Boise State University
Presentation to the Joint Finance and Appropriations Committee

January 28, 2015
Dr. Bob Kustra, President
More than 3,800 degrees last year
More than 22,000 students
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
Research grants and contracts up 39%
Donors up 131%
Degrees up 52%
Enrollment up 18%
Foundation assets up 59%
School of Public Service
Bridge to Career
Professors of the Practice
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.

<table>
<thead>
<tr>
<th>Boise State’s request</th>
<th>Gov. Otter’s recommendation</th>
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<tbody>
<tr>
<td>$4,115,900</td>
<td>$1,113,000</td>
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<td>• “to help remove existing bottlenecks to degree progression and graduation.”</td>
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Professional Advisors

Lower Division Students per Professional Advisor

- Professional advisors added during 2013-14 resulted in a substantial decrease in the ratio.
- 6 new professional advisor positions needed to reach the NACADA recommended ratio:
  - NACADA recommended: 300
  - Boise State: 403
- Fall 2013: 578
- Fall 2014: 403
Tenure-Track and Clinical Faculty

- 63 new full-time faculty lines needed to reach the student to full-time faculty ratio for Master's Large
- 72 additional new full-time faculty lines needed to reach the student to full-time faculty ratio for Doctoral Research

Ratio of Student FTE to Headcount of Full-time Faculty (data from IPEDS 2012)

- 14 faculty lines added in FY14 resulted in a decreased ratio
- Fall 2013: 27.7
- Fall 2014: 27.1

- 24.6 for Master's Large (Public)
- 24.6 for Boise State
- 22.3 for Doctoral Research (Public)
- Research High (Public)
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.

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<tr>
<td>$1,261,100</td>
<td>$694,000</td>
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<tr>
<td>• 8 FTE</td>
<td></td>
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<td>• 4 graduate teaching assistants</td>
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<td>• Included $75,700 in one-time capital outlay</td>
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“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)

<table>
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<tr>
<th>Occupation</th>
<th>US</th>
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<tbody>
<tr>
<td>All Occupations</td>
<td>78%</td>
<td>99%</td>
</tr>
<tr>
<td>Computer and Math</td>
<td>71%</td>
<td>87%</td>
</tr>
<tr>
<td>Software Developers</td>
<td>118%</td>
<td>233%</td>
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</table>

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

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Focus on: rural, export and technology companies.

In partnership with Idaho’s universities and colleges: