students in the nation with degrees in unmanned aircraft systems (UAS) operations. It's truly the first and only major program of its kind in the country at this point.

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5. Named one of the best national universities by U.S. News & World Report. The magazine, in its "America's Best Colleges, 2012 Edition," put UND well within the nation's top 200 public and nonpublic colleges and universities.
6. Identified by preLaw Magazine, a sister publication of The National Jurist, as one of the "Best Value" law schools in the country.
7. Named by Military Advanced Education (MAE) magazine as one of the "Top Military-Friendly Colleges & Universities" for 2011.
8. Began offering the first petroleum engineering degree in the state in Fall 2010. It grew to 24 on-campus and seven distance students in just one year, and is predicted to top 100 students in Fall 2012.
9. Remodeled and expanded the Education Building to Leadership in Energy and Environmental Design (LEED) standards.
10. Announced that the Energy & Environmental Research Center (EERC) has developed a unique refining technology to produce jet fuel from a combination of both coal and biomass feed stocks. Took top honors--the NASA Joe Kosmo Award of Excellence--for scoring the most points in a robotics competition at the Kennedy Space Center Visitor Complex in Florida.
11. Commended by the American Music Therapy Association for work in leading the effort to establish the nation's first licensure law for music therapy, which was signed into law in April 2011.
12. Recognized by the Carnegie Foundation for the Advancement of Teaching as one of the top 115 institutions of higher education newly designated with the organization's Community Engagement Classification.

Future Critical Issues

Based on the reconsideration of the environment and circumstances which occurred in the development of the new strategic plan, the following remain critical issues for the University of North Dakota including the School of Medicine and Health Sciences:

- Operationalizing the 5 priority areas identified in the Exceptional UND strategic visioning initiative.
- Balancing access and affordability with adequacy of resources to support delivery of high quality/high value programs.
- Identifying and funding high priority new academic initiatives aligned with state and regional needs and opportunities.
- Aligning admissions and financial aid with academic capacity and strength.
- Recruitment and retention of highly qualified faculty and staff.

REQUEST SUMMARY230 University of North Dakota
Biennium: 2013-2015

Bill#: SB2003

Date: 12/07/2012

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Description	Expenditures 2009-2011 Biennium	Present Budget 2011-2013	Budget Request Change	Requested Budget 2013-2015 Biennium	Optional Budget Request
By Major Program					
University of North Dakota	145,041,802	236,203,189	37,261,357	273,464,546	0
Total Major Program	145,041,802	236,203,189	37,261,357	273,464,546	0
By Line Item					
Operating Expenses	125,484,243	140,457,484	18,123,790	158,581,274	0
Capital Assets	7,139,735	17,008,712	30,387,298	47,396,010	0
Capital Assets-Carryover	1,546,709	4,075,278	(4,075,278)	0	0
Capital Projects - Non-State	5,271,158	22,460,000	45,027,262	67,487,262	0
Capital Projects Carryover - Non-State	703,945	52,201,715	(52,201,715)	0	0
Deferred Maintenance	3,664,206		0	0	0
1997 Flood Expenditures	1,231,806		0	0	0
Total Line Items	145,041,802	236,203,189	37,261,357	273,464,546	0
By Funding Source					
General Fund	133,666,699	161,541,474	44,435,810	205,977,284	0
Federal Funds					
Special Funds	11,375,103	74,661,715	(7,174,453)	67,487,262	0
Total Funding Source	145,041,802	236,203,189	37,261,357	273,464,546	0
Total FTE	641.01	642.20	6.70	648.90	0.00

REQUEST DETAIL230 University of North Dakota
Biennium: 2013-2015

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Description	Expenditures 2009-2011 Biennium	Present Budget 2011-2013	Budget Request Change	Requested Budget 2013-2015 Biennium	Optional Budget Request
Operating Expenses					
Operating Fees and Services	125,484,243	140,457,484	18,123,790	158,581,274	0
Total	125,484,243	140,457,484	18,123,790	158,581,274	0
Operating Expenses					
General Fund	125,484,243	140,457,484	18,123,790	158,581,274	0
Federal Funds	0	0	0	0	0
Special Funds	0	0	0	0	0
Total	125,484,243	140,457,484	18,123,790	158,581,274	0
Capital Assets					
Land and Buildings	5,400,000	12,500,000	30,350,000	42,850,000	0
Other Capital Payments	0	97,146	99	97,245	0
Extraordinary Repairs	1,739,735	4,411,566	37,199	4,448,765	0
Total	7,139,735	17,008,712	30,387,298	47,396,010	0
Capital Assets					
General Fund	1,739,735	17,008,712	30,387,298	47,396,010	0
Federal Funds	0	0	0	0	0
Special Funds	5,400,000	0	0	0	0
Total	7,139,735	17,008,712	30,387,298	47,396,010	0
Capital Assets-Carryover					
Land and Buildings	1,403,562	0	0	0	0
Extraordinary Repairs	143,147	4,075,278	(4,075,278)	0	0
Total	1,546,709	4,075,278	(4,075,278)	0	0
Capital Assets-Carryover					
General Fund	1,546,709	4,075,278	(4,075,278)	0	0
Federal Funds	0	0	0	0	0
Special Funds	0	0	0	0	0
Total	1,546,709	4,075,278	(4,075,278)	0	0
Capital Projects - Non-State					
Land and Buildings	5,271,158	22,460,000	45,027,262	67,487,262	0
Total	5,271,158	22,460,000	45,027,262	67,487,262	0
Capital Projects - Non-State					
General Fund	0	0	0	0	0

REQUEST DETAIL230 University of North Dakota
Biennium: 2013-2015

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Description	Expenditures 2009-2011 Biennium	Present Budget 2011-2013	Budget Request Change	Requested Budget 2013-2015 Biennium	Optional Budget Request
Federal Funds	0	0	0	0	0
Special Funds	5,271,158	22,460,000	45,027,262	67,487,262	0
Total	5,271,158	22,460,000	45,027,262	67,487,262	0
Capital Projects Carryover - Non-State					
Land and Buildings	703,945	52,201,715	(52,201,715)	0	0
Total	703,945	52,201,715	(52,201,715)	0	0
Capital Projects Carryover - Non-State					
General Fund	0	0	0	0	0
Federal Funds	0	0	0	0	0
Special Funds	703,945	52,201,715	(52,201,715)	0	0
Total	703,945	52,201,715	(52,201,715)	0	0
Deferred Maintenance					
Extraordinary Repairs	3,664,206	0	0	0	0
Total	3,664,206	0	0	0	0
Deferred Maintenance					
General Fund	3,664,206	0	0	0	0
Federal Funds	0	0	0	0	0
Special Funds	0	0	0	0	0
Total	3,664,206	0	0	0	0
1997 Flood Expenditures					
Land and Buildings	1,231,806	0	0	0	0
Total	1,231,806	0	0	0	0
1997 Flood Expenditures					
General Fund	1,231,806	0	0	0	0
Federal Funds	0	0	0	0	0
Special Funds	0	0	0	0	0
Total	1,231,806	0	0	0	0
Funding Sources					
General Fund	133,666,699	161,541,474	44,435,810	205,977,284	0
Federal Funds	0	0	0	0	0
Special Funds	11,375,103	74,661,715	(7,174,453)	67,487,262	0

REQUEST DETAIL

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Biennium: 2013-2015

Bill#: SB2003

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Description	Expenditures 2009-2011 Biennium	Present Budget 2011-2013	Budget Request Change	Requested Budget 2013-2015 Biennium	Optional Budget Request
Total Funding Sources	145,041,802	236,203,189	37,261,357	273,464,546	0

CHANGE PACKAGE SUMMARY

230 University of North Dakota
Biennium: 2013-2015

Bill#: SB2003

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Description	Priority	FTE	General Fund	Federal Funds	Special Funds	Total Funds
Base Budget Changes						
One Time Budget Changes						
A-B 1 Major Capital Projects		0.00	42,850,000	0	67,487,262	110,337,262
A-E 1 Remove One time Funding Spec Assess		0.00	(97,146)	0	0	(97,146)
A-E 2 Remove Capital Projects		0.00	(12,500,000)	0	(30,450,000)	(42,950,000)
Total One Time Budget Changes		0.00	30,252,854	0	37,037,262	67,290,116
Ongoing Budget Changes						
A-A 1 Cost to Continue		0.00	4,448,825	0	0	4,448,825
A-A 2 Inflationary Increases		0.00	2,021,225	0	0	2,021,225
A-A 20 2011-13 Adjusted FTE		642.20	0	0	0	0
A-A 3 Base Plus Incr for Extraord Repairs		0.00	4,546,010	0	0	4,546,010
A-A 4 State Priorities		5.70	11,159,740	0	0	11,159,740
A-A 5 Security and Emergency Preparedness		1.00	185,000	0	0	185,000
A-A 6 Statewide Nursing Consortium		0.00	309,000	0	0	309,000
A-F 1 Remove Capital Assets Carryover		0.00	(4,075,278)	0	(52,201,715)	(56,276,993)
A-F 2 Remove Base Funding Extraord Repairs		0.00	(4,411,566)	0	0	(4,411,566)
A-F 3 Remove Addl Cap Proj Authority		0.00	0	0	7,990,000	7,990,000
Base Payroll Change		(642.20)	0	0	0	0
Total Ongoing Budget Changes		6.70	14,182,956	0	(44,211,715)	(30,028,759)
Total Base Budget Changes		6.70	44,435,810	0	(7,174,453)	37,261,357

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Change Group: A	Change Type: A	Change No: 1	Priority: 1
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Cost to Continue - \$4,448,825

The cost to continue adjustment includes the following:

- \$2,586,251 - Continuation of 12-13 legislatively funded salary increase @ 3%
- \$1,862,575 – Continuation of 11-13 retirement increases, including \$198,380 for underfunded increases in 11-13, due to calculation error

Change Group: A	Change Type: A	Change No: 2	Priority: 2
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Inflationary Increases - \$2,021,225

The inflationary increase adjustment includes the following:

- **\$1,738,825** - Operating inflation (excluding utilities) of 2.9% for FY14 and 2.4% for FY15, based on projections from Economy.Co
- **\$282,400** - Projected utility cost increases & buildings coming online in 13-15, based on recent actual and projected cost increases.
 - \$155,200 is estimated for the utility cost increases for the new IT building and for the computer machine room. As more information is gathered regarding construction and building use, energy simulations will be generated for a more accurate/detailed energy use summary. The utility dollars included for the computer room are additional dollars above and beyond the buildings current energy use.
 - \$127,200 is for College of Business and Public Administration coming online. Estimate is 80,000 square footage at \$1.59/foot.

Change Group: A	Change Type: A	Change No: 3	Priority: 3
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Base Plus Incr for Extraord Repairs - \$4,546,010

Currently, the campuses and Forest Service receive \$11,169,089 in base funding for extraordinary repairs, which is equivalent to an overall average of 14.7% of the OMB building and infrastructure formulas. In the IBARS process, we are required to remove base funding for extraordinary repairs (see change code **AF2**). The 2013-15 NDUS budget request includes a total increase of \$281,600 to provide increased base funding for facilities and infrastructure repairs and maintenance, equivalent to 15% of OMB building and infrastructure formulas. The AA3 budget change code includes restoring the base amount removed in change code AF2, as well as the requested increase to reach 15% of OMB formula. **UND's portion of the request is \$4,546,010. Base funding currently received in 2011-13 is \$4,411,566, and the requested increase in base funding for extraordinary repairs for 2013-15 is \$134,444.**

A prioritized listing of extraordinary repair projects is included in the extraordinary repairs subschedule (because of IBAR's requirement to do so), however these priorities can very easily change, due to unforeseen circumstances and emergencies. The priority listing is only a best estimate at this time. The actual use of these dollars will be left to the discretion of the institutions (with appropriate approvals by the SBHE where required for projects greater than \$250,000). All NDUS entities will be given the authority to allocate dollars to repair and replacement priorities for regular repair and replacement projects as determined by each entity.

Change Group: A	Change Type: A	Change No: 4	Priority: 4
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State Priorities - \$11,159,740

Included in the SBHE's approved biennial budget request is a component for base funding to support initiatives tied to state needs/priorities, based on the following criteria:

- A. 10% of initiative must be funded by campus through demonstrated campus-specific efficiencies, which may not adversely affect the following areas:
 1. Student Success
 2. Campus mission, including essential academic programs
 3. Essential student services
 4. Repairs and maintenance

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B. Initiatives must address the following:

1. ND workforce needs
2. Demonstrated student demand
3. Demonstrated business need
4. Is consistent with SBHE strategic goals
5. Is compatible with campus mission, strategic plan, etc.

C. In addition, priority will be given to requests that meet one of the following:

1. Addresses one of the high potential program areas identified in Goal 3 of the SBHE Strategic Plan--Agriculture, Energy, Health Care, Life Sciences and Advanced Technology.
2. Addresses one of the Department of Commerce 5 targeted industries for growth--Advanced Manufacturing, Energy, Value-Added Agriculture, Technology-Based Business and Tourism.
3. Collaboration/partnerships (internal or external)

D. No infrastructure projects (building or remodeling) will be considered

The following initiatives are included in this budget request:

1) B.S. in Aerospace and Mechanical Engineering

- ND Workforce Needs/Economic Development
 - Multiple aerospace-related companies already exist in ND, including Goodrich Aerospace, Cirrus Design, Ideal Aerosmith, and LM WindPower. Activity in the area of unmanned aircraft also shows large potential for growth. The proposed program will provide a pipeline of qualified engineers to support existing industry and potentially attract new businesses.
- Access - Demonstrated Student Demand
 - An internal survey of current students as well as data gathered from UND Enrollment Services regarding students who inquire about aerospace engineering at UND and apply but don't enroll indicate that a total program enrollment of 100 students should be achievable within seven years. This does not take into account the market for distance education. For example, UND is one of the few schools that has been approved by Boeing for tuition reimbursement for education for their employees.
- Access - Demonstrated Business Need
 - As demonstrated by the variety of letters of industry support provided, opportunities exist for graduates in a wide variety of fields. These opportunities are located both within the ND/MN region and across the nation.
- Consistent with SBHE Strategic Goals
 - The proposed program supports several Roundtable Cornerstones and Objectives of the SBHE 2009-2013 Strategic Plan. The program will increase the number of degrees awarded in advanced technology and increase research productivity in aerospace engineering topics (Economic Development Connection); the program is founded on interdisciplinary collaboration among two colleges at UND, minimizing the resources needed to implement the program (Flexible and Responsive System); the program's distance learning component makes the new degree available to potential students in ND and elsewhere that might not otherwise be able to pursue their chosen career (Accessible System).
- Compatible with campus mission, strategic plan, etc
 - A Center of Excellence in Unmanned Aerial systems currently exists at UND. Increased collaboration, strengthening cutting-edge infrastructure, and increased opportunities for undergraduate experiences in research have been identified as part of the 'Exceptional UND' strategic vision for the University. The proposed program supports the educational and research priorities of the university, school, and department.
- One of the high potential program areas identified in Goal 3 of the SBHE Strategic Plan--Agriculture, Energy, Health Care, Life Sciences and Advanced Technology.
 - The program supports three of targeted industries - Advanced Manufacturing, Energy, and Technology-Based Business. Graduates of the program will have training in both fundamental and advanced manufacturing techniques and will have several hands-on design experiences where they will build prototypes they have designed themselves. Topics covered in the degree program include aerospace materials, aerodynamics, control systems, and

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propulsion. These concepts can be applied to industries as diverse as wind turbine blade production, gas turbine design, satellite communication systems, unmanned aircraft, and airframe design.

- One of the Department of Commerce 5 targeted industries for growth--Advanced Manufacturing, Energy, Value-Added Agriculture, Technology-Based Business and Tourism.
 - The program supports three of targeted industries - Advanced Manufacturing, Energy, and Technology-Based Business. Graduates of the program will have training in both fundamental and advanced manufacturing techniques and will have several hands-on design experiences where they will build prototypes they have designed themselves. Topics covered in the degree program include aerospace materials, aerodynamics, control systems, and propulsion. These concepts can be applied to industries as diverse as wind turbine blade production, gas turbine design, satellite communication systems, unmanned aircraft, and airframe design.
 -
- Collaboration/partnerships (internal or external)
 - The program is built on a collaboration between the UND College of Engineering and Mines and the John D. Odegard School of Aerospace Sciences. It is expected that many of the senior design projects completed by students in the program will be sponsored by aerospace-related companies. Currently, approximately 2/3 of the senior design projects in Mechanical Engineering are sponsored by external industrial partners. In addition, it is expected that industrial sponsors will collaborate on some of the research projects undertaken by the new faculty hired in both Mechanical Engineering and Space Studies as a result of the program. Feedback from alumni and their employers will be a critical component for accreditation of the program by ABET.
 -
- **Amounts of total 13-15 cost, 10% match and net request, including description and # of new fte**
 - \$1,789,356 Total estimated cost for 2013-15 (\$823,600 salaries and fb; \$265,000 operating; \$200,000 equipment; \$500,756 indirect costs, such as human resources, student account services, purchasing office, safety, chester fritz, CILT adn IT)
 - Includes 5.7 FTE - 3 full time faculty, 1 full time admin asst, (3) 1/2 time GTA's, (2) 1-month summer pay for directors.
 - (\$178,936) 10% match described below
 - (\$450,680) - Tuition generated by program that will partially fund other indirect costs such as payroll, purchasing, human resources, etc.
 - **NET 2013-15 REQUEST - \$1,159,740**
- **Description of the 10% match**
- B.S. in Aerospace and Mechanical Engineering
College of Engineering and Mines – Department of Mechanical Engineering
JDO School of Aerospace Sciences – Department of Space Studies

The existing Mechanical Engineering and Space Studies Departments comprise over 20 faculty members whose course offerings will contribute to the new program. The departments also employ 4 office staff personnel and 2 shop technicians who will aid in administration and laboratory teaching, respectively, for the new program. The ME department also has extensive fabrication and testing equipment that will be essential for completion of the aerospace design projects of the students in the new program. The existing available resources in each department have allowed the request for new resources for the proposed program to be minimized.

If the existing resources were not available, approximately 7 research-active faculty members would be required to offer the 13 to 15 courses needed each semester. This would more than double the faculty costs associated with the program compared to the existing proposal. Funds would be required for an administrative assistant and at least one shop technician, adding approximately \$50,000 (plus benefits) to the current proposal due to the technician salary. The operating budget for the program would also have to be increased to be able to purchase the laboratory equipment and supplies that are currently available in the

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ME shops and labs. Summarizing these additional costs and assuming the same enrollment growth in the new program proposal, a total outside investment of over \$4.6M would be required over the first 8 years. In comparison, by utilizing existing resources in the ME and Space Studies Department, the total outside investment required will be just over \$1.2M and the program is expected to have net positive revenue after 9 years.

2) UND's College of Engineering and Mines West

• **Brief description of initiative**

- The proposed branch of UND's College of Engineering and Mines in western North Dakota (CEM-West) is a discipline-specific branch campus of the University of North Dakota, providing opportunities for complete delivery of energy-related degree programs on-site, and research facilities for high-impact work relevant to the region. The proposed campus will contribute to the continued growth of North Dakota's energy industry by providing education and research opportunities that address key challenges in the energy field. The CEM-West campus will be designed and equipped to maximize student's exposure to the laboratory and field experience (e.g. access to an operating oil well), increasing the value and uniqueness of the programs. Research efforts on the new campus will focus primarily on the clean and efficient development and utilization of North Dakota's energy resources including oil and gas, coal, wind, geothermal, and others.
- Site and site related costs have not yet been quantified. At this time, the intent is for these costs to be funded through private fundraising.
- UND will need to request authorization for site and costs that will be privately funded.

• **Amounts of total 13-15 cost**

- Total cost is \$10M as follows:

	2013-14	2014-15	Total 13-15
Education Operating Cost	\$4,500,000	\$4,500,000	\$9,000,000
Building Operating Cost	\$500,000	\$500,000	\$1,000,000
Total	<u>\$5,000,000</u>	<u>\$5,000,000</u>	<u>\$10,000,000</u>

• **Description of the 10% match**

This initiative was introduced by Chancellor Shrivani in response to industry need for education and research opportunities at the western part of the state. It is our understanding that Chancellor Shirvani has got Board approval of his initiative without a 10% match.

Change Group: A	Change Type: A	Change No: 5	Priority: 5
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Security and Emergency Preparedness - \$185,000

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Bill#: SB2003

Date: 12/07/2012

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This request is intended to assist the NDUS in meeting federal and state and/or gubernatorial directives and to protect the lives of students, employees and the public as it relates to emergency preparedness planning and campus security.

To facilitate appropriate emergency preparedness planning on each campus, which must be tailored to each individual campus and local and regional law enforcement and emergency services, but coordinated systemwide, the budget request includes funding to support an efficient systemwide approach, where a small team of employees would provide both system and individual campus assistance. The 2013-15 request includes a total of **\$555,000 (\$185,000 each) for 3.0 new FTE positions, one each at UND, NDSU and the NDUS office.** These three employees, in addition to limited current campus resources, would serve the entire system. In addition, **\$50,000** is included for a systemwide train-the-trainer approach for planning and readiness.

The NDUS currently has over 37,000 headcount students who attend class on campus; about 12,000 residential students living in campus housing; approximately 12,000 full and part-time headcount employees, necessitating adequate 24x7 full-time campus security at each NDUS institution to ensure a safe and secure environment in which to study, live and work.

Campus security staff fulfill many critical roles, including: 1.) Building Security (building lock/unlock, access control, key control, central alarm and surveillance monitoring); 2.) Public Safety (fire prevention education, fire inspection, emergency medical services, sexual assault and theft prevention); 3.) Communications (call intake – 911, dispatching services); 4.) Crime Investigation; 5.) Special Security (crowd control, high profile speakers); 6.) Parking Regulation and Control; 7.) Response

Several factors influence number of security staff: 1.) Student population; 2.) Age and gender profile; 3.) Location of institution; 4.) Number of buildings both on and off campus; 5.) Extent of on-campus housing; 6.) Days/times of classes; 7.) Campus size; 8.) Institutional and public expectations.

Given the above need and variables, the budget request includes the following total number of security staff (some of which are currently funded through allocation of campus resources): LRSC, MaSU, VCSU, DCB: 3 @ 24x7; BSC, WSC, NDSCS, DSU, MiSU: 6 @ 24x7. UND and NDSU currently provide limited 24x7 coverage, thus not additional campus security funding is requested for UND and NDSU.

Given the amount of current campus resources dedicated to this effort and in consideration of three eight-hour shifts to achieve 24x7 coverage, **the net 2013-15 state funding request for nine campuses (except UND and NDSU) is \$4,905,687, and 29.75 new FTE, as follows: BSC \$671,900 (4 FTE); LRSC \$450,000 (3 FTE); WSC \$785,000 (5 FTE); NDSCS \$428,948 (1.75 FTE); DSU \$673,870 (4 FTE); MaSU \$450,000 (3 FTE); MiSU \$545,969 (3 FTE); VCSU \$450,000 (3 FTE); DCB \$450,000 (3 FTE).**

Change Group: A	Change Type: A	Change No: 6	Priority: 6
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Statewide Nursing Consortium - \$309,000

North Dakota Nursing Education Consortium:

Recommended Costs to Continue to Provide High-Fidelity Simulation, Use of Electronic Medical Records & Evaluate the Use of Simulation for Educating Nurses
Recommended Funding Year 2013-2015 Biennium

Submitted by: Denise M. Korniewicz PhD., RN, FAAN Consortium Chair

Executive Summary Recommendation 1: Electronic Medical Records Subscription

Electronic Health Records (EHR) will allow each student the ability to track their documentation, link to reference materials and make corrections to their work. This budget line will pay the subscription fee to provide the EHR. All of the North Dakota programs have paid their annual fees for the next year, however, renewal fees and the cost associated with “per student” fees are costly to all of the nursing programs. In order to NOT increase the overall student fees, it is important to financially assist the nursing education programs so that they can offer these learning modules to the students.

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Recommendation 2: Consortium Effectiveness Evaluation

There have not been any specified evaluation criteria used to determine whether or not use of high and low fidelity simulators have been effective for student clinical learning or are utilized to increase education program capacity. In order to measure the effectiveness of clinical simulation as well as patient safety outcomes for safe clinical care, it is suggested that an outside contracted, or state employed, full-time psychometrician/curriculum evaluator be hired for the next budget period to work with the consortium

Recommendation 3: Statewide Faculty/Student Workshop for Simulation, EHR & Effectiveness Learning (patient safety)

The ND Nursing Education Consortium members would like to be able to share information throughout the state by providing a workshop to other educators located in the Critical Access Hospitals (CAHs) as well as students undergoing training in other disciplines. Since the Midwest Nurse Educators Academy has been a forum for dissemination of information, it is suggested that several organizations join together to provide a 1-2 day workshop that brings together both educators and clinicians to discuss the outcomes of implementing simulation education throughout the state.

Recommendation 4: Replacement Simulation Equipment

Each nursing program has purchased a variety of equipment with which to conduct simulation learning. Most of the programs have had their adult manikins for 3-4 years. Unfortunately, with the frequency of use and the numbers of students in each program the "life expectancy" of the manufacturer's warranty has expired. As a result, most of the initial manikins will need to be replaced and or repaired.

Recommendation 5: Simulation Technicians

Each nursing program has hired a part-time or full-time simulation technician. Due to the increased demand for clinical patient care teaching, learning time to provide the patient scenarios has increased. This is especially evident with the addition of EHR components. The cost of increasing staff support versus faculty salary support is cost-saving since technical support enhances faculty time. It is suggested that each program maintain funding and staffing levels from last biennium. Since simulation training varies from program to program, these funds can also be used for training existing faculty and staff on the pedagogy of using simulators.

Recommendation 6: Consortium Administrative Staff

Administrative staff associated with the fiduciary responsibilities of providing oversight of this project. As centralized evaluation and coordination efforts increase, these administrative funds will be needed to ensure the proper management of this program's initiatives.

Final Budget Notes:

Since the exact needs of each program vary within the underlying need for advanced simulation use in the field of nurse education, it is suggested that each program be given spending/budget flexibility between each budgeted recommendation detailed above. Provided any deviation is limited and furthers the advancement of that program within the confines of this proposal, and adheres to all applicable OMB regulations and state laws.

Total requested funding has increase by less than 20% (\$309,000). This increase is needed to account for the following three items; the addition of the Turtle Mountain Community College (TMCC) as a consortium member the need for additional evaluation and collaboration measures, and to account for general inflationary increases.

Total budget categories requested for 2013-2015 Biennium:

- | | |
|--|-----------|
| 1. Student fee subscription to EHR | \$258,935 |
| 2. Consortium effectiveness/evaluation | \$200,000 |

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3. Faculty/student/staff workshop	\$100,000
4. Simulation replacement equipment	\$616,000
5. Simulation technicians	\$615,238
6. Administrative fees/staff	\$126,097
Total Amount Requested:	\$1,916,270

Year 2011-13 Biennium Funding \$1,607,270

Total Increase from Previous Biennium \$309,000

Change Group: A	Change Type: A	Change No: 20	Priority: 1
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2011-13 Adjusted FTE

Per HB1003 (Section 13), "the state board of higher education may adjust full-time equivalent positions as needed, subject to the availability of funds, for institutions and entities under its control. The university system shall report any adjustments to the office of management and budget before the submission of the 2013-15 biennium budget request." A report was run as of 4-30-2012 to determine the total "appropriated fte" as of that date. Consistent with the methodology used in previous biennia, the current year's annual budgets were used to estimate the amount supported by general fund only, based on the percentage of budgeted general fund revenue to total appropriated revenue..

Change Group: A	Change Type: B	Change No: 1	Priority: 1
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Major Capital Projects - \$42,850,000

The major capital project request includes the following projects - **\$42.85 million GF and \$67,487,262 OF** (All details of the major capital projects will be included in the Capital Assets subschedule)

- SMHS Renovation/Addition - \$38.5 million GF
- Renovation of Law School, Incl \$100,000 for space utilization study - \$4,350,000 GF
- Student Housing Facility - \$19,187,262 RB
- Resident Apartment Building (Currently leased) - \$8.3 million RB
- COBPA Renovation & Addition (Reauthorization from 2009-11) * - \$20.5 million OF
- Indoor Track and Football Practice Field (Reauthorization from 2009-11) * - \$19.5 million OF

*Note regarding reauthorized projects - The amount and scope of both projects may change, based on the success of fund raising efforts, but the extent is not currently known. The requested reauthorization is the level of funding approved in 2009-11.

Change Group: A	Change Type: E	Change No: 1	Priority: 1
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Remove One time Funding Spec Assess - (\$97,146)

To remove \$97,146, which was appropriated to pay off special assessments in the 2011-13 biennium (HB1003-Section 2).

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Change Group: A	Change Type: E	Change No: 2	Priority: 2
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Remove Capital Projects - (\$42,950,000)

To remove **\$42,950,000** funding authorized for capital projects for the 2011-13 biennium per HB1003-Section 2, (**\$12,500,000 GF, \$19,000,000 RB, \$3,450,000 OF, \$8,000,000 FF**). Additional other fund authority, authorized by the Budget Section, is adjusted in change code **AF3**. Campuses will report on the status of the individual projects to the appropriations committees of the sixty-third legislative assembly, as required.

Joint NDUS/UND IT & UND Research Facility - \$12,500,000.00 General Funds

University Town Home Apartments - \$5,000,000.00 - Revenue Bonds

Wilkerson - \$14,000,000.00 - Revenue Bonds

EERC Slurry Building Expansion - \$2,700,000.00 - Other Funding

JDOSAS Flight Ops - \$750,000.00 - Other Funding

IT Building - \$8,000,000 - Federal Funding

Change Group: A	Change Type: F	Change No: 1	Priority: 1
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Remove Capital Assets Carryover - (\$56,276,993)

To remove **\$56,276,993** capital assets carryover from 2009-11 (\$4,075,278 GF and \$52,201,715 OF):

- Extraordinary repairs \$560,810 GF
- Deferred Mnt \$3,514,468 GF
- Hangar Addition \$34,395 OF
- Education Building Equip/Furn \$1,333,010 OF
- Nthn Plains Ctr for Behav Research \$69,480 OF
- EERC NCHT Addition \$3,604,146 OF
- Alumni Center \$2 million OF
- Scale Up Classroom \$606,381 OF
- COBPA Renovation/Addition \$20.5 million OF
- Indoor Track and Football Practice Field \$19.5 million OF
- Energy Projects \$1,210,554 OF
- Education Building Renovation/Addition \$1,564,108 FF
- Simulation Equipment \$389 FF
- ARRA Energy Efficiency Grants #1 & #2 \$1,779,252 FF

Change Group: A	Change Type: F	Change No: 2	Priority: 2
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Remove Base Funding Extraord Repairs - (\$4,411,566)

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To remove \$4,411,566 (from column 4 of Extr Repairs tab) base funding for extraordinary repairs. This base amount, plus an increase to the base, is being requested for 2013-15, and is reflected in change code AA3. The status of this funding to-date is below:

2011-2013 EXTRAORDINARY REPAIRS (PLANT IMPROVEMENT DOLLARS)			
Status as of June 30, 2012			
BIENNIAL CATEGORY	FY2012 Budget	EXPENDITURES	REMAINING
Building Exterior	\$ 1,120,100.00	\$ 100,809.03	\$ 1,019,290.97
Mechanical/Electrical Upgrades	\$ 840,466.00	\$ 133,720.63	\$ 706,745.27
Interior Finishes	\$ 549,100.00	\$ 105,777.67	\$ 443,322.33
Structural Repairs	\$ 139,000.00	\$ 25,850.07	\$ 113,149.93
Paving & Area Lighting	\$ 645,900.00	\$ 101,519.26	\$ 544,380.74
Utilities/Infrastructure	\$ 867,000.00	\$ 108,026.06	\$ 758,973.94
Miscellaneous Small Projects < \$50,000	\$ 250,000.00	\$ 62,348.60	\$ 187,651.40
Overall Total	\$ 4,411,566.00	\$ 687,768.89	\$ 3,723,797.11

Change Group: A	Change Type: F	Change No: 3	Priority: 3
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Remove Addl Cap Proj Authority - \$7,990,000

To remove the net reduction in **other fund** authority, authorized by the Budget Section during FY12:

UND (\$7,990,000) net decrease (Education Building+\$10,000; Joint IT Facility (decr) \$8 million)

Change Group: R	Change Type: A	Change No: 1	Priority:
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Remove Initial Funding Request

Removes the initial funding request for UND's portion (if any) of the following budget request items:

- Cost to Continue
- Inflationary Increases
- Increased Extraordinary Repairs
- State Priorities
- Security and Emergency Preparedness
- Student Mental Health
- Statewide Nursing Consortium
- Healthcare Workforce Initiative

Change Group: R	Change Type: A	Change No: 3	Priority:
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Formula Funding

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The Executive Budget includes funding to move the higher education institutions to a cost-based, per completed student credit hour (SCH) funding model. After funding levels were equalized, an inflationary factor of 6.15% per year was added for:

- Cost to continue adjustments
 - Salary and retirement contributions
 - Maintaining extraordinary repair levels at 15% of the OMB formula
 - Medical School class size increases
- 4% annual salary increases
- Health insurance premium increase
- State share of increased retirement contributions
- Operating expense inflation
- Utility cost increases

A factor of 2.5% was added to the non-research institutions for the Student Mental Health and Campus Security initiatives. Additionally, factor of .08% was added to the research institutions to fund the Statewide Nursing Consortium.

The final per Adjusted SCH payment amounts recommended in the Executive Budget are as follows:

- Two-year Colleges - \$117.60
- Four-year Comprehensive Universities - \$110.80
- Research Institutions - \$72.70

UND's formula payment is \$18,447,364 and includes funding for the School of Medicine and Health Sciences. Language will be included in the appropriation bill to allow for transfer of funding to the Medical School.

Change Group: R	Change Type: B	Change No: 1	Priority:
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Capital Project Recommendation

Provides funding for the following capital projects:

- School of Medicine and Health Sciences building - \$68.3 million
- Law School - \$12.0 million