About SDSU
South Dakota State University is the state’s largest, most comprehensive institution. As South Dakota’s Morrill Act land-grant university, SDSU had a fall 2011 enrollment of 12,725 students from all 50 states and 63 countries. Students can choose from 69 majors, 39 specializations, 67 minors, 29 master’s degree programs, 12 Ph.D. programs and two professional doctorates. The university also offers courses at various off-campus sites as well as undergraduate and graduate programs online through the Office of Continuing and Extended Education.

Academic Units at SDSU
College of Agriculture and Biological Sciences
College of Arts and Sciences
College of Education and Human Sciences
College of Engineering
College of Nursing
College of Pharmacy
University College
Graduate School
Honors College

University Governance
A public, land-grant institution, SDSU was founded in 1881, authorized by the Dakota Territorial Legislature, and is governed by the South Dakota Board of Regents, according to state law. The Agricultural Experiment Station was established and linked to the university in 1887 under the federal Hatch Act to conduct research that “concerns agriculture and the home.” In 1914 the Cooperative Extension Service was added by the Smith-Lever Act to “provide information to the people of the State.” Both the Agricultural Experiment Station and the Cooperative Extension Service are administered by the College of Agriculture and Biological Sciences.

Athletics
The SDSU Jackrabbits compete at the National Collegiate Athletic Association (NCAA) Division I level in all sports, including the Football Championship Subdivision. Jackrabbit teams play in the Summit League, with the exception of football, wrestling and equestrian. SDSU also is a member of the Missouri Valley Football Conference and the Western Wrestling Conference.

Community at a Glance
A friendly college town of 22,056 located in eastern South Dakota, Brookings is just 55 miles north of Sioux Falls on Interstate 29, a half-hour west of the Minnesota border, 200 miles from Minneapolis and 400 miles east of Rapid City and the Black Hills. Students from communities in Nebraska, North Dakota and Iowa also find SDSU within an easy day’s drive.

Luma Mufleh, coach of the Fugees soccer team, was invited to the university to deliver the 2011 Griffith Honors Forum Lecture. The team, whose players are refugees from 28 war-torn countries, provided the inspiration for the book “Outcasts United,” which was the subject of this year’s Common Read program.
South Dakota State University's Honors College is an academic pathway that offers talented, motivated students in any major the opportunity for personalized, value-added, world-class educational experiences. Dan Kemp instructs an Honors math class.

A small army of faculty, staff and other volunteers add their labor and expertise to the first-year student experience each August. Move-In Day has become a Saturday event at the university, with volunteers in blue shirts moving boxes and providing guidance for parents and new students.

### The Students

#### Enrollments by College, 2011-2012

<table>
<thead>
<tr>
<th>College</th>
<th>Total</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture and Biological Sciences</td>
<td>2,135</td>
<td>16.8%</td>
</tr>
<tr>
<td>Arts and Sciences</td>
<td>2,441</td>
<td>19.2%</td>
</tr>
<tr>
<td>Education and Human Sciences</td>
<td>1,517</td>
<td>11.9%</td>
</tr>
<tr>
<td>Engineering</td>
<td>1,405</td>
<td>11.0%</td>
</tr>
<tr>
<td>General Studies</td>
<td>1,628</td>
<td>12.8%</td>
</tr>
<tr>
<td>Nursing</td>
<td>1,490</td>
<td>11.7%</td>
</tr>
<tr>
<td>Pharmacy**</td>
<td>634</td>
<td>5.0%</td>
</tr>
<tr>
<td>Graduate School</td>
<td>1,475</td>
<td>11.6%</td>
</tr>
</tbody>
</table>

* Students who plan to teach high school are counted within their subject areas.

** Includes Doctor of Pharmacy students.

#### Student General Information

- Student:Faculty Ratio: 17.7:1
- Retention (fall 2009 to fall 2010): 76.4%
- Graduate Student Assistants (fall 2010): 578

#### Degrees Conferred (2009-2010)

<table>
<thead>
<tr>
<th>Degree</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate of Science</td>
<td>19</td>
</tr>
<tr>
<td>Bachelor of Science/Bachelor of Arts</td>
<td>1,736</td>
</tr>
<tr>
<td>Master of Science/Master of Arts</td>
<td>279</td>
</tr>
<tr>
<td>Doctor of Philosophy</td>
<td>30</td>
</tr>
<tr>
<td>Doctor of Pharmacy</td>
<td>70</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>2,134</strong></td>
</tr>
</tbody>
</table>

#### Enrollment (fall 2011)

<table>
<thead>
<tr>
<th>Category</th>
<th>Total</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Enrollments</td>
<td>12,725</td>
<td>100%</td>
</tr>
<tr>
<td>Enrollment by Level</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Undergraduate</td>
<td>10,993</td>
<td>86%</td>
</tr>
<tr>
<td>Graduate</td>
<td>1,362</td>
<td>11%</td>
</tr>
<tr>
<td>Professional</td>
<td>370</td>
<td>3%</td>
</tr>
<tr>
<td>Gender</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Female</td>
<td>6,733</td>
<td>53%</td>
</tr>
<tr>
<td>Male</td>
<td>5,992</td>
<td>47%</td>
</tr>
<tr>
<td>Race/Ethnicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Indian/Alaskan Native</td>
<td>193</td>
<td>2%</td>
</tr>
<tr>
<td>Asian/Pacific Islander</td>
<td>150</td>
<td>1%</td>
</tr>
<tr>
<td>Black</td>
<td>164</td>
<td>1%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>186</td>
<td>1%</td>
</tr>
<tr>
<td>White</td>
<td>11,273</td>
<td>89%</td>
</tr>
<tr>
<td>Other</td>
<td>759</td>
<td>6%</td>
</tr>
<tr>
<td>Residency</td>
<td></td>
<td></td>
</tr>
<tr>
<td>South Dakota residents</td>
<td>8,297</td>
<td>65%</td>
</tr>
<tr>
<td>Other states – USA</td>
<td>3,950</td>
<td>31%</td>
</tr>
<tr>
<td>International</td>
<td>478</td>
<td>4%</td>
</tr>
</tbody>
</table>
Associate Dean Rich Reid, faculty adviser for the American Society of Civil Engineers chapter, provides expert advice on the students’ entry in the 2010 Concrete Canoe test. The SDSU team finished second in the race near Ames, Iowa.

Financial Aid for New Students, 2010-2011
Full-time, first-year students
- Percent receiving financial aid: 94.5%
- Average award (including loans): $7,742
- Percent receiving institutional scholarships: 51%
- Average scholarship award: $2,095

South Dakota Opportunities Scholarship at SDSU
- New recipients (fall 2010): 434
- Total number of recipients (fall 2010): 1,343

Average award (graduate and undergraduate): $9,846

Estimated Costs of Attendance, 2011-2012
Undergraduate, Resident (30 credits)
- Tuition and Fees: $6,886.50
- Room and Board: $6,012
Undergraduate, Nonresident (30 credits)
- Tuition and Fees: $8,601
- Room and Board: $6,012
Graduate, Resident (24 credits)
- Tuition and Fees: $7,615.50
Graduate, Nonresident (24 credits)
- Tuition and Fees: $12,258.30
Graduate Assistant (24 credits)
- Tuition and Fees: $4,842.30

Full-Time Equivalent Employees, 2011-2012
- Faculty: 671
- Administration: 54
- Professional: 550
- Field Specialists: 65
- Support Staff: 747

Rank of Faculty (full time, permanent)
- Professor: 203 (31.8%)
- Associate Professor: 125 (19.6%)
- Assistant Professor: 172 (27%)
- Instructor: 138 (21.6%)

Alumni
Total Graduates
- Alumni in South Dakota: 29,087
- Alumni out-of-state: 30,839

The Faculty & Staff

Students in the College of Pharmacy, pictured with Dean Dennis Hedge, continue to rank among the nation’s leaders on the North American Pharmacist Licensure Examination (NAPLEX). Last year, SDSU was one of six programs with a 100-percent pass rate on the national exam, marking the 12th time in 13 years that all SDSU students sitting for NAPLEX earned a passing score.
The American Indian Education and Cultural Center is a welcoming home for American Indian students and visitors. SDSU is committed to increasing the number of American Indian students who earn bachelor’s and graduate degrees by providing a culturally distinct home and enhancing support services for American Indian students.

Students find gathering places inside and around the University Student Union, whether they are eating lunch, enjoying coffee or just socializing.

The Campus

Physical Plant (FY11)
- Central campus location: 272 acres
- Additional acres, including 7 research farms: 15,000 acres
- Buildings: 166
- Building space maintained: 3,270,121 sq. ft.
- Replacement value of buildings: $542,705,125
- Residence hall capacity: 3,573 students

SDSU Foundation (2010)
- Expenditures to support university programs: $25,962,768
- Expenditures per student FTE: $2,469.59

Operating Budget: By Agency, 2011-2012
- Total: $299,322,110
  - Agricultural Experiment Station: $37,807,116 (13%)
  - Cooperative Extension Service: $15,507,914 (5%)
  - University Proper: $246,007,080 (82%)

Operating Budget: By Expenditure, 2011-2012
- Instructional Support: $112,179,769 (37%)
- Research (including AES): $94,972,090 (32%)
- Public Service (including CES): $28,176,808 (9%)
- Institutional Support: $20,289,677 (7%)
- Scholarships & Fellowships: $8,669,331 (3%)
- Operations & Maint. of Physical Plant: $13,467,117 (5%)
- Res. Life, Food Service, Bookstore: $21,567,318 (7%)
- Total: $299,322,110 (100%)

Operating Budget: By Source of Funds, 2011-2012
- Total: $299,322,110
  - State Funds: $51,463,580 (18%)
  - Student Tuition & Fees: $69,783,320 (23%)
  - US Grants & Contracts/Fed Appropriations: $86,739,938 (29%)
  - Other Funds Including General Sales of Commodities & Services: $76,108,673 (25%)
  - Total: $299,322,110

The American Indian Education and Cultural Center is a welcoming home for American Indian students and visitors. SDSU is committed to increasing the number of American Indian students who earn bachelor’s and graduate degrees by providing a culturally distinct home and enhancing support services for American Indian students.

Industry partners provided the lead gifts to construct a new dairy processing plant and a modernized Dairy Bar operation that opened in April 2011.
Graduate student David Drons helps research entomologist Paul Johnson conduct an inventory of native bee species of the Black Hills. As the primary pollinators for plants, the bees serve as an important indicator of the ecological health of a region.

Research

In 2006, SDSU was recognized by the Carnegie Foundation for the Advancement of Teaching as the state’s only RU/H (research university/high research activity). This prestigious ranking recognizes the growth of doctoral programs, degrees granted and competitive funds obtained. Major areas of research emphasis at SDSU include:

- Engineering and technology research into photovoltaic devices, nanotechnology, materials science, wind power, surface transportation systems, signal and image processing, water treatment, computer sciences, software engineering, and computational science and statistics;
- Agricultural sciences research on crops, livestock and a spectrum of related issues, such as agricultural biotechnology, infectious diseases (animal and zoonotic), food manufacturing, bio-based energy and products, economics and horticulture;
- Management and conservation of natural resources, with research on soil and water quality, soil fertility, conservation farming practices, wildlife and fisheries, climate change, landscape ecology and livestock waste;
- Health sciences, nutritional sciences and wellness research programs in pharmaceutical sciences, nutrition and exercise physiology, muscle-bone relationships, cancer prevention, nursing and infectious diseases;
- Renewable energy research that includes bio-based energy technologies while promoting diversification and environmental sustainability of America’s agriculture;
- Economic impact of ethanol development on the state’s economy and the logistics of using biomass for producing renewable fuels;
- Social science research by the Rural Life Census Data Center that focuses on such topics as the working poor in South Dakota and the inward migration of Hispanic populations; and
- Sociology research on sustainable communities, population projections and the National Children’s Study.

Governor’s 2010 Initiative

This initiative established a series of goals for economic growth in the state. Goal Three states that South Dakota will become a recognized leader in research and technology development. SDSU faculty are involved in six centers that received state funding as part of the initial start-up investment:

- Center for Infectious Disease Research and Vaccinology;
- Center for Bioprocessing Research and Development;
- Center of Excellence for Drought Tolerance Biotechnology Research;
- Center for the Research and Development of Light-Activated Materials;
- Center for Translational Cancer Research; and
- Center for Biological Control and Analysis by Applied Photonics.

Total Research Expenditures in FY10 $67,552,143

Assistant Professor Adam Hoppe in the Department of Chemistry and Biochemistry has won a National Science Foundation career award of $785,000 to help him continue his work building a high-tech microscope to offer unprecedented resolution for observing the biochemical machinery at work in living cells.
Julie DeJong, a Ph.D. candidate in Wildlife and Fisheries, measures duck eggs collected by researchers up to 150 years ago. Her goal is to determine whether the dimensions of wild duck eggs measured in current studies differ from the dimensions of the historical eggs. Duck eggs could be one way to assess whether trends such as climate change may be limiting the nutrients available to waterfowl in some areas.

President David Chicoine speaks to state and civic leaders, business and industry leaders, and alumni at University Center in Rapid City in May 2011. The South Dakota State University On the Road tours connect university administrators and faculty with constituents across the state.

Agricultural Experiment Station
As a land-grant institution, South Dakota State University is home to the South Dakota Agricultural Experiment Station, in partnership with the U.S. Department of Agriculture. Faculty scientists carry out research on campus and at seven stations strategically located around the state.

AES research enhances the quality of life in South Dakota through the beneficial use and development of human, economic and natural resources. The research is responsive to the changing needs of South Dakotans and is based on six themes: biostress, agricultural production, natural resources and their conservation, people, biotechnology, and bio-based energy and industry.

Research programs in AES directly support the academic programs in the colleges of Agriculture and Biological Sciences and Education and Human Sciences and the educational programs delivered by the South Dakota Cooperative Extension Service.

AES Operating Budget (FY12)

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Funds</td>
<td>$9,185,995</td>
<td>24%</td>
</tr>
<tr>
<td>Other/Local Funds</td>
<td>$12,460,948</td>
<td>33%</td>
</tr>
<tr>
<td>Federal Funds</td>
<td>$16,160,173</td>
<td>43%</td>
</tr>
</tbody>
</table>

$37,807,116

Cooperative Extension Service
The Cooperative Extension Service is the outreach arm of South Dakota State University. Its mission is “to help people improve their lives through an educational process that uses scientific knowledge focused on issues and needs.” Core educational programs are offered in the areas of agriculture and natural resources, youth development/4-H and family.

The Cooperative Extension Service is a partnership among the U.S. Department of Agriculture, SDSU and county governments.

CES Operating Budget (FY12)

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Funds</td>
<td>$7,367,798</td>
<td>48%</td>
</tr>
<tr>
<td>Federal Funds</td>
<td>$6,479,781</td>
<td>41%</td>
</tr>
<tr>
<td>Other/Local Funds</td>
<td>$1,660,335</td>
<td>11%</td>
</tr>
</tbody>
</table>

$15,507,914

Number of Regional Extension Centers 8
Number of Field Specialists 65

Plant genetecist Jose Gonzalez examines wheat in a greenhouse at the Seed Technology Laboratory. His work helps identify which genes are associated with desirable traits so that plant breeders can more easily develop high-yield varieties that withstand disease or insect challenges.
The Student Success Model, started during the 2010-2011 academic year, is designed to help students complete degrees in a timely fashion, to enhance their experience at State, and to raise the university’s retention and graduation rates.

South Dakota Board of Regents
Kathryn Johnson, President
Dean Krogman, Vice President
Randy Schaefer, Secretary
Terry Baloun
James O. Hansen
Harvey C. Jewett
Randall K. Morris
Carole Pagones
Patrick Weber

Jack Warner, Ed.D., Executive Director

SDSU Executive Officers
David L. Chicoine, Ph.D., President
Laurie Stenberg Nichols, Ph.D., Provost and Vice President for Academic Affairs
Wesley Tschetter, MBA, Vice President for Finance and Business/CFO
Marysz Rames, Ed.D., Vice President for Student Affairs
Kevin Kephart, Ph.D., Vice President for Research
Michael Adelaine, Ph.D., Vice President for Information Technology
Mary Kay Helling, Ph.D., Associate Vice President for Academic Affairs and Interim Dean of the Graduate School

Contact Information:
On the Web www.sdstate.edu
Admission Information 605-688-4121
1-800-952-3541
News Media Contacts 605-688-6161
Alumni Association 605-697-5198 www.statealum.com
SDSU Foundation 605-697-7475 www.sdsufoundation.org

Thousands of fans warm up Frost Arena on winter nights for Jackrabbit basketball. The women’s team is the first basketball program in NCAA Division I history to qualify for the national tournament in each of its first three years of eligibility.