



BOISE STATE UNIVERSITY

Boise State University Presentation to the Joint Finance and Appropriations Committee

January 28, 2014

Dr. Bob Kustra, President

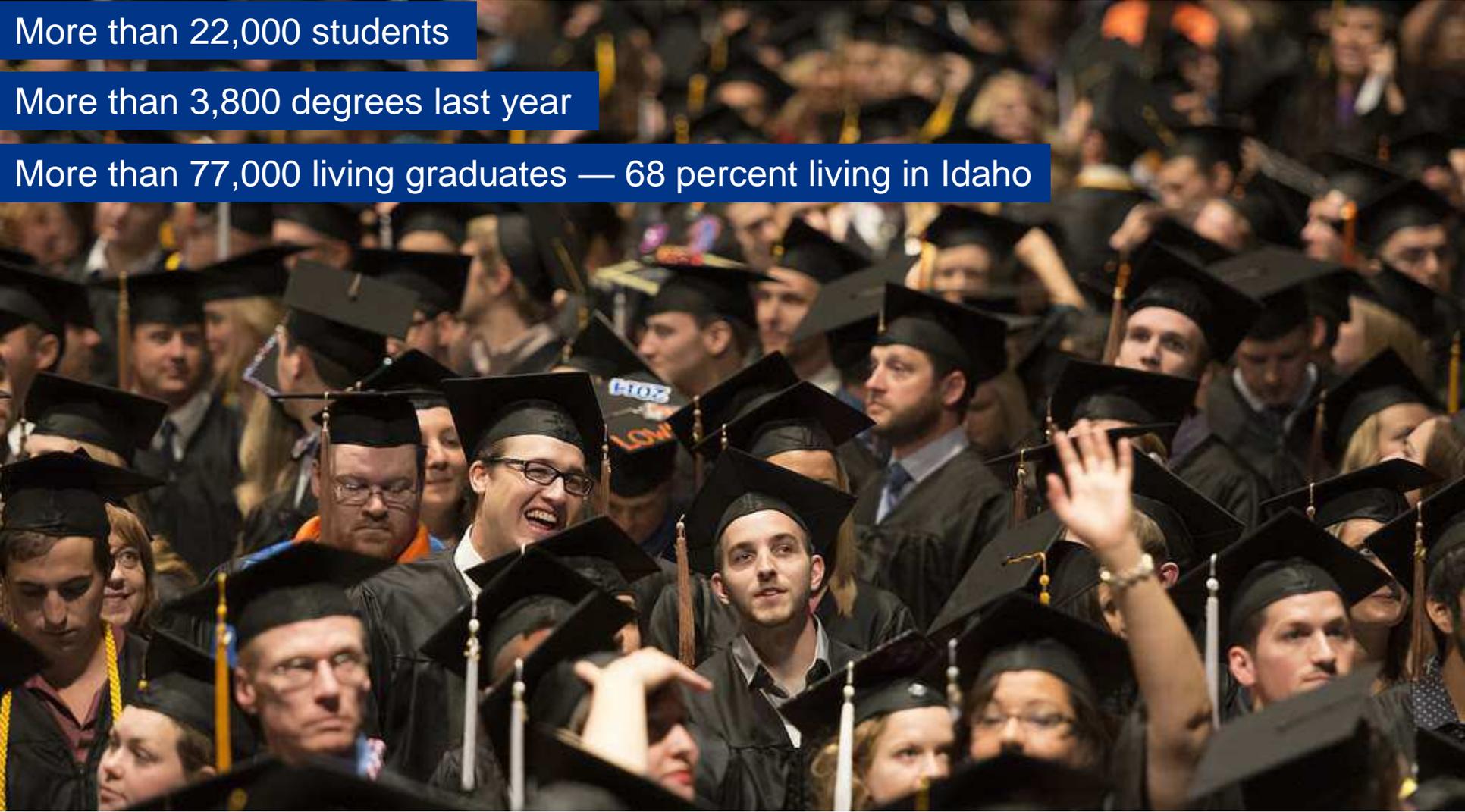


BOISE STATE UNIVERSITY

More than 22,000 students

More than 3,800 degrees last year

More than 77,000 living graduates — 68 percent living in Idaho





\$10 million NIH grant for a Center of Biomedical Research Excellence

2016 Carnegie Foundation Community Engaged Institution and Inaugural APLU Innovation & Economic Prosperity University

Online programs ranked among top 100 in the country by US News



Donors up 131%

Degrees up 52%

Enrollment up 18%

Research grants and contracts up 39%

Foundation assets up 59%



BOISE STATE UNIVERSITY

School of Public Service





BOISE STATE UNIVERSITY

Bridge to Career





Professors of the Practice



BOISE STATE UNIVERSITY

College of Innovation and Design





Ensuring Efficiency

Every university program evaluated on:

- Relevance
- Quality
- Productivity
- Efficiency



Complete College Idaho

Advisors: Keep students on track to finish on time and on budget.

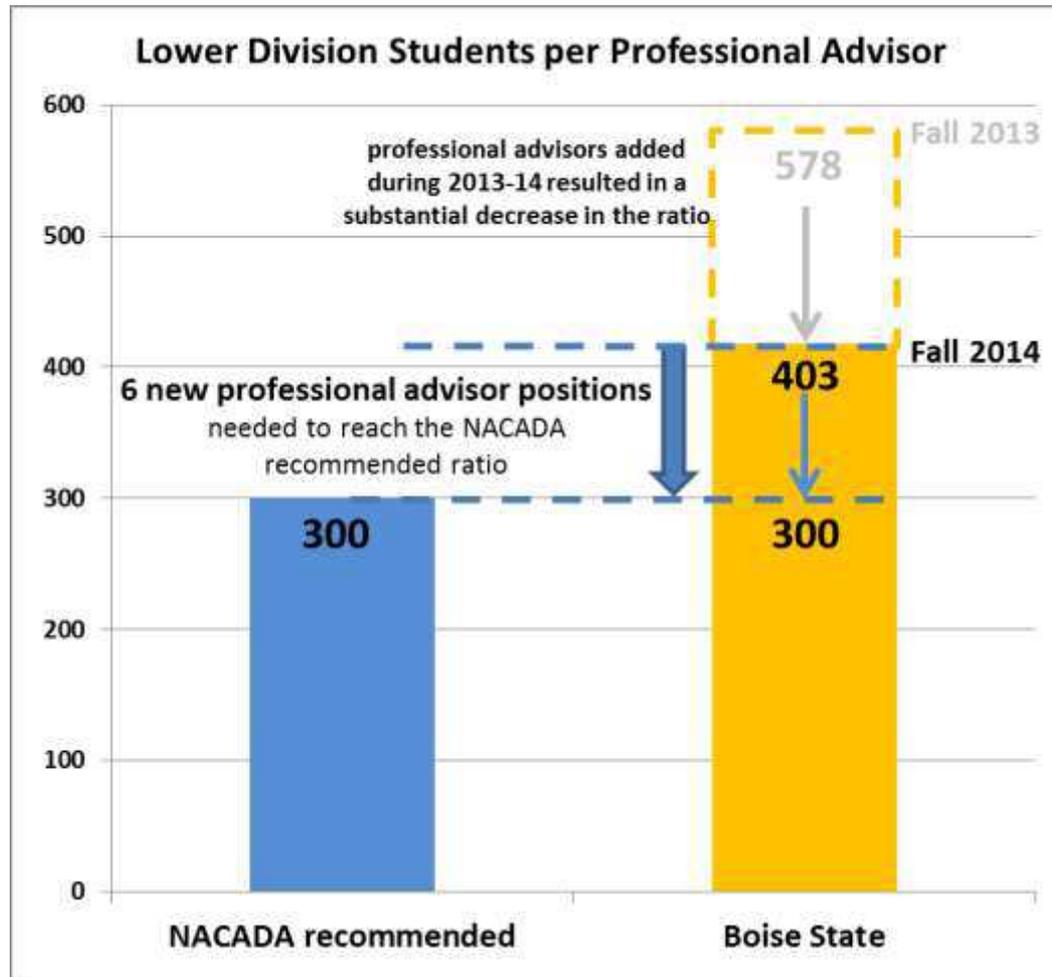
Tenure-track and clinical faculty: Teach the smaller upper-division courses that students need to be prepared for the workforce but can fill quickly and cause bottlenecks that delay graduation.

Boise State's request	Gov. Otter's recommendation
\$4,115,900	\$1,113,000 <ul style="list-style-type: none">• “to help remove existing bottlenecks to degree progression and graduation.”

Page 1-64 in the Legislative Budget Book

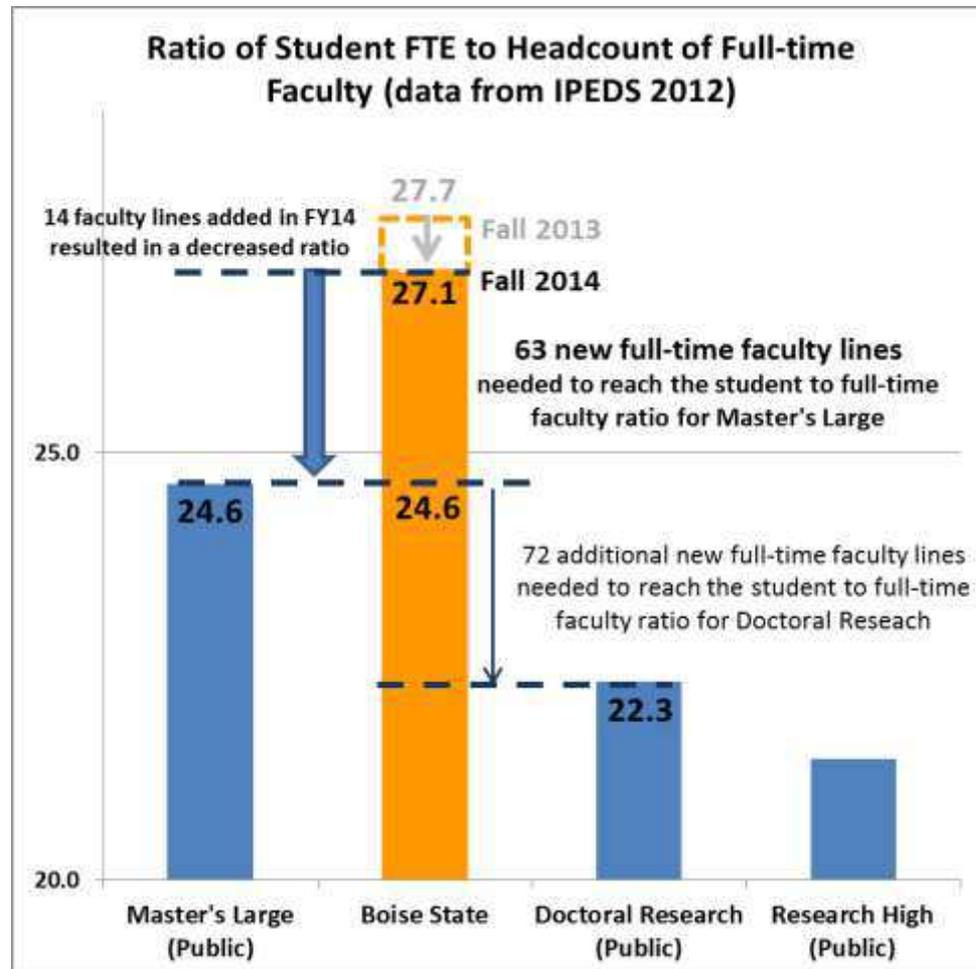


Professional Advisors





Tenure-Track and Clinical Faculty





Computer Science Workforce Initiative

Funding would be used to hire additional computer science faculty and graduate assistants to further support and enhance the growth that has been build with industry support and state workforce and IGEM funding over the past three years

Boise State's request	Gov. Otter's recommendation
<p>\$1,261,100</p> <ul style="list-style-type: none">• 8 FTE• 4 graduate teaching assistants• Included \$75,700 in one-time capital outlay	<p>\$694,000</p>

Page 1-65 in the Legislative Budget Book

STEMblog™

a project of STEMconnector®

The one-stop shop for who's doing what in Science, Technology, Engineering and Math

ACM Urges States to Expand Computer Science Education to Prepare K-12 Students for 21st Century Workforce Needs

Submitted by William Brown on March 5, 2014

New Report Presents Recommendations and Initiatives to Address CS Education Challenges



NEW YORK, NY - March 5, 2014 | Citing the rapid growth of computing jobs in virtually every industry sector in the United States, [ACM \(http://www.stemconnector.org/associationforcomputingmachinery\)](http://www.stemconnector.org/associationforcomputingmachinery) today issued a report urging states to provide more opportunities for students to gain the skills and knowledge needed to compete for these high-wage positions.

The report "[Rebooting the Pathway to Success: Preparing Students for Computing Workforce Needs in the United States \(http://www.stemconnector.org/associationforcomputingmachinery\)](#)" calls on education and business leaders and public policy makers to take immediate action aimed at filling the gap between the number of

students pursuing computing and related degrees, and to prepare them for the workforce. The report provides recommendations to help these leaders in states that address K-12 computer science education and to implement these efforts.

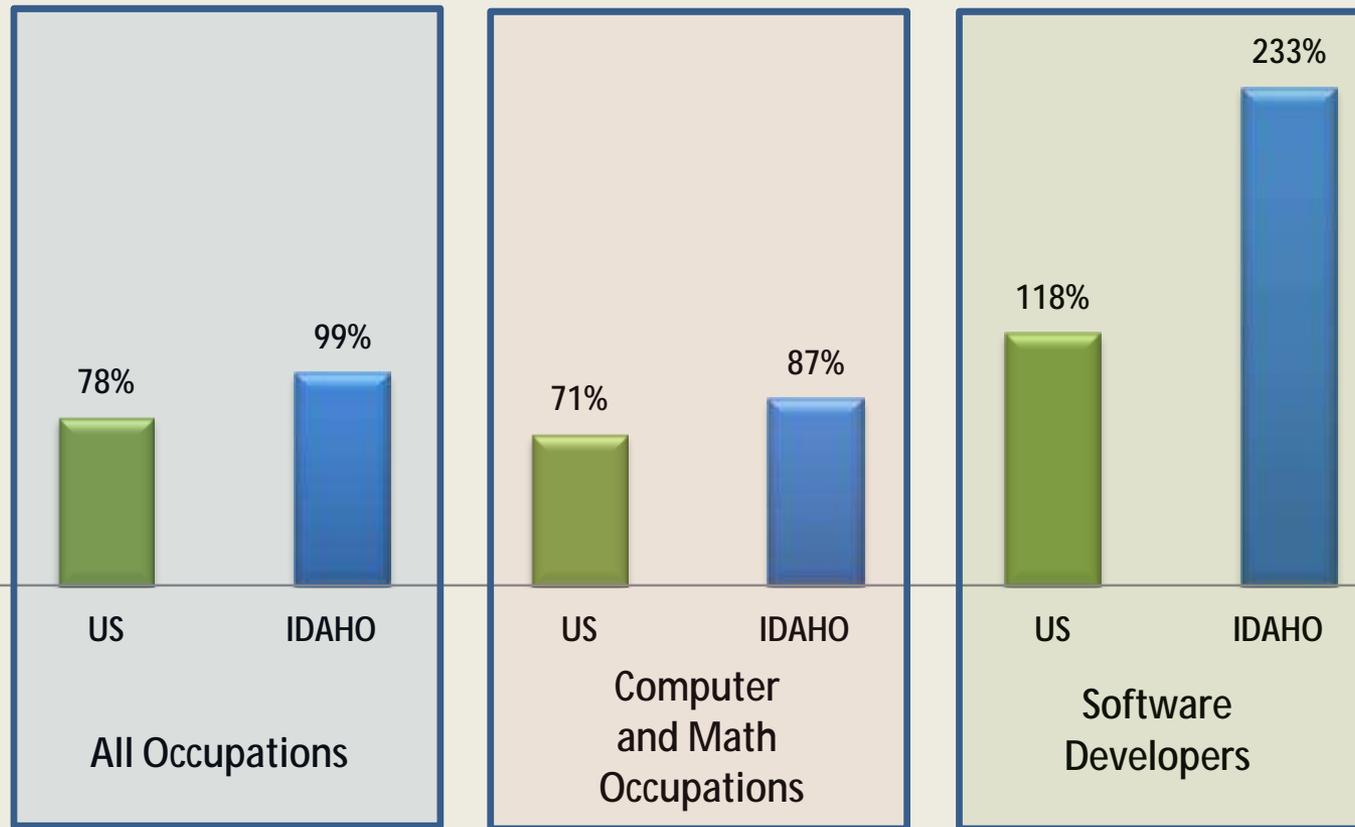
"By 2020, one of every two jobs in science, technology, engineering, and mathematics (STEM) will be in computing," said William Schimbel, chair of ACM's Education Policy Committee. "This concentration of computing positions in STEM makes it imperative for K-12 students in academic and career technical education programs to gain more opportunities to learn computer science."

ACM CEO and Executive Director John White said that despite national calls for improved STEM

“By 2020, one of every two jobs in science, technology, engineering, and mathematics (STEM) will be in computing”



Percentage Growth in Job Ads During the Economic Expansion (April 2009 to April 2014)



Information provided by the Idaho Department of Labor using Help Wanted On-Line Job Listings data, June 2014.



BOISE STATE UNIVERSITY





BOISE STATE UNIVERSITY

Small Business Development Center

Accelerating business growth through coaching and training.

A proven 4:1 return on investment.

Investing \$298,600 for 4 FTE to join the 8 Idaho locations could lead to 16 new businesses, 100 new jobs, a \$2 million increase in sales and \$2 million in capital raised.

Page 1-115 in LBB

Focus on: rural, export and technology companies.

In partnership with Idaho's universities and colleges:



University of Idaho



Idaho State
UNIVERSITY

Lewis-Clark
STATE



BOISE STATE UNIVERSITY

Thank You!

