

# Motivation

## CS/CE Degrees Nationally and Locally

### Nationally

- 12,171 B.S. CS/CE graduates each year in U.S.<sup>1</sup>
- 1,532 Ph.D. CS graduates in U.S.<sup>1</sup>
- Nearly two-thirds (63 percent) of executives from tech companies across the nation reported they plan to hire in the next 12 months.<sup>2</sup>

### Oregon

- 245 B.S. C.S. graduates across Oregon Univ. System (OUS)
- There has been no increase in OUS BS CS graduates in the last decade
- 80% of Oregon tech businesses plan to hire in the next 12 months.<sup>3</sup>
- Numerous companies have located in Oregon recently and/or have extensive needs for computing graduates at all levels (BS, MS, PhD)

1. Zweben, S. and Bizot, B. 2012 *Taulbee Survey*. Computing Research News, May 2013;

[http://cra.org/uploads/documents/resources/crndocs/2012\\_taulbee\\_survey.pdf](http://cra.org/uploads/documents/resources/crndocs/2012_taulbee_survey.pdf)

2. "Talent Shortage May Impede New Hiring by Technology Companies," Technology Councils of North America, <https://www.dropbox.com/s/1d92kum09izirpi/11-12-2013-TECNA%20Survey%20-%20National%20PR-FINAL.pdf>

3. "Oregon Tech Survey Finds Universities, Talent Shortage are Biggest Concerns," The Oregonian,

[http://www.oregonlive.com/silicon-forest/index.ssf/2013/11/oregon\\_tech\\_survey\\_finds\\_unive.html](http://www.oregonlive.com/silicon-forest/index.ssf/2013/11/oregon_tech_survey_finds_unive.html)