

Oregon TECH

Oregon Tech 1-2-3

1 University, 2 Campuses, 3 Satellites

State of the University

September 17, 2012

Christopher G. Maples, President

Oregon Tech: A Statewide Mission

- 65-year history in Oregon
- 29-year history in the Portland Metropolitan Area

Oregon Tech: 1-2-3

1 University, 2 Campuses, 3 Satellites
For Student Success

We need all of these to provide the growth, economy of scale, and student options necessary for our long-term success

Keys to Our Future Success: Rising to the Challenges from 2011 Convocation

➤ Long-term financial viability

- ✓ Increase number of students
- ✓ Increase retention and number of graduates
- ✓ Larger percentage of non-Oregon students
- ✓ Increase endowment value, scholarship opportunities, and other non-state sources and amounts of funds

Data from Chancellor's Office Evaluation of Oregon Tech (June 2012):

Enrollment: +114

Graduates: +41

Freshman Retention: +2.8 points

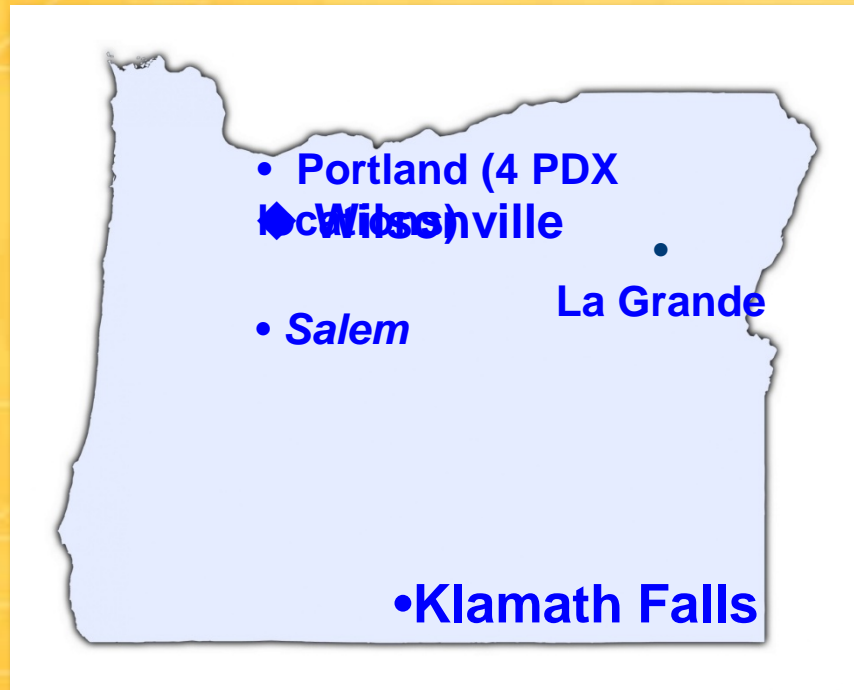
Philanthropy: +\$1.8M

Enhanced marketing presence, & focused message in Development & Alumni Relations

Effective online portfolio

Hands-on education for real-world achievement.

Oregon Tech: Campus & Satellite Sites



Hands-on education for real-world achievement.

Oregon Tech Wilsonville: Purchase & Occupation Timeline

Purchase Date 2013

- ✓ Sign Lease June 2010
- ✓ Preliminary Design 2010–2011
- ✓ Final Construction June 2011
- ✓ Bonding Approval July 2011
- ✓ Lease Commences Sept 2011
- ✓ TI Construction Begins Dec 2011
- ✓ TI Construction Ends May 2012
- ✓ Move-in Begins May 2012
- ✧ Purchase Building Apr–Jun 2013



Classes Begin: September 24, 2012

Thank you to everyone who helped change the game for Oregon Tech!

Wilsonville Organizational Chart



Hands-on education for real-world achievement.

Keys to Our Future Success: Rising to the Challenges from 2011 Convocation

➤ Focus on Re-balancing Student Mixes

- ✓ Larger % of non-Oregon students
- ✓ Larger % of non-rural students
- ✓ Enhanced transferability, dual enrollments, and student life

➤ Establish more of an international presence

Reverse Transfer with KCC

Oregon Tech College Access Challenge Grant (CACG) Award

Office of Academic Agreements

New Student Life Staff



Hands-on education for real-world achievement.

Keys to Our Future Success: Rising to the Challenges from 2011 Convocation

➤ Focus on Re-balancing Student Mixes

- ✓ Larger % of non-Oregon students
- ✓ Larger % of non-rural students
- ✓ Enhanced transferability, dual enrollments, and student life

➤ Establish more of an international presence

Admissions Staff Goal of 200 non-resident students enrolled for Fall 2012

Number of Enrolled Non-resident Students for Fall 2012 as of September 14:

209

Keys to Our Future Success: Rising to the Challenges from 2011 Convocation

➤ Sustain regional, state, and national mission

Faculty & Staff Kudos & Accomplishments

➤ Enhance regional, state, and national reputation

OTREC Partnership in \$3.5M UTC Grant (with PSU, UO, & UU)

✓ Quality, Quality, Quality

Continued Success with Accreditations

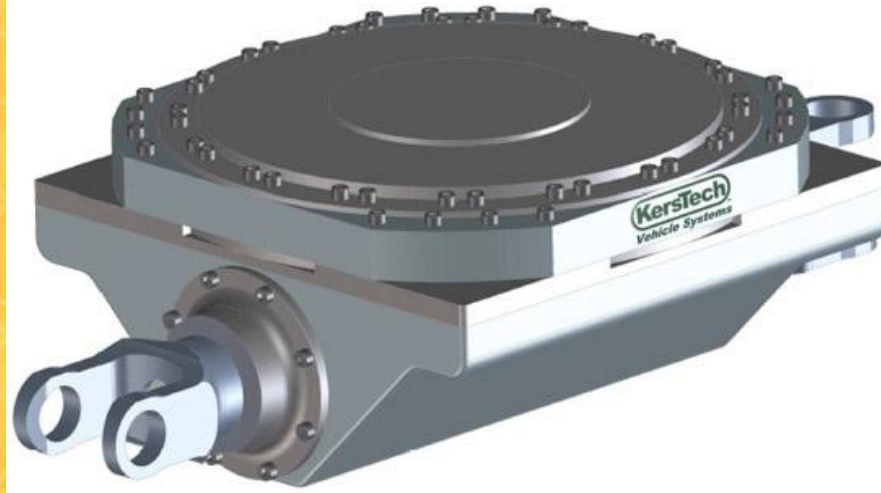
✓ Broader, deeper industry relationships

Associate VP for Strategic Partnerships & Government Relations

Faculty, Student, & Class Projects

“KersTech Vehicle Systems and Oregon Institute of Technology will work together on developing an efficient electric motor ideal for use in garbage trucks and city buses.”

Sustainable Business Oregon
August 8, 2012



“Our team is excited to work with Oregon Tech to apply their control systems and hybrid drive experience.”

Tim Miller, President &
CEO Green Lite Motors

Faculty, Student, & Class Projects

- ✓ Dr. C.J. Riley—2012 American Society of Civil Engineering (ASCE) ExCEED New Faculty Excellence in Teaching
- ✓ Freshmen in Dr. Riley's Civil Engineering class design, fabricate, and construct passive-solar chicken coops



Oregon Tech: Recognition & Kudos

Ranked #10 college in the Western US in 2013 *USNews*

- Ranked #3 public college in the Western US

Ranked among the top 35 engineering programs (bachelors- & masters-degree universities) in US in 2013 *USNews* (up from #60 in 2012)

- Tied with Univ. of Portland, Boise State Univ., +
- #13 public university (#6 non-military public)

Ranked 3rd in Oregon in ROI by *Bloomberg Businessweek* College ROI report

- In the western US, Oregon Tech is ranked ahead of all colleges & universities in AK, AZ, HI, ID, KS, MT, ND, NM, NV, & WY
- Highest starting salaries in Oregon



Oregon Tech: Recognition & Kudos

- ✓ Noted in *Forbes* Magazine as one of the top 650 (top 20%) of all colleges and universities in the nation again in 2012 +44
- ✓ STARS Bronze Rating for Sustainability
- ✓ Top BSREE and only ABET-accredited BSREE in the US
- ✓ Military Friendly School® for 2013 in *G.I. Jobs Magazine*



Oregon Tech: Recognition & Kudos

- ✓ Back-to-Back CCC Regular-Season & Tournament Champions: Softball



- ✓ Back-to-Back-to-Back-to-Back Regular-Season & Tournament Champions: Men's Basketball

- ✓ NAIA D-II National Champions: Men's Basketball



- ✓ 10 of 11 Oregon Tech Sports Teams with GPAs of ≥ 3.00 (11th team with GPA = 2.98)

- ✓ Mike Schell: Cascade Collegiate Conference AD of the Year



Hands-on education for real-world achievement.

Chancellor's Office Assessment, Oregon Tech: 2011–2012

Improving & Stable Trends

Total Enrollment (Fall 2011)	3,911	+14
New Undergraduate Enrollment	870	+ 49
Freshman Campus Retention	73.2%	+2.8 points
Freshman System Retention	76.3%	+0.2 points
Campus Graduation Rate	43.1%	+0.9 points
System Graduation Rate	50.8%	+1.6 points
Student to Full-time Faculty Ratio	20.6	+0.0
Student Diversity	26.3%	+0.6 points
Faculty Diversity	13.7%	+1.1 points
Sponsored Research (\$ Millions)	4.4	+0.0
Faculty Compensation	104.1%	+2.2 points
Women in Engineering	165	+26
Total Degrees Awarded	538	+41
Degrees in Shortage Areas	216	+37
Philanthropy (\$ Millions)	18.5	+1.8

Declining Trend

New Transfer Student Retention	72.8%	-1.4 points
--------------------------------	-------	-------------

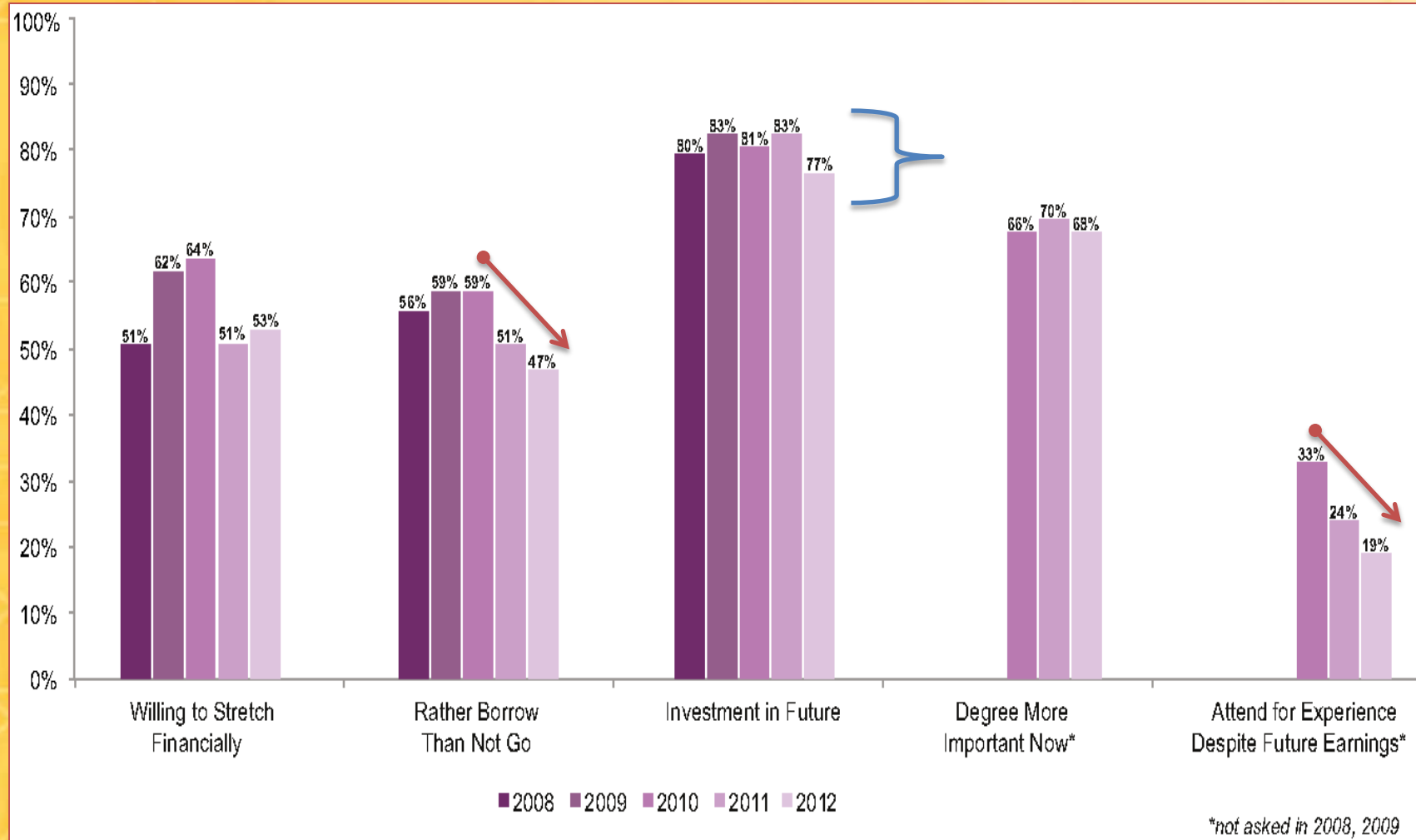
Thank you, Faculty, Staff, & Students for a Remarkable Year!

Oregon Tech is Poised to Make Great Strides...

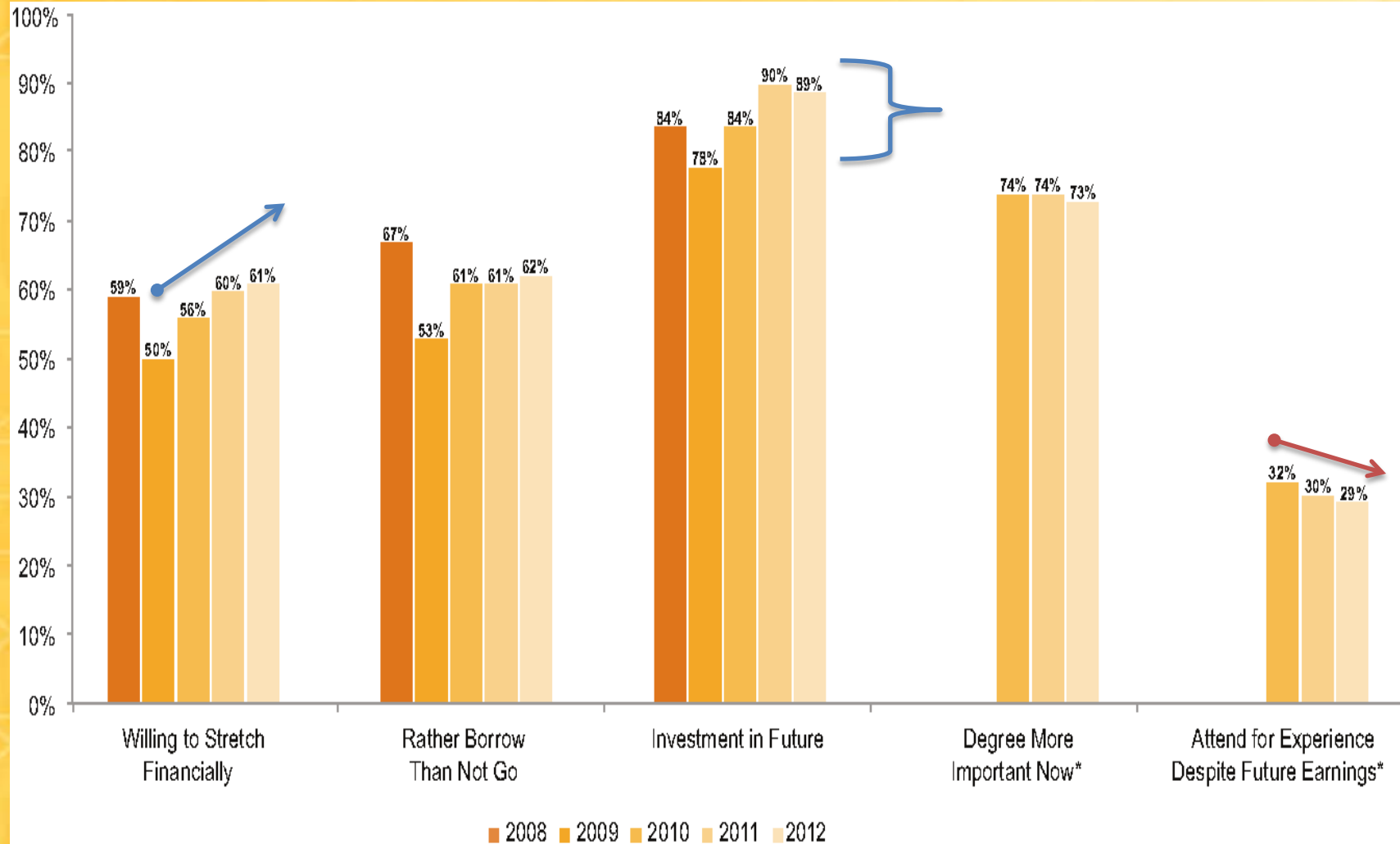
Relevance and ROI are now “cool”

- Parents & students alike increasingly are driven by the prospects of what happens after graduation
 - Our majors are relevant now and have potential to evolve over time to enhance their relevance
 - Business publications now are ranking universities on ROI

Parents' Attitude Towards College (Strongly Agree)



Students' Attitude Towards College (Strongly Agree)



*not asked in 2008, 2009

Oregon Tech is Poised to Make Great Strides...

With two centralized campuses, Oregon Tech is set to offer programs and majors at opposite ends of Oregon for both rural and urban students

- Additional opportunities for partnerships with high schools, community colleges, other universities, and businesses

We are not tied to a “publish or perish” mentality

- Applied research & development of intellectual property (IP) is both stimulating and potentially a creative source of revenue

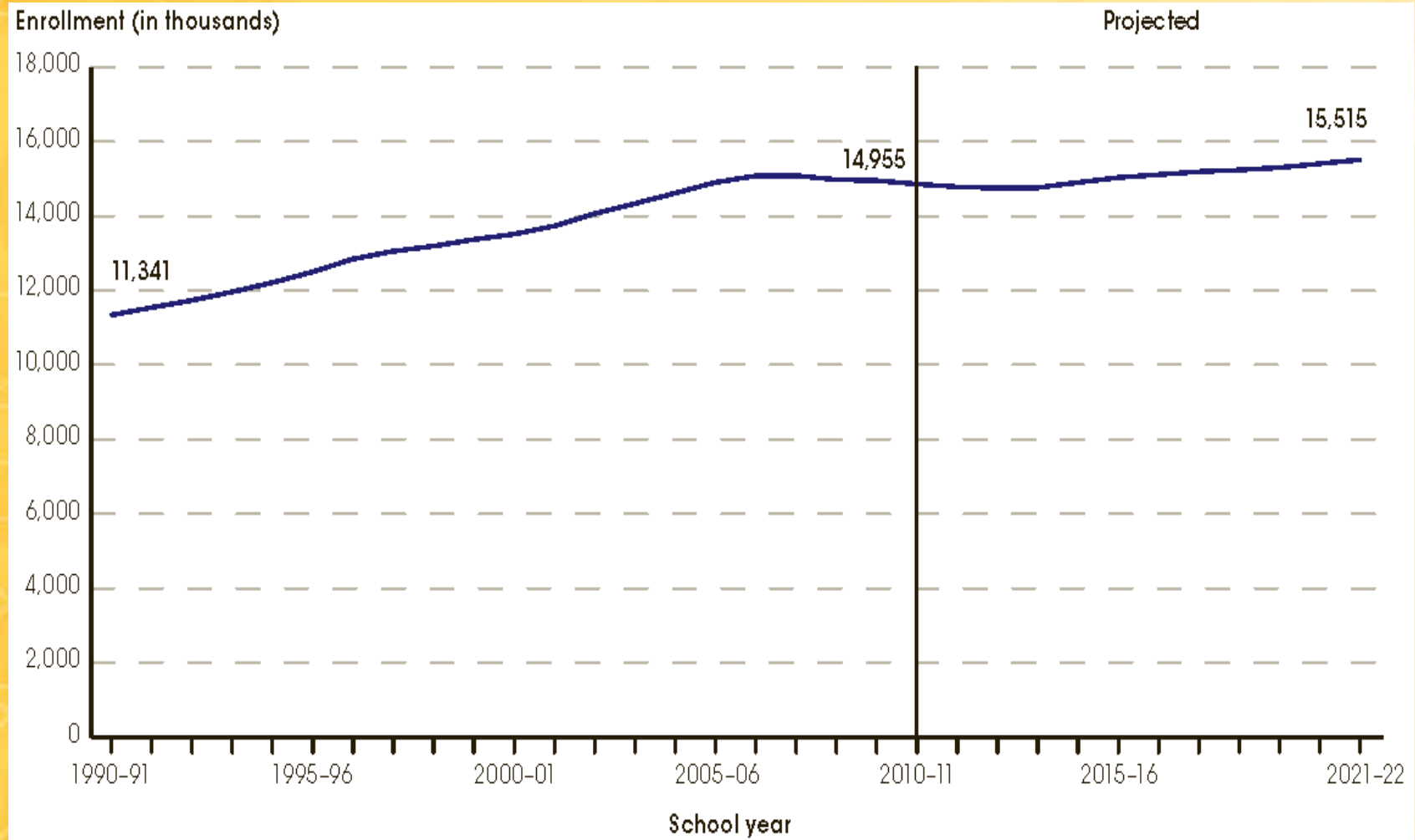
We have a firm footing for “here and now” course delivery

Oregon Tech is Poised to Make Great Strides...

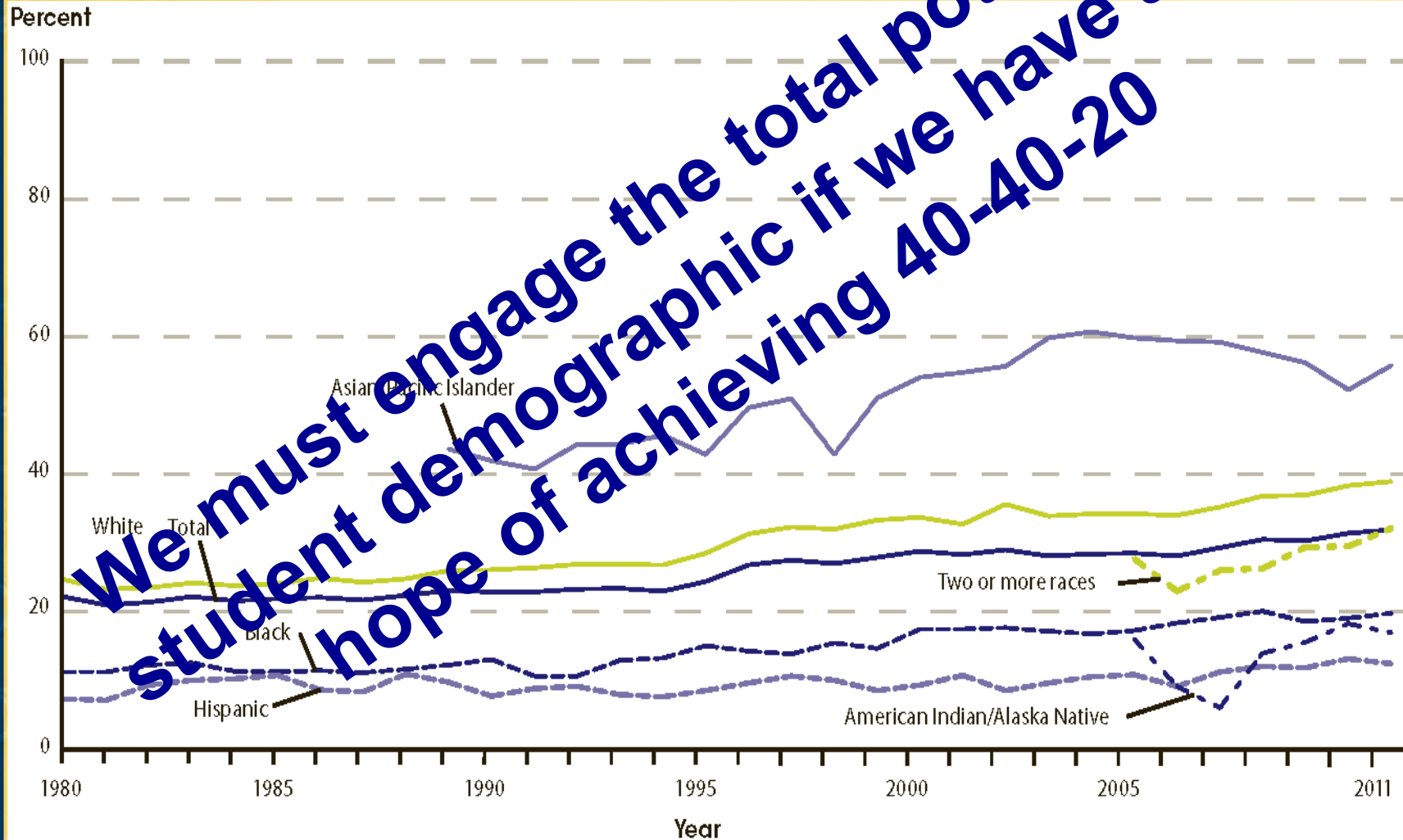
We have opportunity & responsibility to take advantage of changing demographics in Oregon & the nation

- High-school enrollments are beginning to flatten, but we increasingly are seeing students transfer college credits
- Oregon's K-12 high-school population is ~20% Hispanic
- One of the largest populations of veterans since WWII will be entering college in the next 3-6 years

Actual and projected public school enrollment in grades 9 through 12 in the US: School years 1990–91 through 2021–22



Percentage of 25- to 29-year-olds with a bachelor's degree or higher, by race/ethnicity: 1980–2011

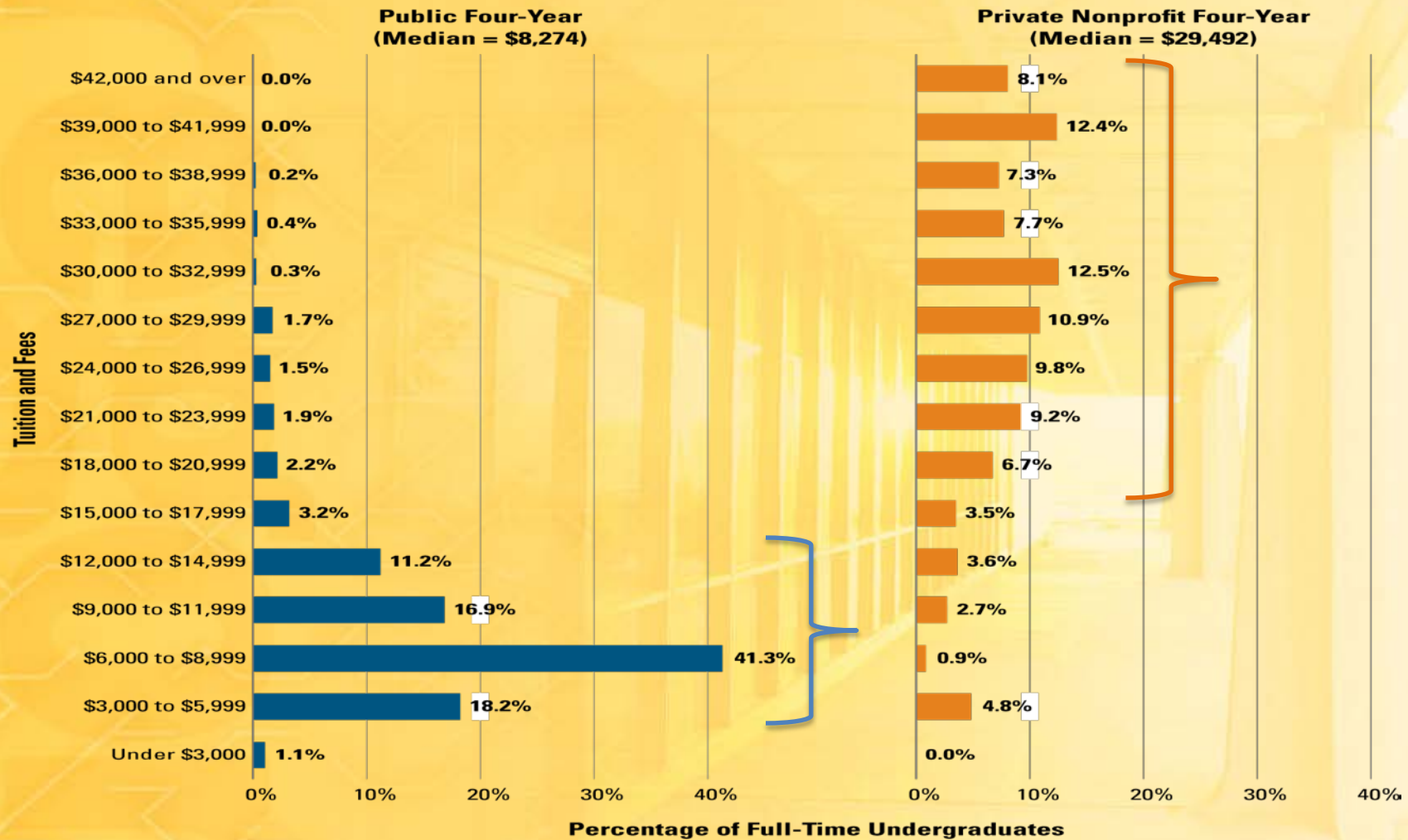


Oregon Tech's Challenges to Seize the Opportunities for Greatness

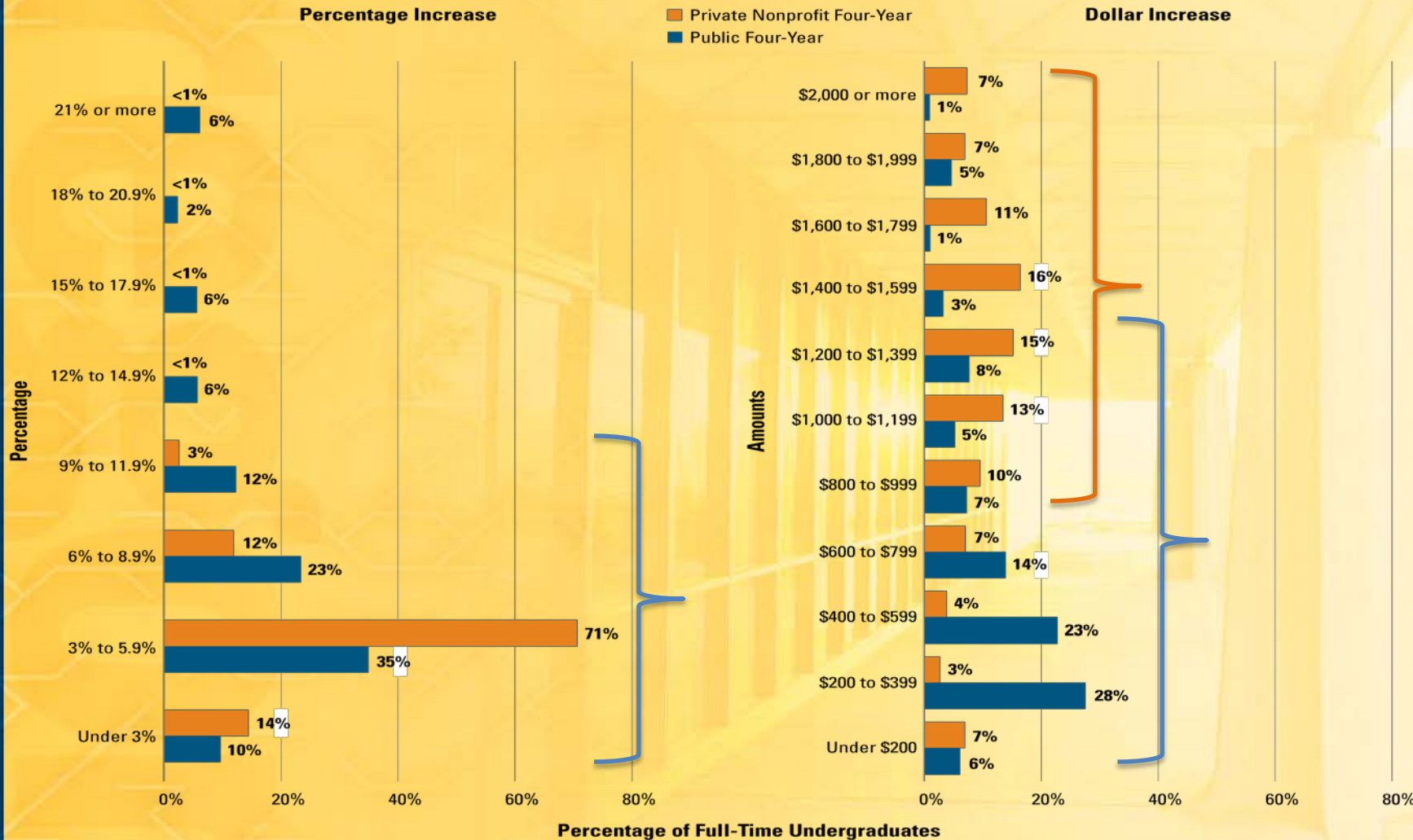
As a polytechnic university, our programs are high cost, but we have not (yet) priced ourselves out of the market

Nonetheless, students & parents increasingly are driven by education cost & sensitive to high-% increases, yet state support has been decreasing rapidly in Oregon

Distribution of Full-Time Undergraduates at Four-Year Institutions by Published Tuition and Fees, 2011-12



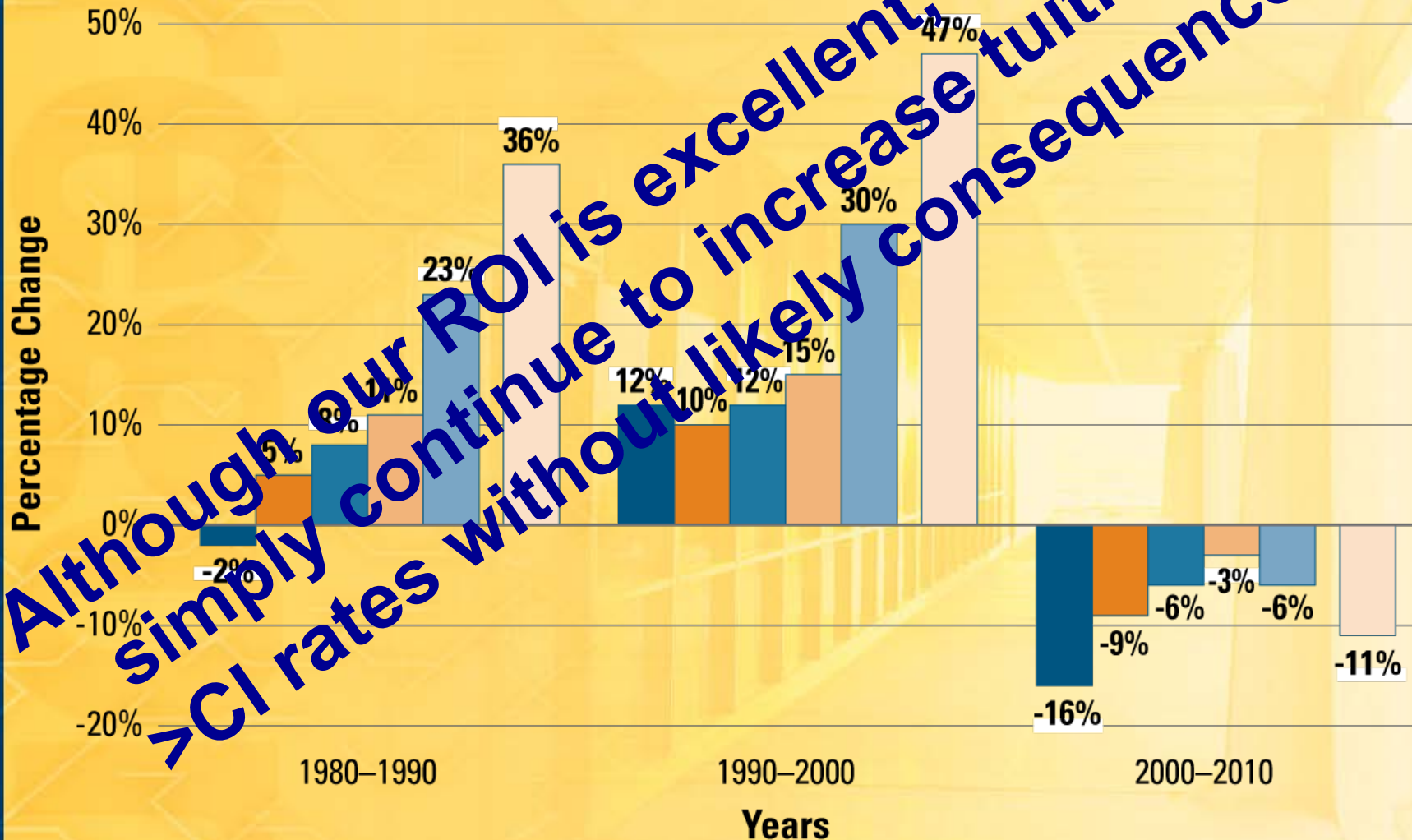
Distribution of Full-Time Undergraduates by Percentage & Dollar Increase in Published Tuition & Fees, 2011-12



Oregon TECH

% Change in Inflation-Adjusted Mean Family Income by Quintile, 1980–1990, 1990–2000, and 2000–2010

Legend: ■ Lowest 20% ■ Second 20% ■ Third 20% ■ Fourth 20% ■ Highest 20% ■ Top 5%



Although our ROI is excellent, we cannot simply continue to increase tuition at >CI rates without likely consequences

Oregon Tech's Challenges to Seize the Opportunities for Greatness

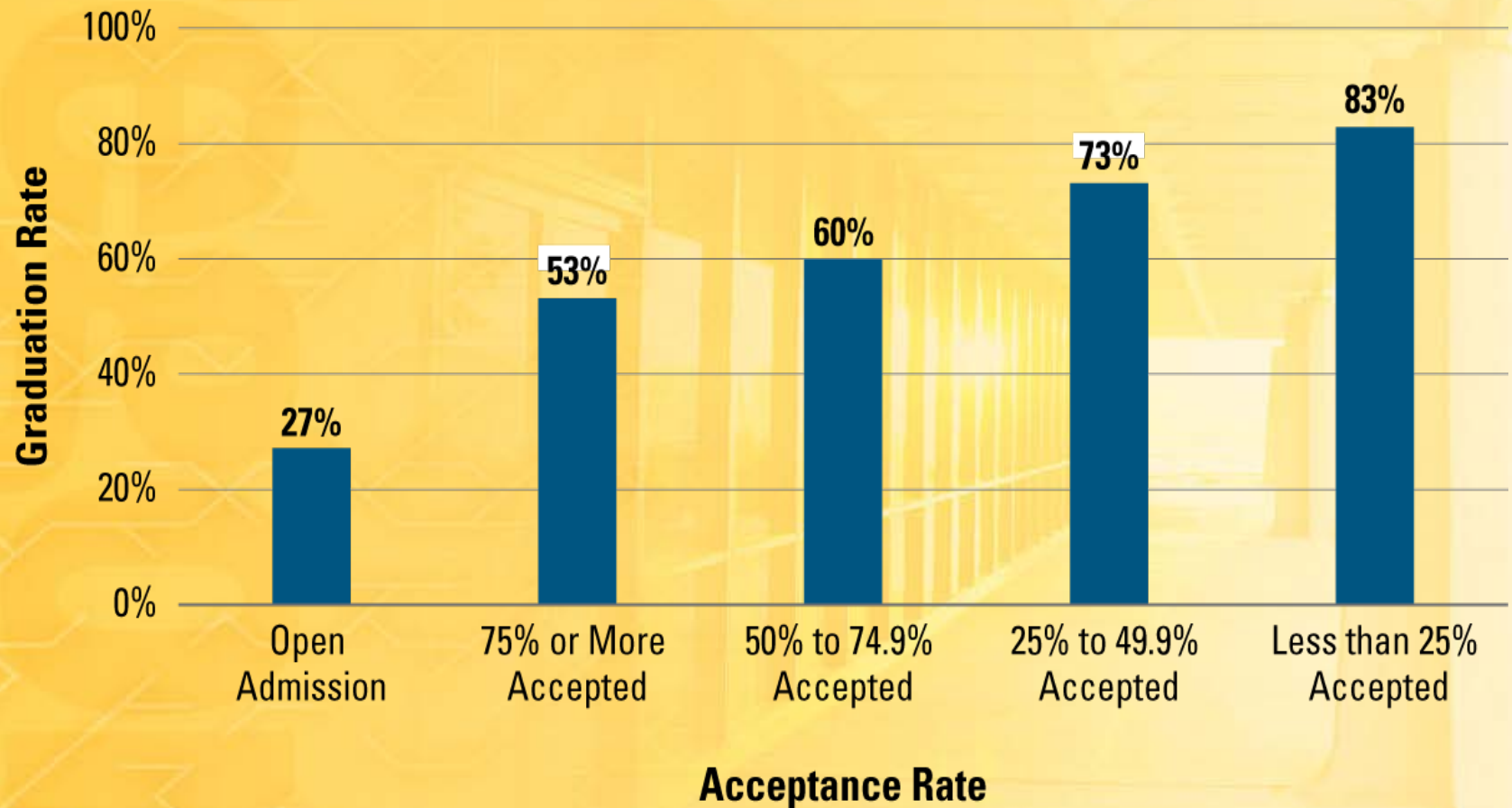
- We have a checkered past in alumni relations & development, but we have made excellent progress in a short period of time [renewed trust & philanthropic success do not occur overnight!]
- Our emphasis on hands-on education is labor intensive & requires a low student-to-faculty ratio
- Oregon Tech's business model takes graduation market into account, which handicaps us compared to most other universities but does result in a higher ROI because of our graduate success

Oregon Tech's Challenges to Seize the Opportunities for Greatness

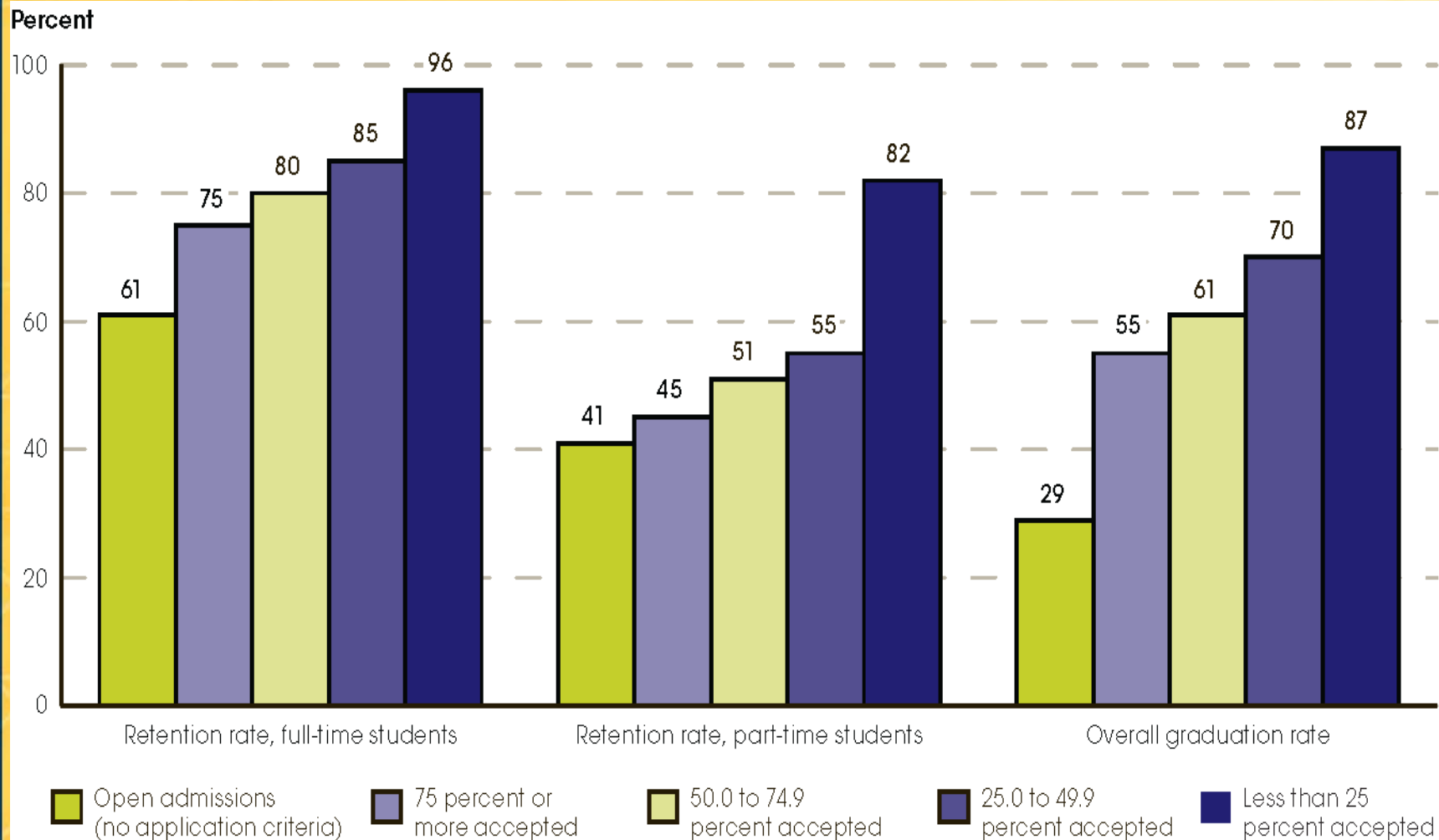
The State of Oregon will reward growth, but our most-likely growth strategy will have to rely on retention and throughput rate at least as much as actual increase in student FTE

Consequently, we must deal with both access and progress in order to increase our number of graduates

Overall Graduation Rate by Fall 2008 of 2002 Cohort at Four-Year Institutions by Acceptance Rate of Institution



Retention & graduation rates within 150% of normal time at all 4-year degree-granting institutions, by student-attendance status & acceptance rate: Fall 2010



Oregon Tech's Challenges to Seize the Opportunities for Greatness

The State of Oregon is unlikely to increase support for Higher Education in the foreseeable future, but the dramatic decreases of the past 4 years seem unlikely as well

The worst economic recession in Oregon Tech's history seems to be ending, but the new economy does not seem to be one that will see the same growth rates as before

Oregon TECH

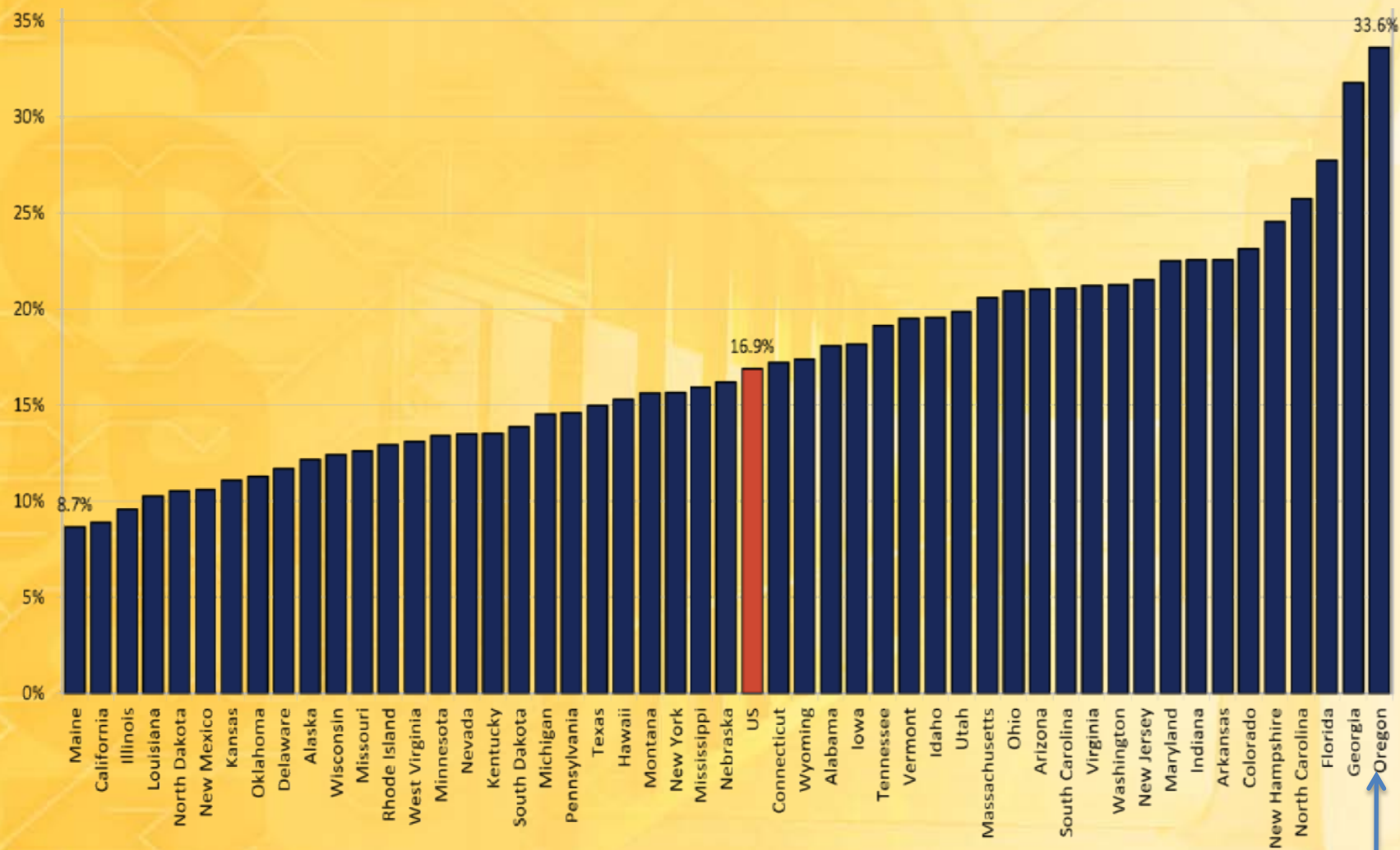
Educational Appropriations per FTE Percent Change by State, Fiscal 2006-2011 [Oregon: -20.8%; -33% July 2009–July 2012]



Note: Dollars adjusted by 2011 HECA, Cost of Living Adjustment, and Enrollment Mix Index.

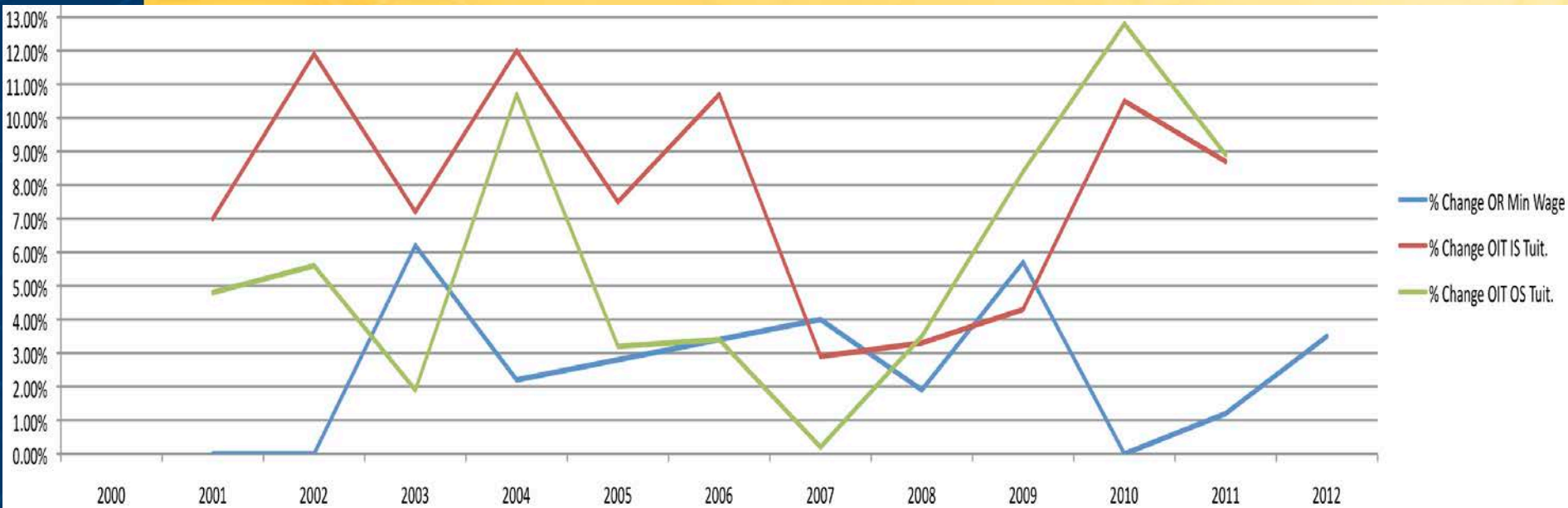
Source: State Higher Education Executive Officers

Full-Time-Equivalent (FTE) Enrollment in Public Higher Education Percent Change by State, Fiscal 2006-2011



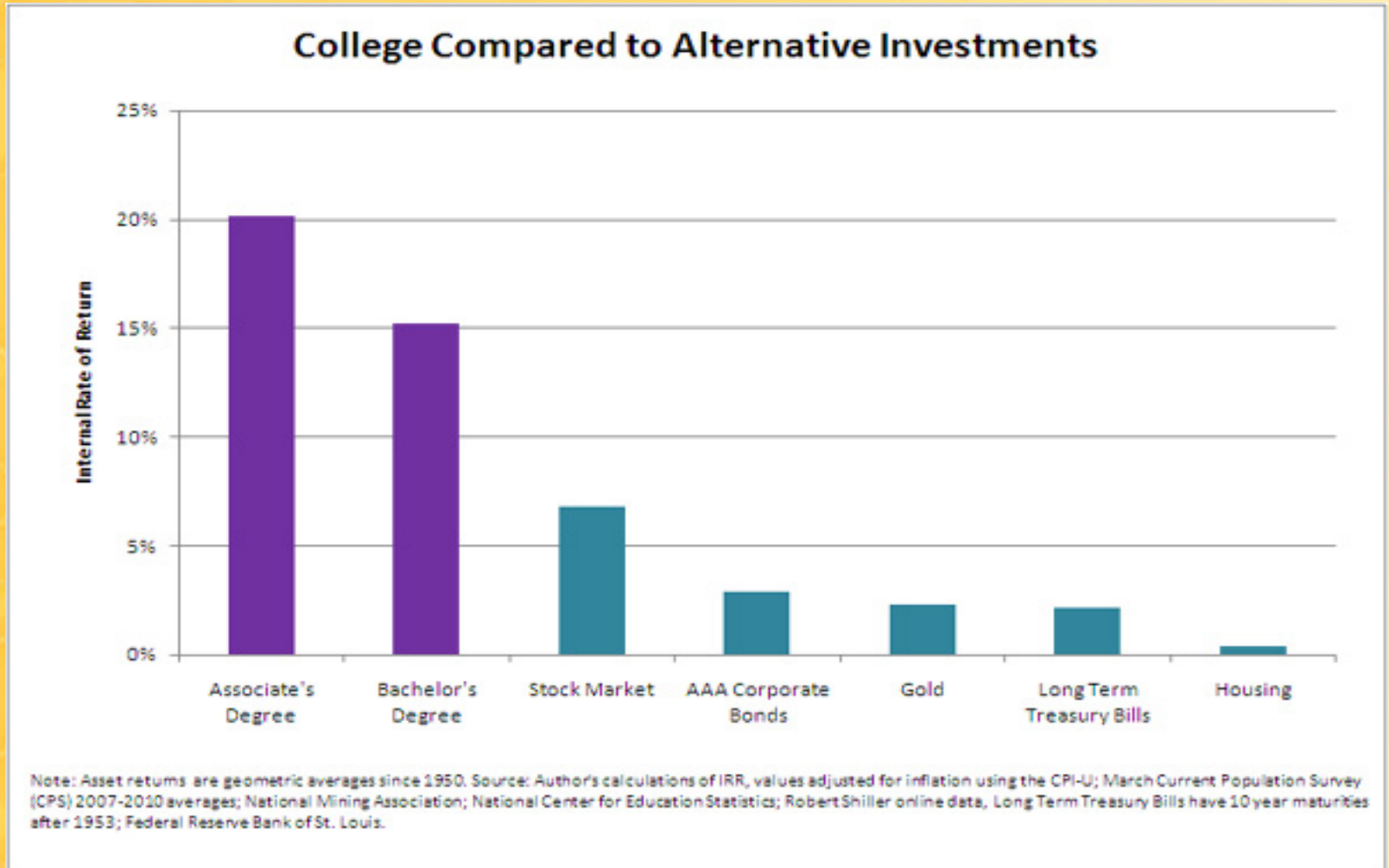
Source: State Higher Education Executive Officers

% Increases of Minimum Wage in Oregon Compared with Tuition Increases at Oregon Tech, 2001–2012



Because of the dramatic decrease in state support for Higher Education in Oregon, tuition has risen far faster than most students' ability to pay by working even multiple part-time, lower-wage jobs!

Changing the Discussion from Cost to Investment!



What's More Expensive Than College? Not Going to College

By Derek Thompson

Hands-on education for real-world achievement.

Challenges, Opportunities, & Oregon Tech's Path Forward to 40-40-20

Assess adequately prior learning, yet maintain quality and viability

Increase retention and graduation rates with little or no additional state support

Maintain access, yet control that access through entrance requirements

Provide adequate student and faculty support, yet deliver courses, programs, and degrees in different locations (e.g., when and where students want them)

Challenges, Opportunities, & Oregon Tech's Path Forward to 40-40-20

Increase minority, female, and rural participation and success in polytechnic post-secondary education

Sharpen our focus on post-graduate student success

Enhance our brand, marketing, and niche differentiation

Possibly migrate to a high-cost/high-discount tuition model

Keys to Our Future Success: Rising to the Challenges from 2011 Convocation

Oregon Institute of Technology will be the university of choice for students who desire active, relevant, hands-on education; high-tech and health-professional careers; problem-solving and critical-thinking skills; and the desire to shape their own career paths.

Oregon Tech 1-2&3



Thank you, Faculty, Staff, & Students for what I am certain will be an even more remarkable 2013!

- Oregon Tech
- 1 University
- 2 Campuses
- 3 Satellites
- Urban Growth
- Rural Access
- Statewide Mission
- Student Focus
- Prepared Graduates
- Successful Alumni
- National Reputation
- Growth + Quality