FY19 Governor’s Budget Hearing

Iowa State University

Wendy Wintersteen, President
November 28, 2017
Enrollment 35%

Consistent with prior years, Postdocs included in official count. 35,993 without Postdocs
Record Number of Graduates

Undergraduates Completing Degrees: 59%
Who We Are: Defining Characteristics

- Land-grant institution
  - Only one in Iowa
  - Only 76 nationwide

- Student-centered university
  - Exceptional educational experience

- Member: Association of American Universities (AAU)
  - Only 62 nationwide
  - Only 22 Land-grant & AAU institutions
  - Research-intensive: emphasis on faculty excellence and quality graduate and professional programs
What We Do: Value to our Students and the State of Iowa

**Land-Grant 3-part Mission**

- **Education:**
  - Access to high quality, broad-based education (diverse student body)
    - Core competencies: agriculture, engineering, biosciences, cyber security, architecture, veterinary medicine, other STEM-related fields
    - Balance with humanities and social sciences to develop both practical and critical thinking skills

- **Innovation:**
  - Conduct fundamental and applied research that expands knowledge base, addresses grand challenges & improves lives
    - Dynamic education, opportunities for students
    - Industry partnerships

- **Extension and Application:**
  - Extend knowledge and innovation to benefit Iowa, nation, and world; drive economic growth/job creation in Iowa
Extension & Application: *Transferring Knowledge/Innovation to Iowans*

**ISU Extension & Outreach**
- 99-county campus
- 1 in 3 Iowans directly served each year

IOWA STATE UNIVERSITY
Extension and Application: Drive Economic Growth and Quality Job Creation

- ISU Research Park: 82 companies & 1700 employees
  - Link to ISU talent, expertise, innovation pipelines
  - Gateway to Cultivation Corridor
  - Entrepreneurial ecosystem – ISU Startup Factory, Ag Startup Engine
    - 27 companies, 50 jobs, $5.6M in external funding
Student Success

- Avg. H.S. GPA: 3.61
- Avg. ACT Score: 25.1
- First Generation: 27% of undergraduates
- Ag/STEM Students: 20,490 total 2 out of 3 grad students
- Learning Communities: 77.5% of first-year students
- Retention Rate: 87.5%
- 6-Year Graduation Rate: 73.4%
- Placement Rate: 95% (4th consecutive year)
- Iowa Workforce: 52% stay in Iowa

- 63% of resident graduates
- 24% of non-residents
- 28% of international graduates
Commitment to Efficiency

- 115 projects = $22.7M in savings (since 2014)
  - $19.9M recurring annually

Institutional Support as % of Core Expense
Source: IPEDS FY2015

<table>
<thead>
<tr>
<th>Institution</th>
<th>% of Core Expense</th>
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</thead>
<tbody>
<tr>
<td>Iowa State University</td>
<td>6.42%</td>
</tr>
<tr>
<td>AAU (Public and Private)</td>
<td>9.90%</td>
</tr>
<tr>
<td>AAU (Public Only)</td>
<td>8.24%</td>
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<tr>
<td>Big 12 Institutions</td>
<td>8.93%</td>
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<tr>
<td>Peer 11 Land-Grant Institutions</td>
<td>7.75%</td>
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</tbody>
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Administrative staff spending vs. Instructional staff spending

Median spending (schools similar to Iowa State): 17¢ for every $1

ISU (FY17): 10¢ for every $1

Source: IPEDS Data Center
Iowa Workforce Needs

Future Workforce Needs:

- 128,000 Iowans will need to earn a degree/other credential by 2025*
- 23,600 STEM jobs*
- **Future Ready Iowa goal**: 70% of Iowa’s workforce to have post-secondary degree or training by 2025

*Source: Georgetown University Center on Education

- Iowa State-DMACC partnership to fill critical shortage of cyber security workers (300,000 cyber security jobs unfilled nationally in 2016)
Critical Challenges

- Competing with better paying institutions/private sector
- Student-to-Faculty ratio
- STEM facilities/large lecture halls operating at or beyond capacity
- Increasing Student Financial Aid
FY19 Legislative Request

$5 million directed exclusively for resident undergraduate financial aid
FY19 Capital Request: Veterinary Diagnostic Laboratory
$100 million over 5 years

- Essential to secure Iowa’s $32.5B animal agricultural industry

“The space and structural limitations of this aging facility combined with the rapid growth of the laboratory will, in the opinion of this site team, limit the laboratory's ability to adequately respond to a large scale foreign animal disease outbreak.” – American Association of Veterinary Laboratory Diagnosticians accreditation site team