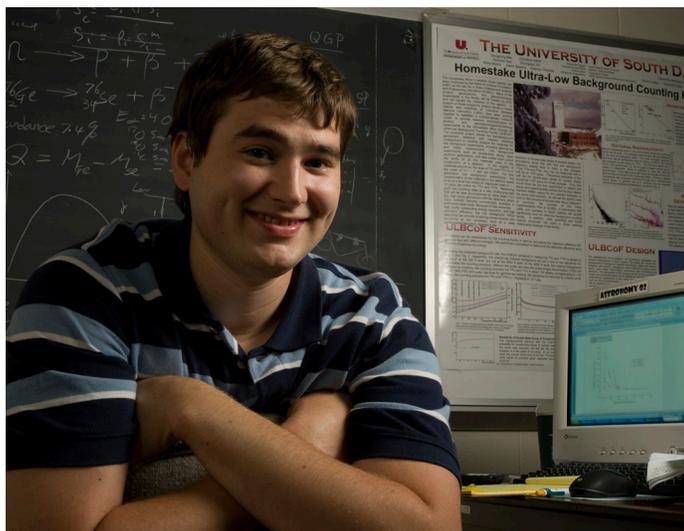


**U.** The University of South Dakota  
FY2010 Budget Hearings  
Joint Appropriations Committee



*OUR VISION ...the best small, public flagship university in the nation.*



*Jason Spaans, Larchwood, Iowa*

## Enrollment Update

- ▲ Increased admissions standards
  - Nearly 50% of Fall 2008 entering class scored 24 or higher on ACT
  - Average high school GPA of Fall 2008 freshman increased to 3.34
- ▲ Competitive challenges being addressed
  - Completion of the Muenster University Center
  - Wellness Center planned
  - Housing Master Plan
- ▲ Continuing Challenges
  - Declining high school student demographic
  - Affordability:
    - Promise Plus Commitment continues
    - National Report Card cites lack of state aid as primary reason for low affordability rating
    - Economic conditions will increase pressures on federal aid

## Teaching Initiatives

- ▲ Voluntary System of Accountability (VSA)
  - Demonstrate accountability and stewardship to public
  - Measure educational outcomes to identify effective educational practices
  - Assemble information that is accessible, understandable and comparable
  - First year highlights:
    - Institutional Commitment to Student Learning and Success - 96% of seniors surveyed believed that The U provides support for student success
    - Student Interaction with Campus Faculty and Staff - 98% of seniors reported that faculty members provided prompt feedback on their academic performance

- ▲ IdEA Program adjusted to single theme/capstone with embedded service learning
- ▲ Academic Commons
- ▲ Enhanced emphasis and staffing in International Studies
- ▲ Continued development of outreach programs
  - 27 online programs
  - More than 160 online courses
  - More than 30 degree programs extended statewide in Pierre, Watertown, Rapid City and Sioux Falls

## Student Successes

- ▲ Retention rate improved from 68% to 76% over five years
- ▲ 41 nationally competitive scholarship winners in the last 10 years
  - 2008 scholarship winners include:
    - Two Udall Scholars - Felicia Barnes, political science and Damon Leader Charge, alcohol and drug studies and American Indian studies
    - Fulbright Scholar - Joe Svec, political science and history
    - Truman Scholar - Zach Crago, economics and political science
    - Department of State Scholar - Jon Walz, political science and economics (2<sup>nd</sup> award) and Patrick Geary, political science and history
    - National Science Foundation Fellow - Frank Leibfarth, chemistry and physics (May 2007 graduate)
    - National Science Foundation Fellowship Honorable Mention - Elizabeth Nettleton, chemistry
- ▲ Five student-athletes received NCAA postgraduate scholarships in 2008
- ▲ School of Business students scored in top 10 percent in national exit exam for the second consecutive year



*Elizabeth Nettleton, Sturgis, S.D., 2008 National Science Foundation Fellowship Honorable Mention and 2007 Goldwater Scholar*



Professor Christina Keller, Ph.D., with Abe Booker, Bloomington, Minn.

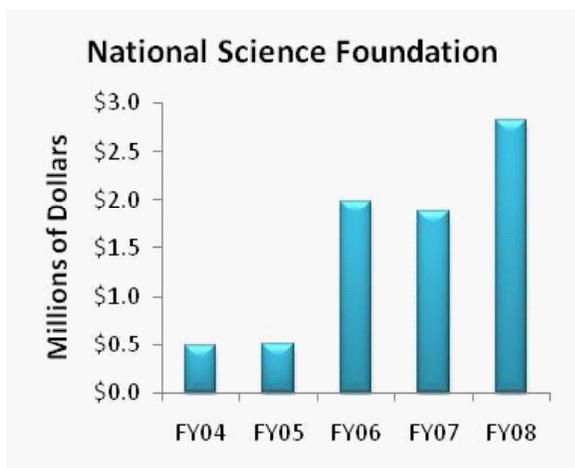
- ▲ New initiatives in alternative energy and biomaterials net \$2.5M in grants annually
- ▲ \$230K NSF grant recently awarded to physics faculty for underground experiments at DUSEL/SUSEL
- ▲ Increased research for Departments of Energy and Defense expected to attract \$2M in FY09 – a 14-fold increase in 4 years
- ▲ Return on Investment
  - Materials Chemistry Ph.D. (new FY08), linked to 2010 Center for R&D of Light-activated Materials:
    - 7 students (11 projected)
    - Grants in chemistry grew from \$35K to \$2M annually in 5 years
    - Formed the SD Catalysis Group which attracted new funding for energy research
  - Biomedical Engineering Ph.D. (new FY07, joint with SDSMT)
    - 3 students +1 on leave (6 projected)
    - In FY08, garnered \$400K in grants (four from NIH)
    - Two invention disclosures, three companies seeking to license intellectual property
  - Computational Science & Statistics (new FY06, joint with SDSU)
    - 4 students (6 projected)
    - Grants in computer science increased from \$0 to \$500K annually in 5 years
    - First Ph.D. degree conferred summer 2008
  - M.D./Ph.D. (new FY07), links Basic Biomedical Science and translational research opportunities
    - 10 students (16 projected)
    - \$1.5M in new grants since FY07

## Research Initiatives & Successes

- ▲ External awards have increased almost three-fold over the last 10 years from \$11.8M to \$30.5M



- ▲ National Science Foundation (NSF) awards increased almost six-fold in five years



Professor Grigoriy A. Sereda, Ph.D., with Kory Veenis, Canton, S.D. and Danielle Ducheneux, Aberdeen, S.D.

## FY2010 Budget Priorities

- ▲ Utilities increase
- ▲ Salary Policy
  - Salary competitiveness is critical
- ▲ Protecting state investments in buildings and infrastructure
  - \$155M invested in renovation or new construction since 1997
  - M&R historically underfunded at 0.5% to 1% of replacement value
  - Average age of buildings is more than 40 years
  - Support the state's commitment to raising funding level to 2% - phased in over 4 year period
  - Requested funds are critical to maintaining effective operations in an aging physical plant
- ▲ Enhance Contemporary Classroom Instruction
  - Student connectivity, technology preparedness and 21st Century learning skills required
  - Funding needed for:
    - Technology infrastructure
    - Technical support
    - Faculty development and retraining
- ▲ Research Education and Economic Development (REED) Network
  - Critical to research success as many agencies require research collaboration and effective methods of communicating
  - Significant investment for start-up
  - Need funds to complete the project and provide for on-going support costs
  - Need funds for technology support



## Sanford School of Medicine

- ▲ Ranked 6<sup>th</sup> nationally in Rural Medicine by *U.S. News & World Report*
- ▲ USD/SDSU Health Science Alliance collaboration in health care education and research
- ▲ Undertaking self-study in preparation for national accreditation site visit

## Health Care Workforce Development Taskforce Recommendations

- ▲ Expand M.D. class size
- ▲ Increase the number of residency programs
- ▲ Expand Health Science class sizes
  - Physician Assistants
  - Nursing
  - Clinical Science/Medical Technologists
  - Physical Therapists
  - Occupational Therapists
- ▲ Programs under consideration
  - Bachelor's degree in Health Sciences
  - Master's of Social Work
  - Doctorate of Public Health



*Andrew E. Lee Memorial Medicine and Science Building*

