Discussion Points

• Great Students, Great Faculty
• Data Update: Fall 2017
• SDBOR Strategic Plan
• Capital Campaign Update
• Research Enterprise
• University Changes: A Retrospective
• Future Challenges
Great Students, Great Faculty
Scholarly Achievement in Focus
Great Students, Great Faculty
Excellence in Student Scholarship

National Awards – 2017 Winners
- Joshua Arens (Chemistry, Spanish) – Fulbright Summer Institute
- Christopher Zimmer (History, Political Sci.) – Fulbright English Teaching Fellowship
- Rose McLaughlin (Int’l Studies, History) – Boren Scholarship
- Tamee Livermont (Medical Biology) – Udall Scholarship
Great Students, Great Faculty
Excellence in Teaching

Belbas-Larson Award – 2017 Winners
- David Lane – Assistant Prof. of Anthropology & Sociology (Tenure-Track Category)
- Jason Porter – Associate Prof. of Accounting (Tenured Category)
Great Students, Great Faculty
Excellence in Research

President’s Research Award – 2017 Winners

- Soonhee Roh – School of Health Sciences (Research Excellence, New/Mid-Career Faculty)
- Brian Burrell – Basic Biomed. Sciences (Research Excellence, Established Faculty)
- Samuel Sathyanesan – Basic Biomed. Sciences (Research Innovation & Entrepreneurship)

(Roh)                                      (Burrell)                                (Sathyanesan)
Data Update
Fall 2017
## Data Update

### Enrollment Indicators, Fall 2016 to Fall 2017

<table>
<thead>
<tr>
<th>Overall Indicator</th>
<th>Fall 2016</th>
<th>Fall 2017</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Headcount</td>
<td>10,038</td>
<td>10,261</td>
<td>+2.2%</td>
</tr>
<tr>
<td>FTE, Total</td>
<td>7,400</td>
<td>7,473</td>
<td>+1.0%</td>
</tr>
<tr>
<td>Headcount, First-time UG</td>
<td>1,281</td>
<td>1,341</td>
<td>+4.7%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Funding Type</th>
<th>Fall 2016</th>
<th>Fall 2017</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTE, State-Support</td>
<td>5,636</td>
<td>5,584</td>
<td>-0.9%</td>
</tr>
<tr>
<td>FTE, Self-Support</td>
<td>1,764</td>
<td>1,889</td>
<td>+7.1%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Race</th>
<th>Fall 2016</th>
<th>Fall 2017</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Headcount, White</td>
<td>8,390</td>
<td>8,552</td>
<td>+1.9%</td>
</tr>
<tr>
<td>Headcount, American Indian</td>
<td>197</td>
<td>194</td>
<td>-1.5%</td>
</tr>
<tr>
<td>Headcount, Other Races</td>
<td>1,451</td>
<td>1,515</td>
<td>+4.4%</td>
</tr>
</tbody>
</table>

Source: USD IRPA (USD Enrollment Dashboard)
# Data Update

## FTE by College, Fall 2016 to Fall 2017

<table>
<thead>
<tr>
<th>College Major</th>
<th>Fall 2016</th>
<th>Fall 2017</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts and Sciences</td>
<td>2,404</td>
<td>2,319</td>
<td>-3.6%</td>
</tr>
<tr>
<td>Business</td>
<td>1,017</td>
<td>1,031</td>
<td>+1.4%</td>
</tr>
<tr>
<td>Education</td>
<td>1,017</td>
<td>1,001</td>
<td>-1.6%</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>332</td>
<td>302</td>
<td>-9.2%</td>
</tr>
<tr>
<td>Health Sciences</td>
<td>1,674</td>
<td>1,794</td>
<td>+7.2%</td>
</tr>
<tr>
<td>Law</td>
<td>203</td>
<td>190</td>
<td>-6.4%</td>
</tr>
<tr>
<td>Medicine</td>
<td>301</td>
<td>326</td>
<td>+8.7%</td>
</tr>
<tr>
<td>Not Degree-Seeking</td>
<td>431</td>
<td>484</td>
<td>+12.5%</td>
</tr>
<tr>
<td>Other</td>
<td>22</td>
<td>26</td>
<td>+18.4%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>7,400</strong></td>
<td><strong>7,473</strong></td>
<td>+1.0%</td>
</tr>
</tbody>
</table>

*Note: Shows university FTE of students by college of first major*

Source: USD ITS (ECR)
# Data Update

## Degrees and Certificates Awarded, FY2016 to FY2017

<table>
<thead>
<tr>
<th>Level</th>
<th>FY2016</th>
<th>FY2017</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate</td>
<td>1,301</td>
<td>1,284</td>
<td>-1.3%</td>
</tr>
<tr>
<td>Graduate</td>
<td>821</td>
<td>841</td>
<td>+2.4%</td>
</tr>
<tr>
<td>Total</td>
<td>2,122</td>
<td>2,125</td>
<td>+0.1%</td>
</tr>
</tbody>
</table>

While USD confers fewer degrees and certificates each year than SDSU (USD 2,100 vs. SDSU 2,400), USD’s efficiency ratio (completions per 100 FTE) is much higher (USD 28.7 vs. SDSU 23.0).

Source: USD IRPA (USD Completions Dashboard); SDBOR Peer Analysis Dashboard
New Degree Programs
- B.S. Technical Leadership
- A.A. Graphic and Web Design
- A.S. Integrated Science

New Certificate Programs
- 17 new certificate programs; emphasis on “stackable” credentials

Program Revisions
- Comprehensive revision of all existing undergraduate programs to incorporate new general education framework
SDBOR Strategic Plan
University System Goals
SDBOR Strategic Plan

Four Strategic Priority Areas

- **Student Success**
  - Degrees awarded, graduation rates, retention rates, remediation rates

- **Academic Quality and Performance**
  - Program accreditation, new graduate programs, experiential learning

- **Research and Economic Development**
  - Research expenditures, license agreements, start-ups

- **Affordability and Accountability**
  - Regional price competitiveness, more state funding

Source: SDBOR System Office
Capital Campaign Update
Building our Future
Capital Campaign Update

**Onward: The Campaign for South Dakota**

- Timeline: January 2012 through December 2018
- Goal: $250 million; Today: $243 million

![Bar chart showing raised and goal amounts for different categories.](chart.png)

- **Scholarships**: $62 million raised, $59 million goal
- **Faculty Support**: $21 million raised, $29 million goal
- **Enrichment**: $12 million raised, $112 million goal
- **Capital Projects**: $62 million raised, $39 million goal
- **Undesignated**: $97 million raised, $97 million goal

Source: USD Foundation
Research Enterprise
Strengthening Scholarly Activity
Research Enterprise
Productivity on the Rise

- $28 million in grants and contract awards in FY17, strong start to FY18
Research Enterprise
Fostering Engagement

NSF Undergraduate Research Experience Program
- Three NSF Research Experience for Undergraduates programs at USD (Security Printing, Chemistry, Sustainability)
- Summer stipends and research support for 25 research projects

NSF Graduate Research Traineeship Program
- Stipends and cost of tuition allowance for 20 graduate students in Chemistry and Basic Biomedical Science in partnership with the Center for Brain and Behavioral Research

Inclusive Excellence
- USD won funding from the Howard Hughes Medical Institute to explore new diversity models in STEM education
Governor’s Research Centers

- With financial support from the Governor’s Office of Economic Development, USD established two new Governor’s Research Centers in FY2017:
  - Center for Fluorinated Functional Materials (CFFM)
  - Center for Genetics and Behavioral Health (CGBH)
Research Enterprise
New Research Facilities

GEAR Center Expansion

- Currently planning a 25,000 sq. ft. expansion that will:
  - Accommodate growing Biomedical Engineering research programs
  - Provide additional incubation space to early-stage bioscience companies
  - Expand USD’s cGMP capacity to support university and private-sector commercialization, including pre-clinical and phase-I clinical trials
Research Enterprise
Economic Development

USD Discovery District – Recent Activities

- Completed construction of initial roads and utilities, opening up multiple urban development sites
- Selected developer for the first multi-tenant research facility, to be completed in 2018; two companies have signed letters of intent
- Negotiations currently underway with hotel developer to construct a facility in 2018
University Changes
A Retrospective
## University Changes

### Student Enrollment Indicators

<table>
<thead>
<tr>
<th>Level</th>
<th>Fall 1997</th>
<th>Fall 2017</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Headcount</td>
<td>7,448</td>
<td>10,261</td>
<td>+37.8%</td>
</tr>
<tr>
<td>Headcount, 1st-time Freshmen</td>
<td>929</td>
<td>1,341</td>
<td>+44.3%</td>
</tr>
<tr>
<td>Headcount, 1st-time Transfers</td>
<td>380</td>
<td>680</td>
<td>+78.9%</td>
</tr>
<tr>
<td>FTE, Total</td>
<td>6,276</td>
<td>7,473</td>
<td>+19.1%</td>
</tr>
<tr>
<td>FTE, State-Support</td>
<td>5,862</td>
<td>5,584</td>
<td>-4.7%</td>
</tr>
<tr>
<td>FTE, Self-Support</td>
<td>317</td>
<td>1,889</td>
<td>+495.9%</td>
</tr>
</tbody>
</table>

Source: SDBOR Fact Book(s); USD IRPA (USD Enrollment Dashboard)

### Workforce Indicators

<table>
<thead>
<tr>
<th>Level</th>
<th>FY1998</th>
<th>FY2017</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Staff FTE</td>
<td>1,440</td>
<td>1,429</td>
<td>-0.8%</td>
</tr>
<tr>
<td>Full-time Faculty</td>
<td>393</td>
<td>436</td>
<td>+10.9%</td>
</tr>
</tbody>
</table>
## University Changes

### Student Success Indicators

<table>
<thead>
<tr>
<th>Level</th>
<th>FY1998</th>
<th>FY2017</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-obligation FA awarded</td>
<td>$6.5 million</td>
<td>$24.0 million</td>
<td>+145.8%*</td>
</tr>
<tr>
<td>Four-year graduation rate</td>
<td>20.3%</td>
<td>41.3%</td>
<td>+21.0</td>
</tr>
<tr>
<td>Six-year graduation rate</td>
<td>44.1%</td>
<td>56.5%</td>
<td>+12.4</td>
</tr>
<tr>
<td>Degrees conferred</td>
<td>1,633</td>
<td>2,125</td>
<td>+30.1%</td>
</tr>
</tbody>
</table>

*Note: Percent change figures for dollar amounts reflect inflation-adjusted change*

### Financial Indicators

<table>
<thead>
<tr>
<th>Level</th>
<th>FY1998</th>
<th>FY2017</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total operating budget</td>
<td>$90 million</td>
<td>$215 million</td>
<td>+59.8%*</td>
</tr>
<tr>
<td>Endowment assets</td>
<td>$45 million</td>
<td>$258 million</td>
<td>+284.7%*</td>
</tr>
</tbody>
</table>

*Note: Percent change figures for dollar amounts reflect inflation-adjusted change*

Source: SDBOR Fact Book(s); USD Foundation
University Changes

Transformation of Campus Facilities

- Old Main Restoration (1997)
- Al Neuharth Media Center (2003)
- McFadden Hall Purchase (2004)
- Belbas Center Renovation (2004)
- Lee Medical Building (2008)
- Muenster University Center (2008)
- GEAR Center (2009)
- Beacom School of Business (2010)
- Coyote Village (2010)
- Aalfs Auditorium Restoration (2011)
- Wellness Center (2011)
- Science Labs Expansions (2011)
- Track-Soccer Complex (2016)
- Sanford Coyote Sports Center (2016)
- USD Discovery District (2017-)
Future Challenges
Addressing Opportunities
Future Challenges

South Dakota High School Graduate Projections
- Currently, about 9,000 students graduate from SD high schools each year
- SD is projected to experience some growth in high school graduates from 2016 through 2032
- Growth will be dominated by students from racial minorities:

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Change (n)</th>
<th>Change (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Indian</td>
<td>+46</td>
<td>+9.1%</td>
</tr>
<tr>
<td>Asian</td>
<td>+399</td>
<td>+194.0%</td>
</tr>
<tr>
<td>Black</td>
<td>+261</td>
<td>+136.5%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>+652</td>
<td>+239.6%</td>
</tr>
<tr>
<td>White</td>
<td>+793</td>
<td>+12.2%</td>
</tr>
<tr>
<td>Total</td>
<td>+1,640</td>
<td>+19.6%</td>
</tr>
</tbody>
</table>

Source: WICHE (2016). Knocking at the college door (9th ed.). Boulder, CO.
Future Challenges

Sioux Falls Metro

- Area of strategic focus; accounts for about 30 percent of SD HS grads
- Roughly 70 percent of HS grads from this area enroll in postsecondary education within 16 months of HS graduation
  - SDSU currently beats USD in this area
  - Over the last five years, about 17 percent of grads from this area have enrolled at SDSU ($n=2,475$), while roughly 12 percent have enrolled at USD ($n=1,795$)
- College-going rates - even among academically qualified students – are lower for low-income students and students from racial minorities
- Over the last five years, 795 high-achieving students from this area did *not* enroll at any institution within 16 months

Source: SDBOR College Matriculation Dashboard; SDDOE Fall Enrollment Reports
Future Challenges

Instructional Transitions

- In Fall 1997, only 15 percent of USD students took self-support credits; as of Fall 2017, this percentage has climbed to 53 percent
- Non-residents accounted for only 22 percent of USD students in Fall 1998, but represent 34 percent of USD students in Fall 2017
- USD’s student-to-faculty ratio has increased from 14.3 in FY1999 to 22.0 in FY2016 (+54 percent)

Source: SDBOR Fact Book(s); USD IRPA (USD Enrollment Dashboard)
Future Challenges

Fiscal Dynamics

- State general fund appropriations have increased by only 23 percent (inflation-adjusted) from FY1998 to FY2017
  - Virtually all funding growth has been for the School of Medicine
- Revenues from tuition and fees have risen by 343 percent (inflation-adjusted) from FY1998 to FY2017
- Resident tuition (per credit) has increased from $54.00 in FY1998 to $238.50 in FY2017 (+194 percent, inflation-adjusted)

Source: SDBOR Fact Book(s)
Thank you!