

IOWA STATE UNIVERSITY

Office of the President

FY19 Governor's Budget Hearing

Iowa State University

Wendy Wintersteen, President
November 28, 2017



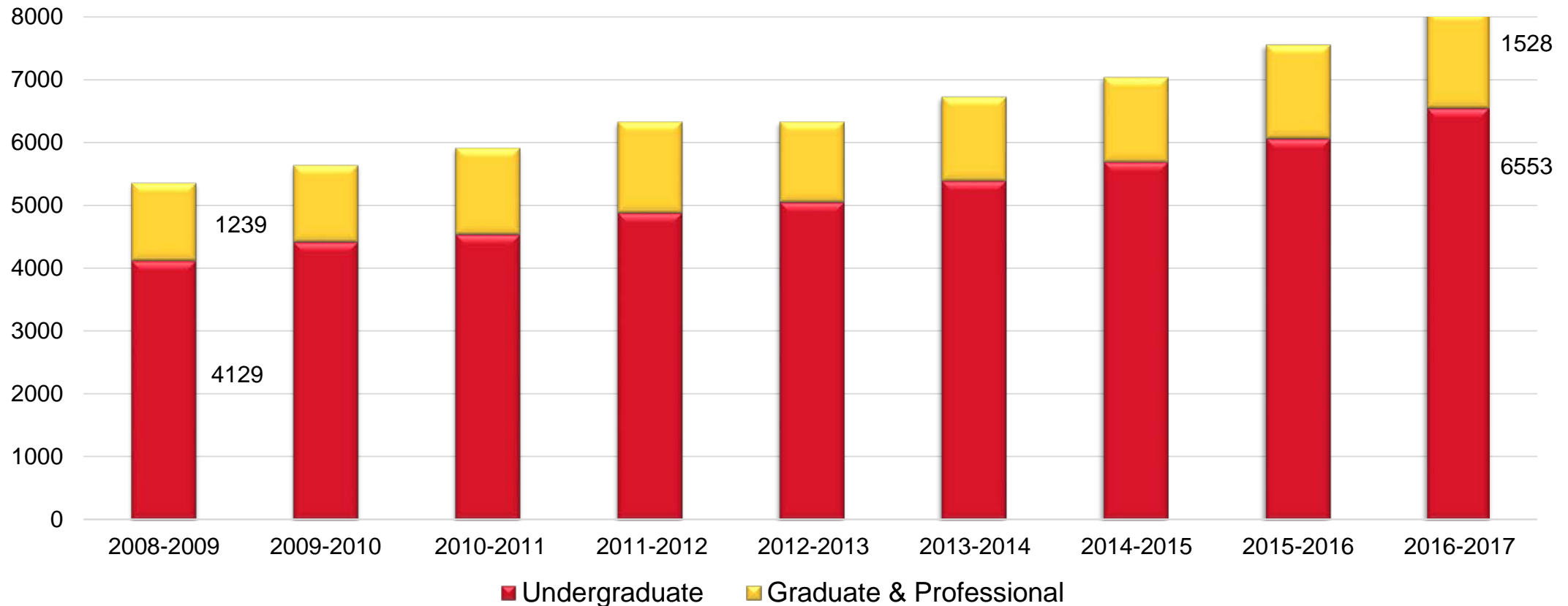
Enrollment 35%



*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

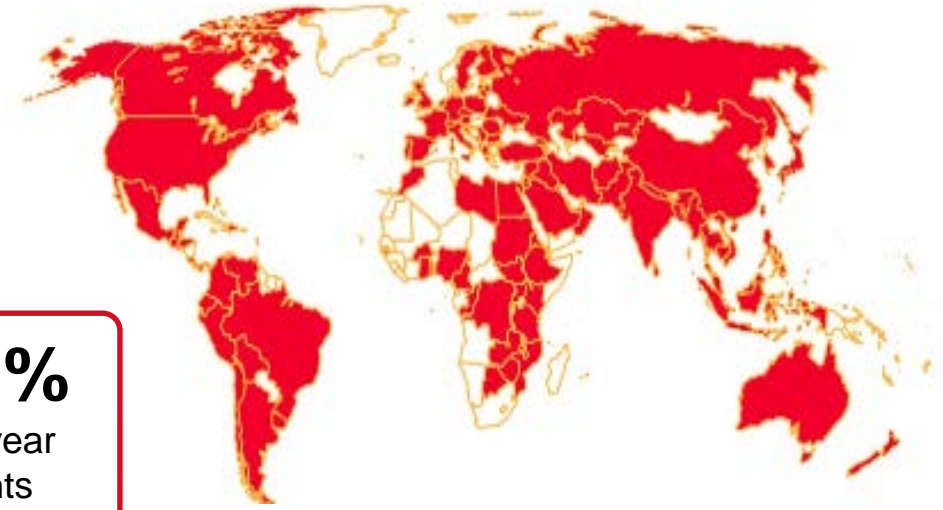
- 99-county campus
- 1 in 3 Iowans directly served each year

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



3.61

Avg. H.S. GPA



25.1

Avg. ACT Score



27%
of
undergraduates

First
Generation



20,490 total
2 out of 3
grad students

Ag/STEM
Students



77.5%
of first-year
students

Learning
Communities



87.5%

Retention
Rate



73.4%

6-Year
Graduation
Rate



95%

(4th consecutive
year)

Placement
Rate



52%

stay in Iowa

Iowa
Workforce



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



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

Institutional Support as % of Core Expense Source: IPEDS FY2015

Iowa State University	6.42%
AAU (Public and Private)	9.90%
AAU (Public Only)	8.24%
Big 12 Institutions	8.93%
Peer 11 Land-Grant Institutions	7.75%

Faculty Appointment (Progress since 2007)	Increase in Student Credit Hours (SCH) Taught	Increase in Faculty FTE	Retention Rate	4-Year Graduation Rate	6-Year Graduation Rate
Tenured, Tenure-Eligible, & Specialized Instruction Faculty	71%	43% (1,067 to 1,525)	87.5% (up from 84.9%)	46.4% (up from 35.3%)	73.4% (up from 65.6%)

Iowa Workforce Needs



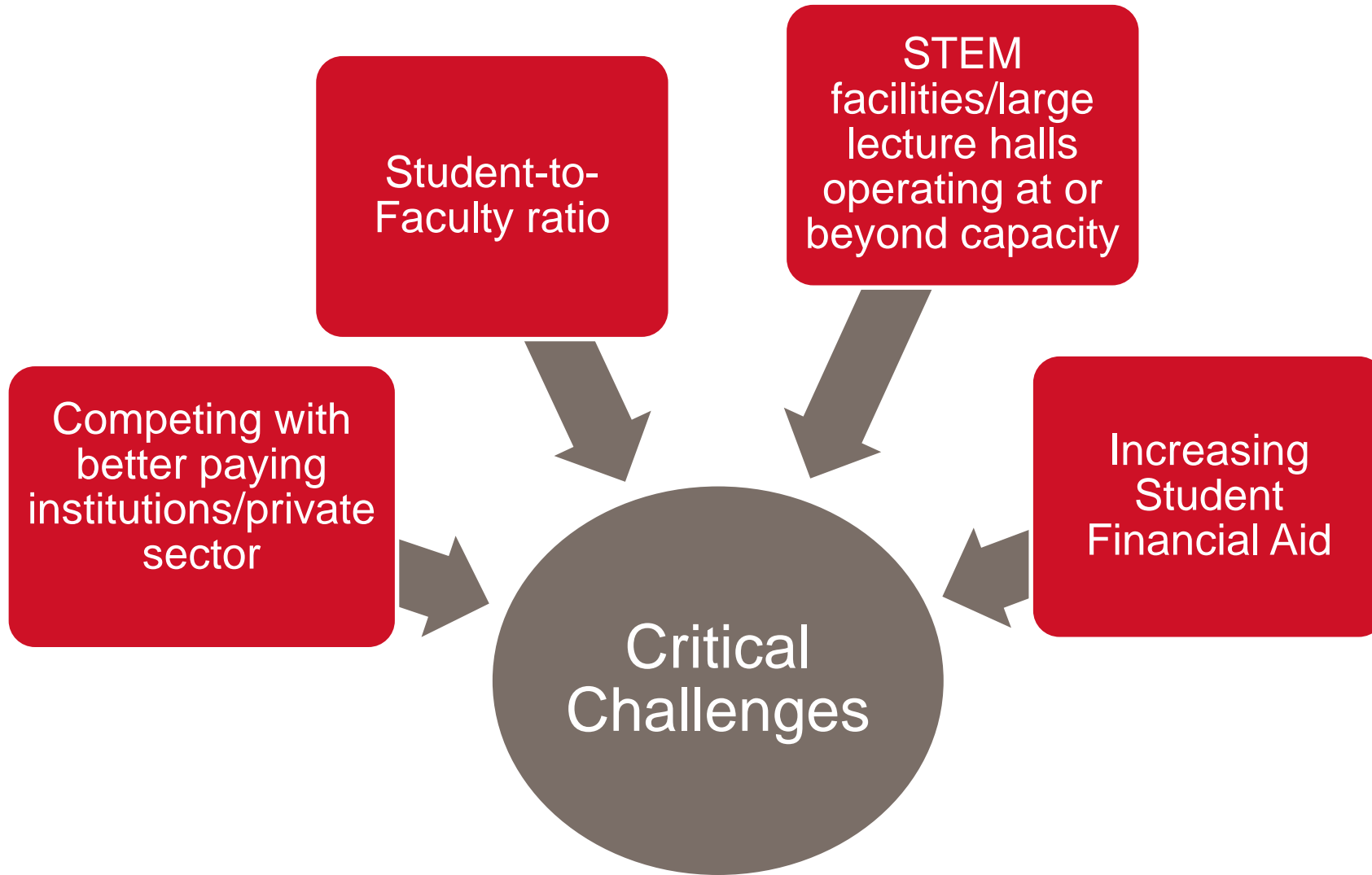
Future Workforce Needs:

- 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



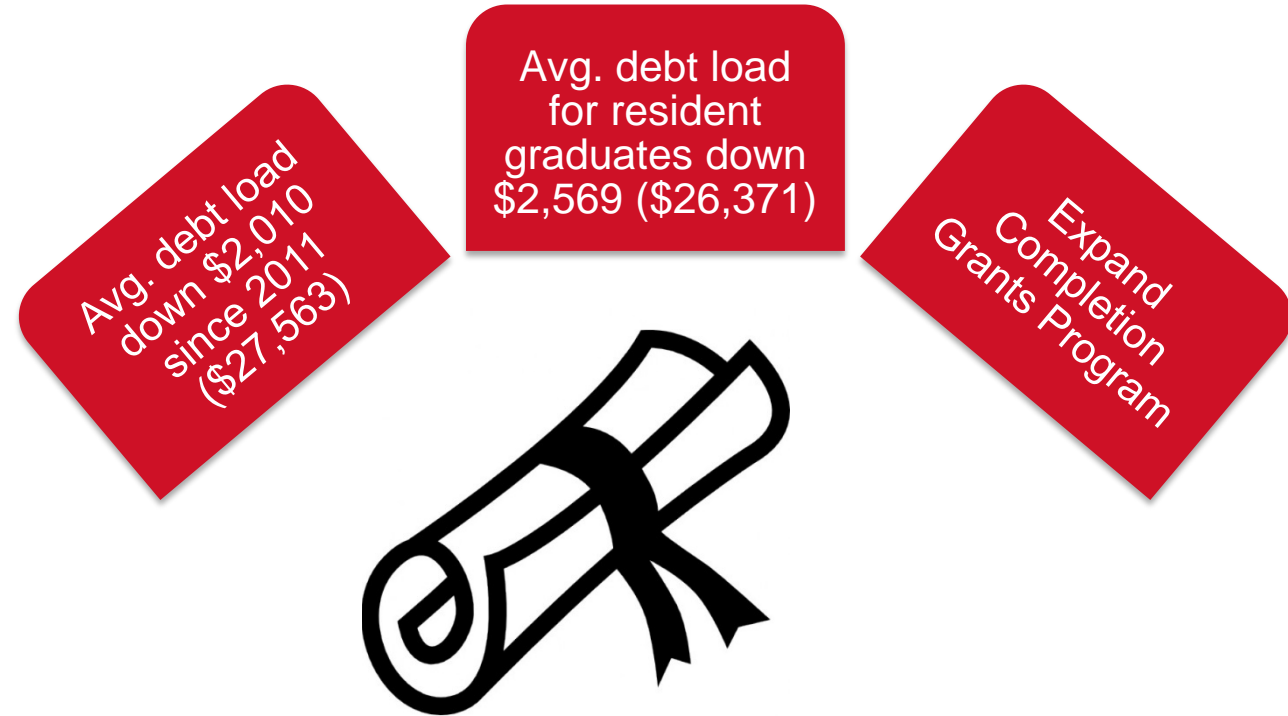
- ❖ Iowa State-DMACC partnership to fill critical shortage of cyber security workers (*300,000 cyber security jobs unfilled nationally in 2016*)

*Source: Georgetown University Center on Education



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



THANK YOU



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