House Appropriations Committee

Iowa State University FY19 Appropriations Request

Wendy Wintersteen, President
February 21, 2018
Return on Investment: To our Students and the State of Iowa

Land-Grant Three-Part Mission

Education:
- Access to high quality, broad-based education (diverse student body)
  - Core competencies: agriculture, veterinary medicine, engineering and other STEM-related fields

Research, Innovation, Entrepreneurship Economic Development:
- Address grand challenges & improve lives: water quality solutions, heated airport runways, more effective flu vaccine

Extension and Application:
- Extend knowledge and innovation to benefit Iowa, nation, and world; drive economic growth/job creation in Iowa
Return on Investment: Economic Growth and Quality Job Creation

- External research funding leverages state resources to create economic opportunities

- University-wide Entrepreneurial Ecosystem – driven by faculty, students, private sector partnerships
  - ISU Startup Factory: 27 companies, 50 jobs, $5.6M in external funding

- ISU Research Park: 82 companies & 1700 employees
  - ISU talent, expertise, innovation pipelines
  - Gateway to Cultivation Corridor
In FY17 CIRAS:
- 5,714 jobs
- $680 million of total economic impact

In FY17 SBDC:
- 1,828 jobs
- 283 new companies

ISU Extension & Outreach
- 99-county campus
- 1 in 3 Iowans directly served each year
Return on Investment: Iowa Workforce

✓ 20,490 students majoring in Ag or STEM Fields
  • COE 7th largest in nation
  • CALS 3rd largest in nation
  • CVM 2nd largest in nation
  • COB major/minors in Entrepreneurship

✓ 95% overall placement rate

✓ Spring 2017: 4860 graduates, 52% stayed in Iowa

Future Ready Iowa goal: 70% of Iowa’s workforce to have post-secondary degree or training by 2025 (including 23,600 STEM degrees)

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

Administrative staff spending vs. Instructional staff spending

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

ISU (FY17): 10¢ for every $1

Institutional Support as % of Core Expense
Source: IPEDS FY2015

<table>
<thead>
<tr>
<th>Institution</th>
<th>% Core Expense</th>
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<tbody>
<tr>
<td>Iowa State University</td>
<td>6.42%</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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Progress since 2007

<table>
<thead>
<tr>
<th></th>
<th>Increase in Student Credit Hours (SCH) Taught</th>
<th>Increase in Faculty FTE</th>
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<tbody>
<tr>
<td>All Faculty</td>
<td>71%</td>
<td>43%</td>
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(1,067 to 1,525)

Source: IPEDS Data Center
FY19 Legislative Request: $5 million directed exclusively for resident undergraduate financial aid

60% of undergraduates from Iowa: **18,246**
FY19 Capital Request: Veterinary Diagnostic Laboratory

$100 million over 5 years

- Essential to secure Iowa’s $32.5B animal agricultural industry
  - 8-to-1 return on investment

“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
THANK YOU