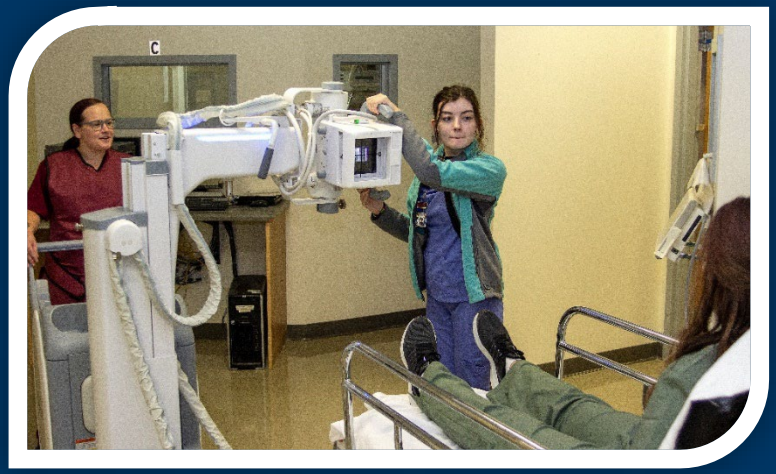
Oregon Tech's Course for Future Success in a Changing Higher Education Landscape

Nagi G. Naganathan, Ph.D., ASME Fellow
President

2023-24 AY Convocation

September 19, 2023

Graduate Success Rates Lead the State



AVERAGE STARTING SALARY
$60K
PER YEAR
FOR OREGON TECH GRADUATES

REGIONAL COLLEGES WEST*
#2
TOP
PUBLIC SCHOOLS
2023

RETURN ON INVESTMENT
#1
IN OREGON
PAYSCALE COLLEGE ROI

BEST UNDERGRADUATE ENGINEERING*
#29
2023

Georgetown University Ranking (2022)

#1 in Oregon

Top 3% of 4,500 universities & colleges in the nation for long-term return on investment

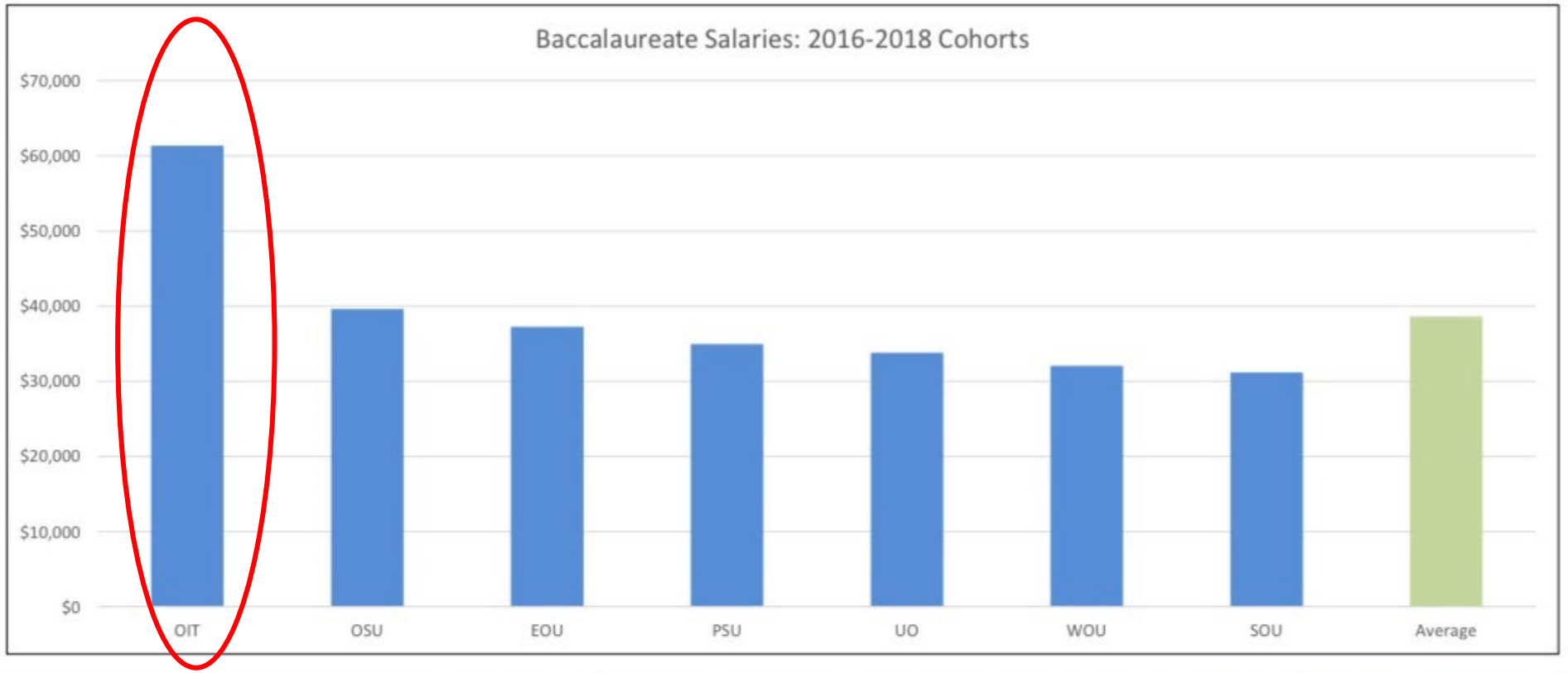
GEORGETOWN UNIVERSITY
Center on Education and the Workforce

Oregon TECH
Oregon Institute of Technology

*2023 *U.S. News and World Report* "Best Colleges"

Salaries of Oregon Tech Baccalaureate Degree Graduates

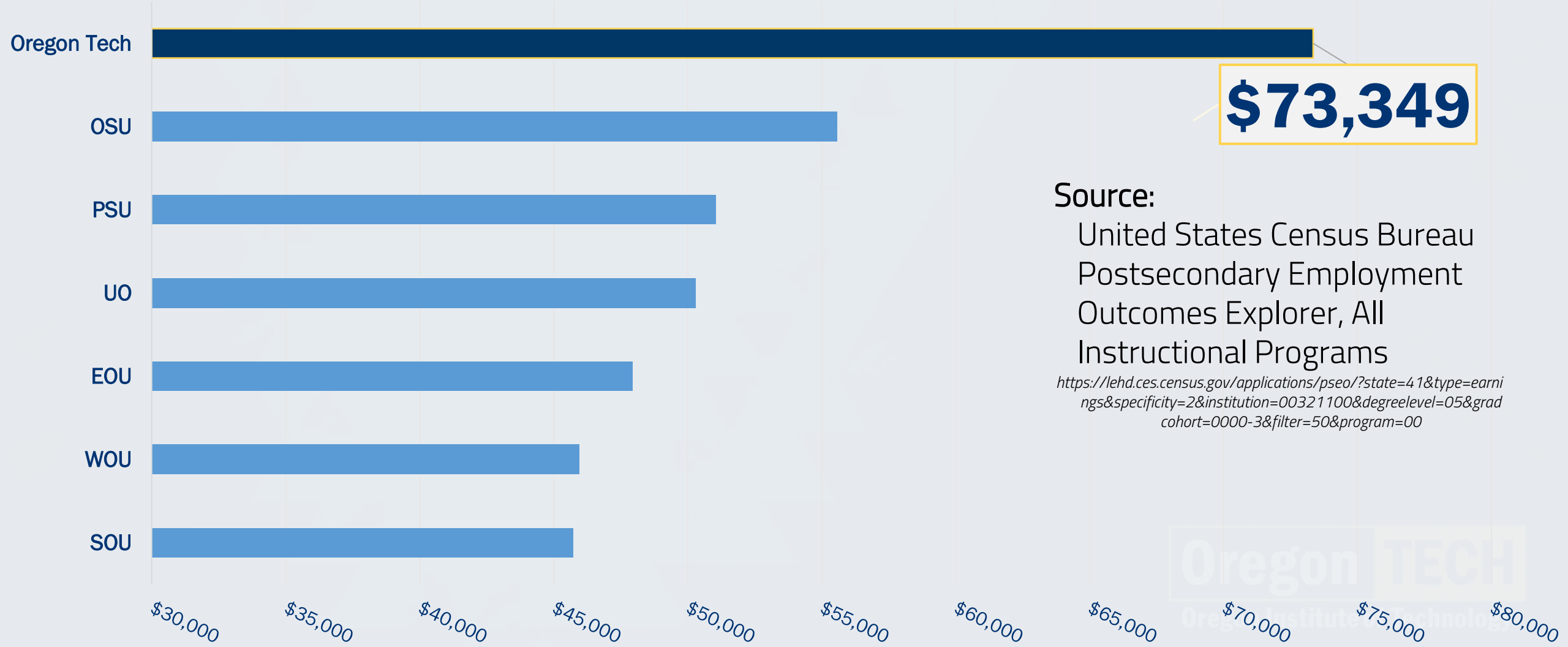
Data Source: United States Census Bureau
Post-Secondary Employment Outcomes
Criteria: 2016-18 Baccalaureate cohorts, 1 year Postgrad - 50 percentile



	OIT	OSU	EOU	PSU	UO	WOU	SOU	Average
Baccalaureate Salaries: 2016-2018 Cohorts	$61,381	$39,620	$37,244	$34,965	$33,819	$32,064	$31,179	$38,610

TECH
Oregon Institute of Technology

Median Annual Earning 5 Years After Graduation

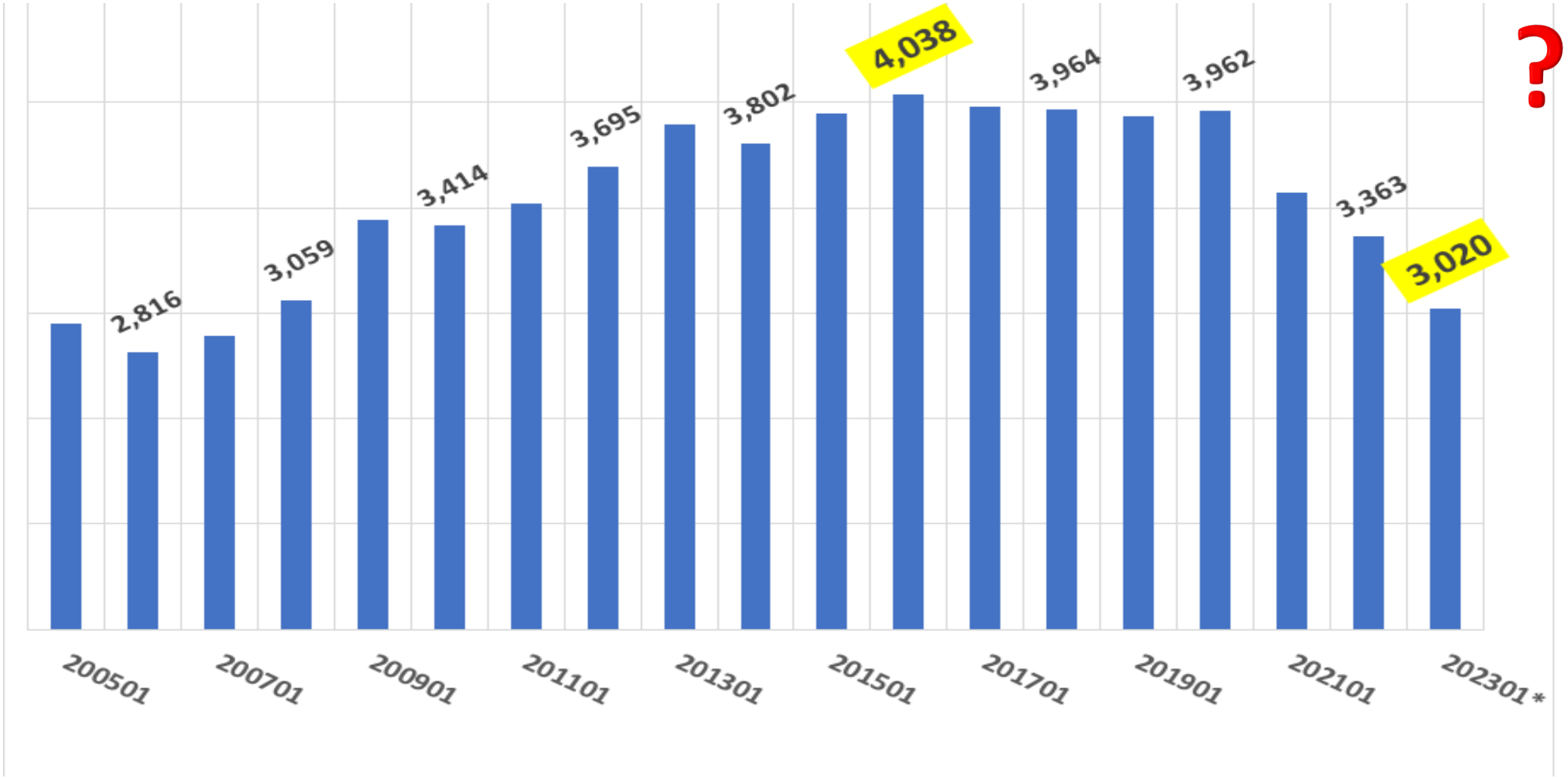


Source:

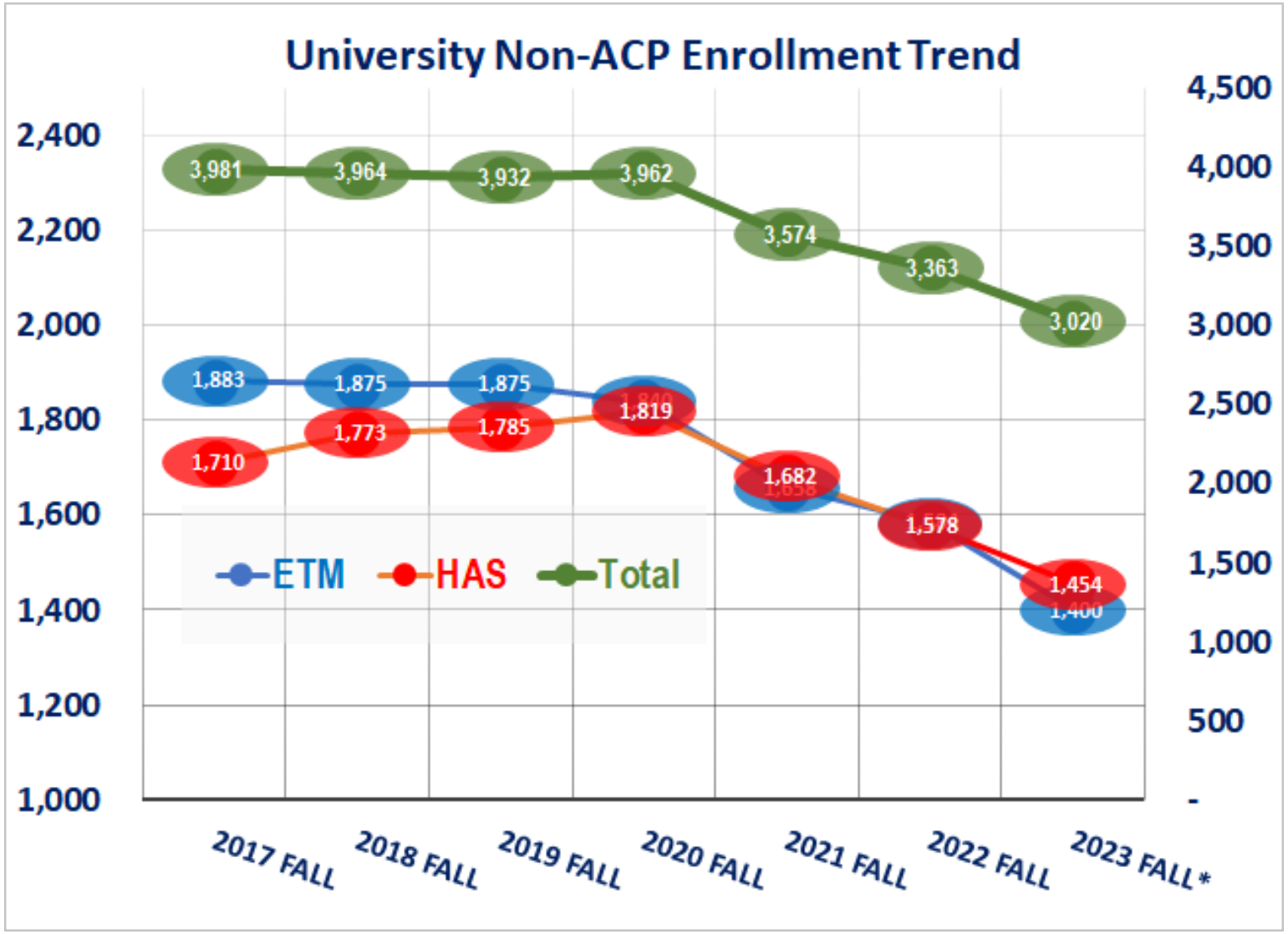
United States Census Bureau Postsecondary Employment Outcomes Explorer, All Instructional Programs

https://lehd.ces.census.gov/applications/pseo/?state=41&type=earnings&specificity=2&institution=00321100&degreelevel=05&gradcohort=0000-3&filter=50&program=00

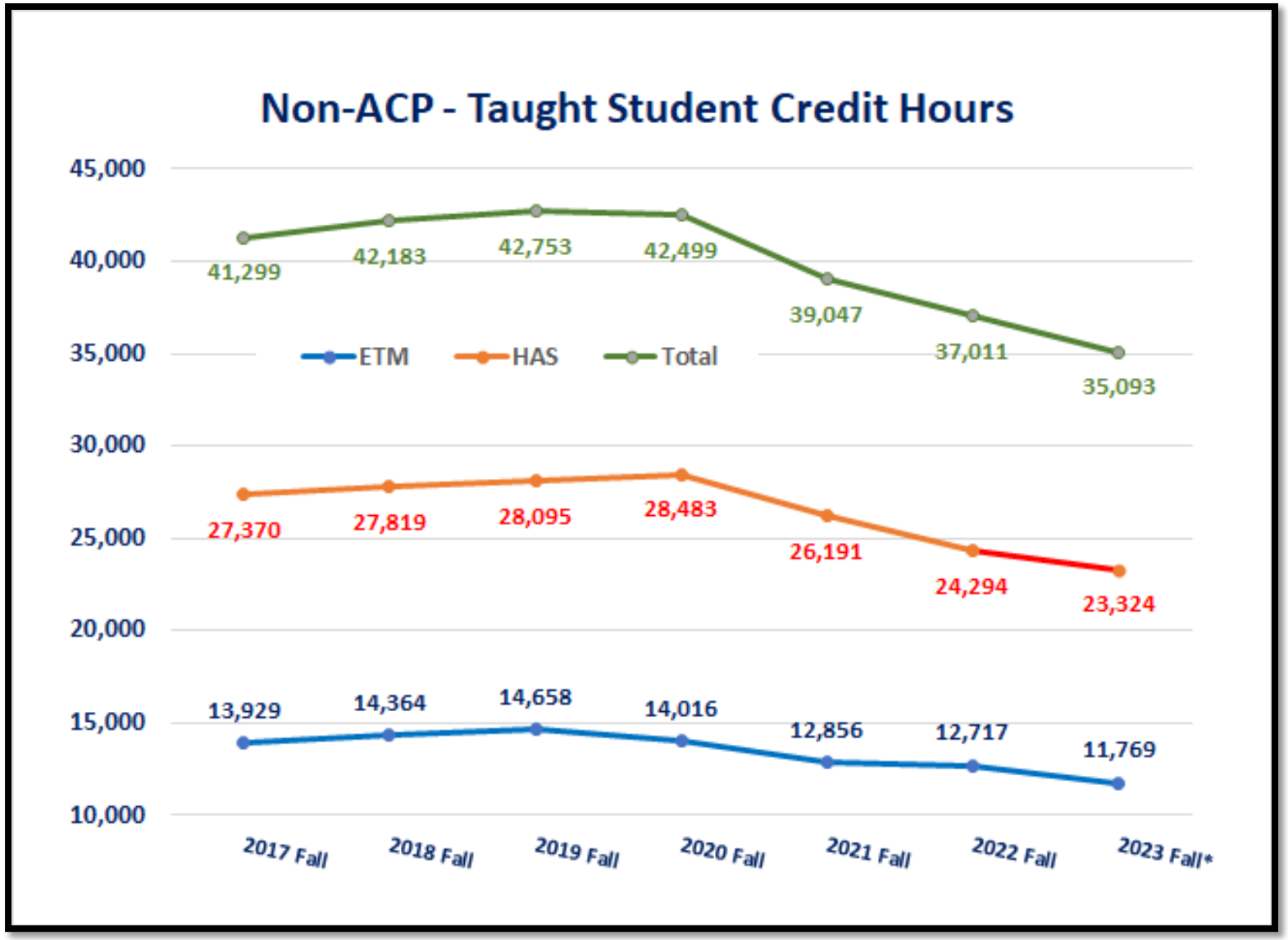
Oregon Tech Non-ACP Student Enrollment



University Non-ACP Enrollment By College



Translates to drop in Taught Credit Hours



Education & General Budget

	FY 2022-23 Budget	FY 2022-23 Actual	FY 2022-23 Variance	FY 2023-24 Budget
Revenue from State	32.4 M$	33.7 M$	1.4 M$	33.9 M$
Revenue from Tuition & Fees	39.8 M$	37.5 M$	$ (2.3M$)	39.5 M$
Remissions	$ (5.5M$)	$ (6.6M$)	$ (1.1M$)	$ (5.8M$)
Other Revenue	2.3 M$	3.5 M$	1.2 M$	2.4 M$
Total E&G Revenue	**69.0 M$**	**68.1 M$**	**$ (0.8M$)**	**70.0 M$**
Labor expenses	$ (54.1M$)	$ (49.8M$)	4.4 M$	$ (55.7M$)
Direct Expenses	$ (19.3M$)	$ (18.7M$)	0.5 M$	$ (18.1M$)
Total Expenses	**$ (73.4M$)**	**$ (68.5M$)**	**4.9 M$**	**$ (73.8M$)**
Reqd. transfers from other sources to cover expenses	**4.4 M$**	**0.4 M$**		**3.8 M$**

Increasing revenue: Grow enrollment & innovation and diversify revenue stream

Is College Worth It?

Inside Higher Ed

My account | My Dashboard | Find A Job

Majority of Americans Lack Confidence in Value of 4-Year Degree

All age groups are more likely to disagree than agree that getting a four-year degree is worth the cost, citing debt and doubts about skill development.

By Doug Lederman

When it comes to getting a four-year college degree, which of the following statements comes closer to your point of view? A four-year college education is...

	Worth the cost because people have a better chance to get a good job and earn more income over their lifetime	Not worth the cost because people often graduate without specific job skills and with a large amount of debt to pay off
2023	42%	56%
2017	49	47
2013	53	40

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Why this ad?

INSIDER

A majority of Americans now think getting a college degree isn't worth it, a new WSJ poll says

Grace Mayer Mar 31, 2023, 2:16 PM PDT

A WSJ poll found 56% of Americans say earning a four-year degree isn't worth the cost. Getty Images

- A WSJ survey found that 56% of Americans now say a four-year college degree isn't worth the cost.
- poll highlighted a growing skepticism about the value of d associated stude bt.

ong colle enrollmen

TIME SUBSCRIBE

IDEAS • EDUCATION

Too Many High School Seniors Are Turning Away from College Altogether

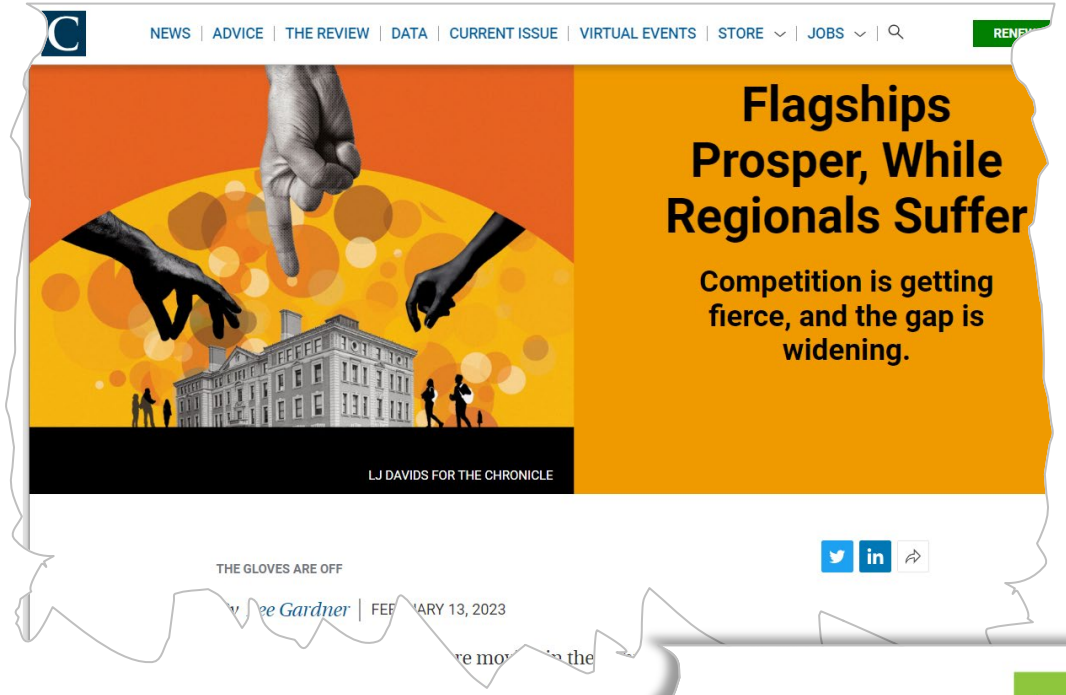
Students and visitors mingle in Harvard Yard before the gates are locked in Cambridge, MA on Sept. 6, 2020. Starting August 23 and running to September 9, at least temporarily, the gates to Harvard Yard will be locked and closed to visitors. Four gates - Johnston, Thayer, Widener and Sever - will remain open to ID holders, during the continuing coronavirus pandemic. Pat Greenhouse-The Boston Globe

IDEAS

BY MELISSA S. KEARNEY AND LUKE PARDUE MAY 4, 2023 5:14 PM EDT

Kearney is Director of the Aspen Economic Strategy Group and the Neil Moskowitz Professor of Economics at the University of Maryland; Luke Pardue is a Fellow at the Aspen Economic Strategy Group and an Economist at Gusto.

Competitive Higher Education Landscape



Application, Admit, & Enrolled Trends Pre- & Post-Covid*

Institution Name	Fall 2019 (Admitted/ Applied)	Fall 2021 (Admitted/ Applied)		Fall 2021 # Applied over Fall 2019	Fall 2021 # Admitted over Fall 2019	Fall 2021 # Enrolled over Fall 2019
Oregon State University	82%	89%		9,391	9,519	565
University of Oregon	82%	93%		4,349	7,227	64
Oregon Institute of Technology	97%	91%		3,387	2,991	27
Portland State University	96%	98%		(2)	178	67
Western Oregon University	85%	92%		(271)	(34)	(245)
Eastern Oregon University	98%	98%		(244)	(241)	(63)
Southern Oregon University	78%	90%		(601)	(250)	(128)

**Source:Integrated Postsecondary Education Data System (IPEDS) data*

Competitive Higher Education Landscape

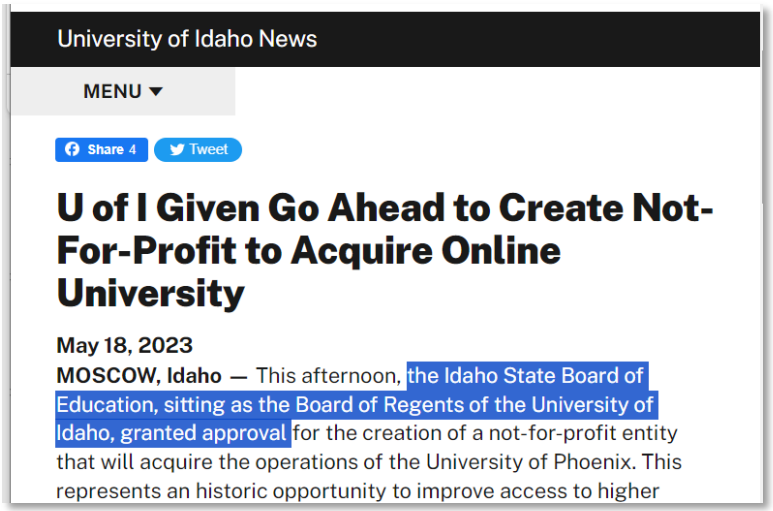
ONLINE EDUCATION SPACE

By Jeffrey R. Young Sep 6, 2022

Mohammad Shahhosseini / Unsplash

TWEET SHARE EMAIL

This article is part of the guide: The EdSurge Podcast.



University of Idaho News

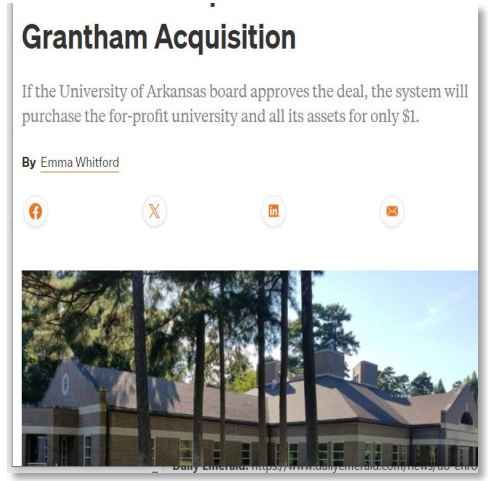
MENU

Share 4 Tweet

U of I Given Go Ahead to Create Not-For-Profit to Acquire Online University

May 18, 2023

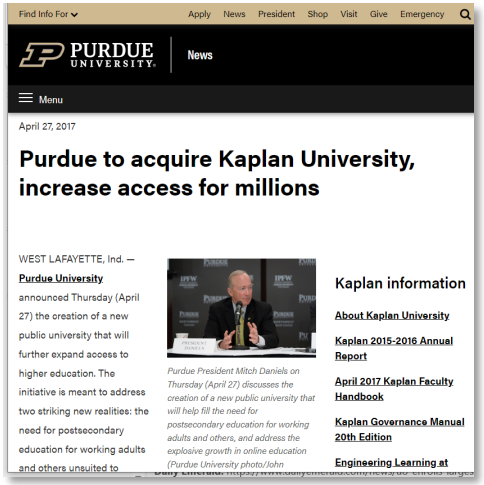
MOSCOW, Idaho — This afternoon, the Idaho State Board of Education, sitting as the Board of Regents of the University of Idaho, granted approval for the creation of a not-for-profit entity that will acquire the operations of the University of Phoenix. This represents an historic opportunity to improve access to higher



Grantham Acquisition

If the University of Arkansas board approves the deal, the system will purchase the for-profit university and all its assets for only $1.

By Emma Whitford



Find Info For Apply News President Shop Visit Give Emergency

PURDUE UNIVERSITY News

Menu

April 27, 2017

Purdue to acquire Kaplan University, increase access for millions

WEST LAFAYETTE, Ind. — Purdue University announced Thursday (April 27) the creation of a new public university that will further expand access to higher education. The initiative is meant to address two striking new realities: the need for postsecondary education for working adults and others unsuited to

Purdue President Mitch Daniels on Thursday (April 27) discusses the creation of a new public university that will help fill the need for postsecondary education for working adults and others, and address the explosive growth in online education (Purdue University photo/John

Kaplan information

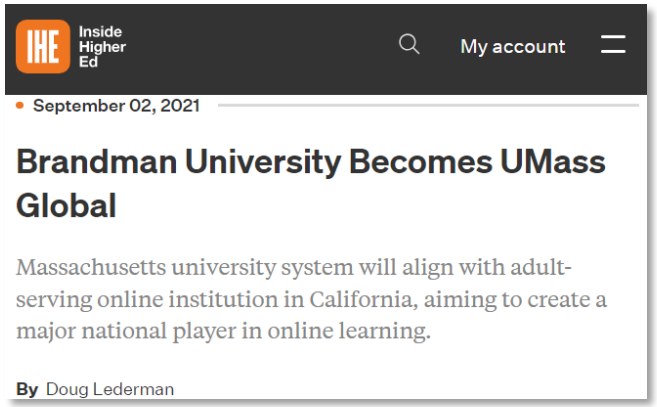
About Kaplan University

Kaplan 2015-2016 Annual Report

April 2017 Kaplan Faculty Handbook

Kaplan Governance Manual 20th Edition

Engineering Learning at



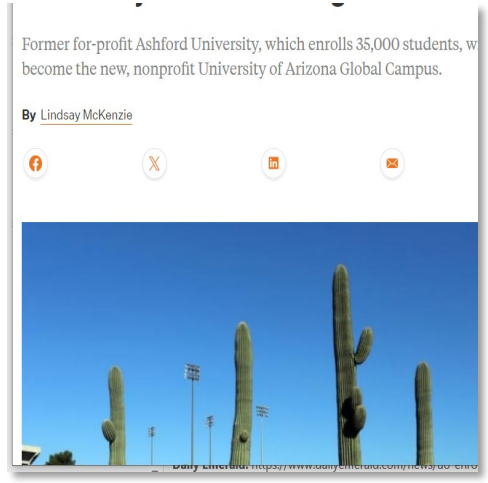
Inside Higher Ed My account

September 02, 2021

Brandman University Becomes UMass Global

Massachusetts university system will align with adult-serving online institution in California, aiming to create a major national player in online learning.

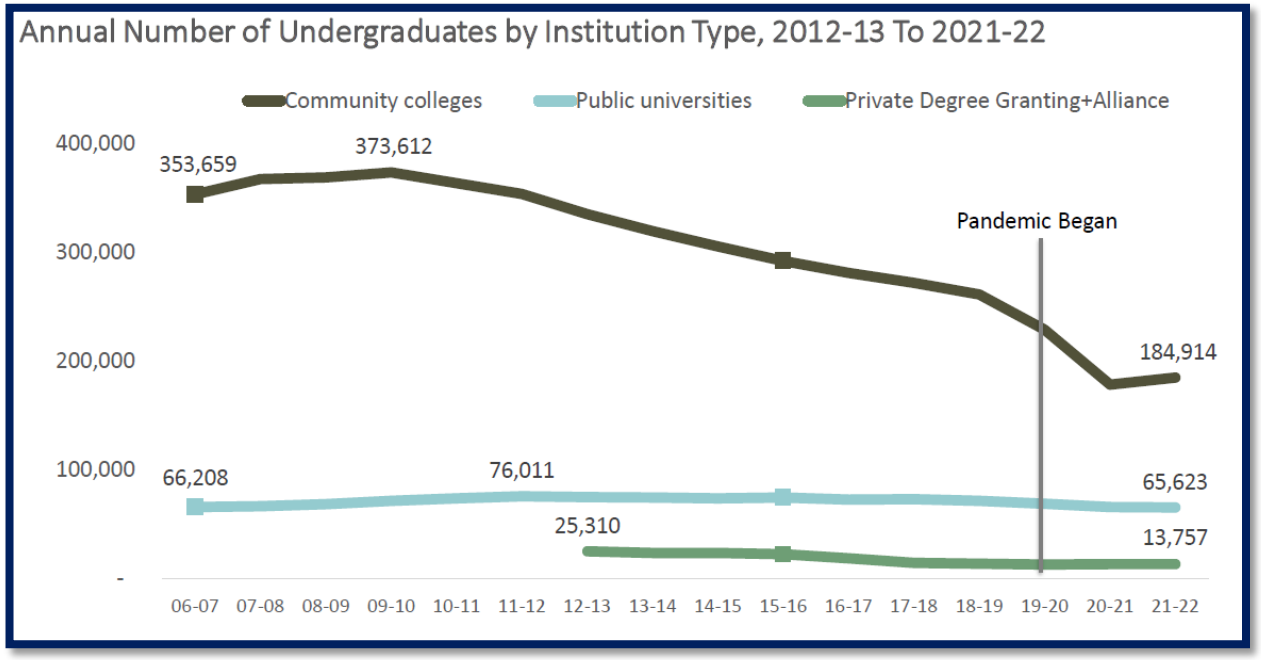
By Doug Lederman

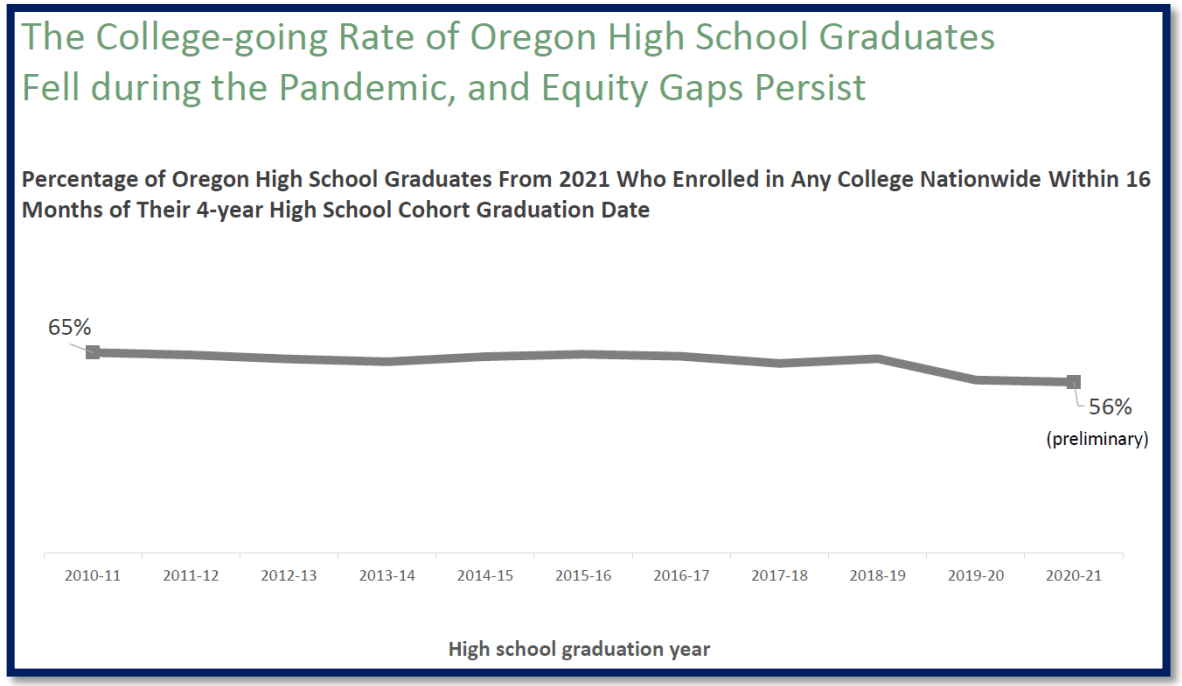


Former for-profit Ashford University, which enrolls 35,000 students, w become the new, nonprofit University of Arizona Global Campus.

By Lindsay McKenzie

Recruitment and retention more important than ever

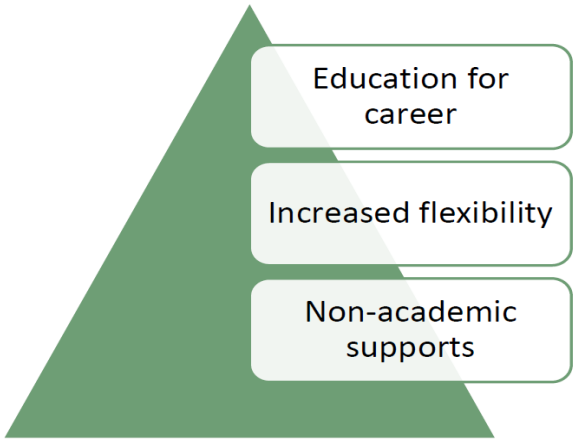




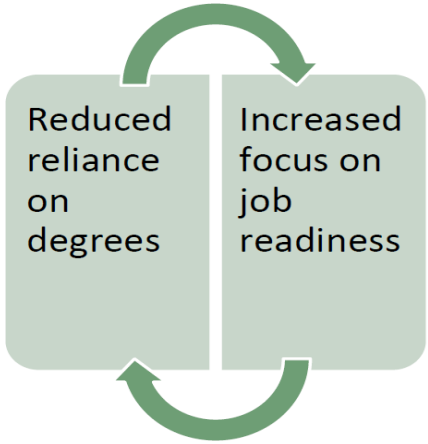
**Source: Mr. Ben Cannon's Presentation – July 24, 2023 – OT Board Meeting*

Changing student and industry needs

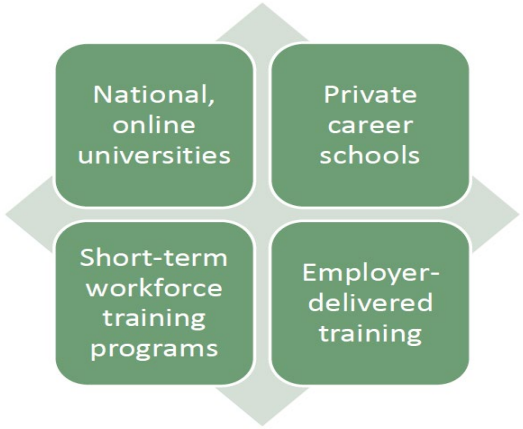
Changing Student Needs



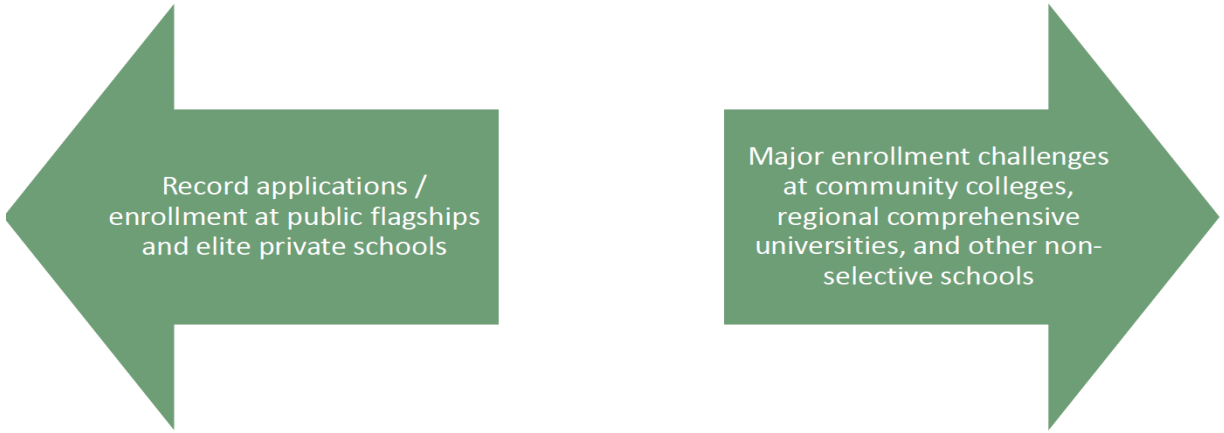
Changing Employer Demands



Incr. Market Competition



Market Bifurcation



**Source: Mr. Ben Cannon's Presentation – July 24, 2023 – OT Board Meeting*

AI Everywhere!

Keynote

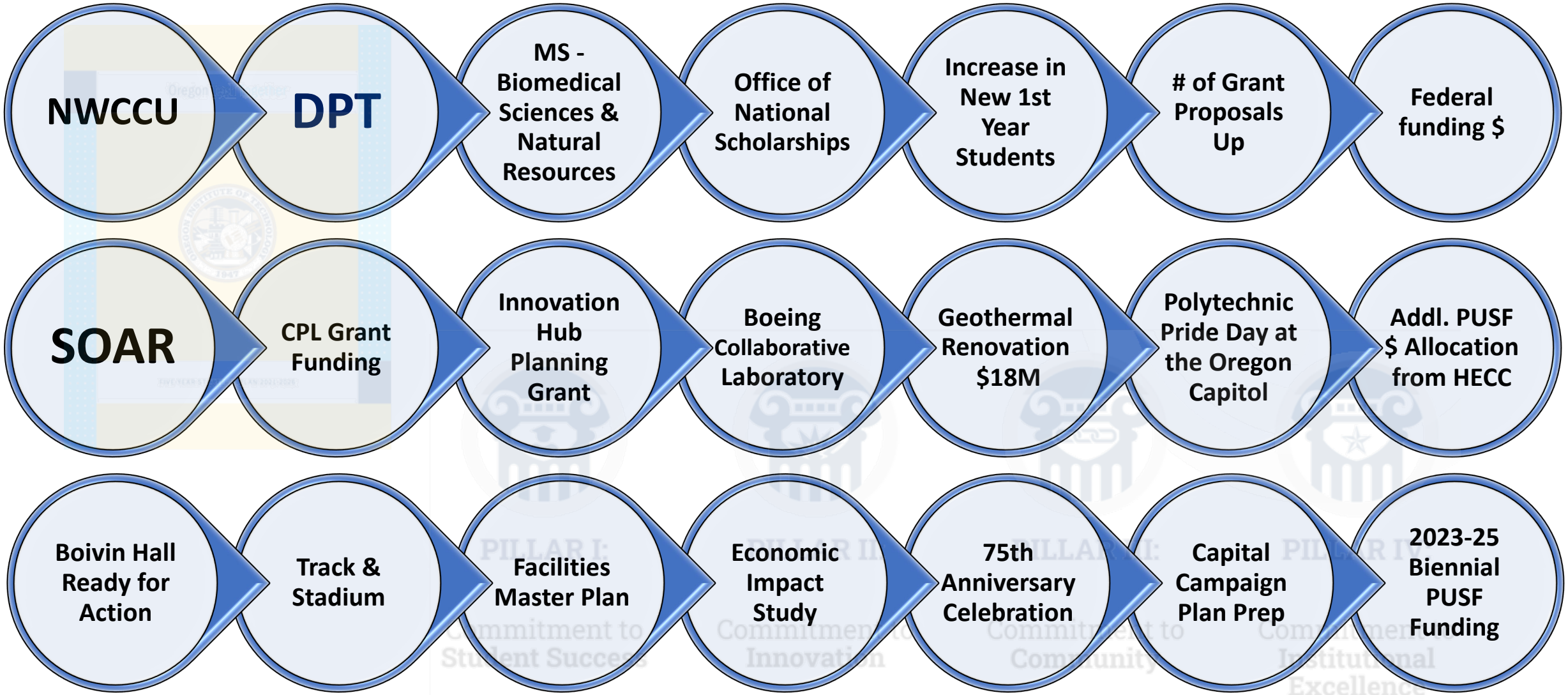
Mr. K S Venkatraman

Sr. Director, AI Computing at NVIDIA

Given the continuing pressures of the higher education landscape, how did we do last year?

AY2022-23 Collective Accomplishments

With sincere thanks to the contributions of many within and outside the university…



Accreditation Reaffirmed

NWCCU
NORTHWEST COMMISSION ON COLLEGES AND UNIVERSITIES

Oregon TECH
Oregon Institute of Technology

In June, the Northwest Commission on Colleges and Universities (NWCCU) released its decision on Oregon Tech's Year 7 Self-Evaluation Report and site visit.

Oregon Tech received a positive endorsement of our strategic initiatives and direction as a polytechnic university, and NWCCU has reaffirmed our institutional accreditation.

Doctor of Physical Therapy

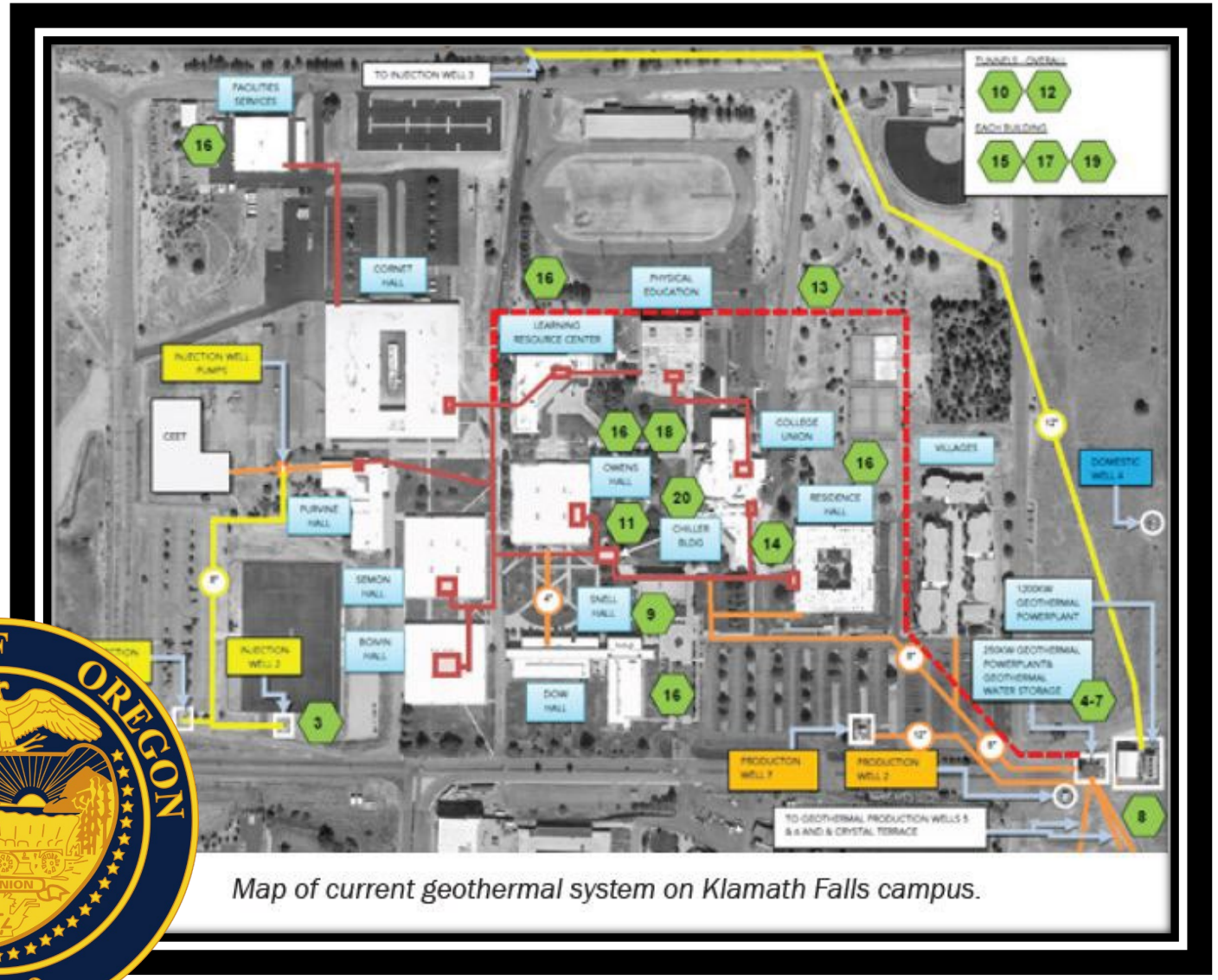
- The DPT program received “Candidacy Status” in April 2023.
- The first cohort was seated summer 2023.
- The self-study for full accreditation is due fall 2025.
- A site visit will occur in winter 2026.
- The final decision will be at the May CAPTE meeting 2026.
- The first class will graduate spring 2026.
- As of Sept. 6, 115 applications have been submitted for the incoming 2024 cohort.

Oregon TECH
Oregon Institute of Technology

OHSU

$18 million geothermal investment in Klamath Falls

- Oregon Tech has successfully secured $18,160,000 in state bond funding to complete a full renovation of the university's unique geothermal heating and hot water system at its Klamath Falls campus.
- This crucial funding will renovate the existing geothermal system that supplies the entire campus.



Map of current geothermal system on Klamath Falls campus.

Preparing for a Comprehensive Capital Campaign

- Tech Foundation created a five-year strategic plan
- One primary goal in the plan is to conduct a comprehensive capital campaign. What does that mean?
- A multi-year campaign to support programs, capital projects, research, scholarships, and other institutional priorities such as endowed faculty positions, centers, and so forth…
- Process: Foundation professional staff and volunteer leadership are meeting with campaign consultants to help conduct a feasibility study, develop a case for support, create a campaign timeline, and help identify an overall campaign goal.
- If you have questions about the campaign and/or would like to propose a funding need, please visit with Dr. Fincher.

Oregon Tech Government Relations

Government Relations coordinate's Oregon Tech's legislative and advocacy efforts at the federal, state, and local levels. We build and strengthen relationships with Oregon Tech's constituencies and encourage investment in and support for the university, its programs, and its initiatives.

Oregon Tech Advocates in the State House Chamber during Polytechnic Pride Day at the Capitol -- May 23, 2023

2023 Legislative Session Wins

- $18m: Capital Funding to renovate Geothermal System
- $1b: Public University Support Fund (for all universities)
- $308m: Oregon Opportunity Grant (student aid program)
- $24.9m: Sustainability funding (EOU, OT, PSU, SOU, WOU)

2024 Session Planning

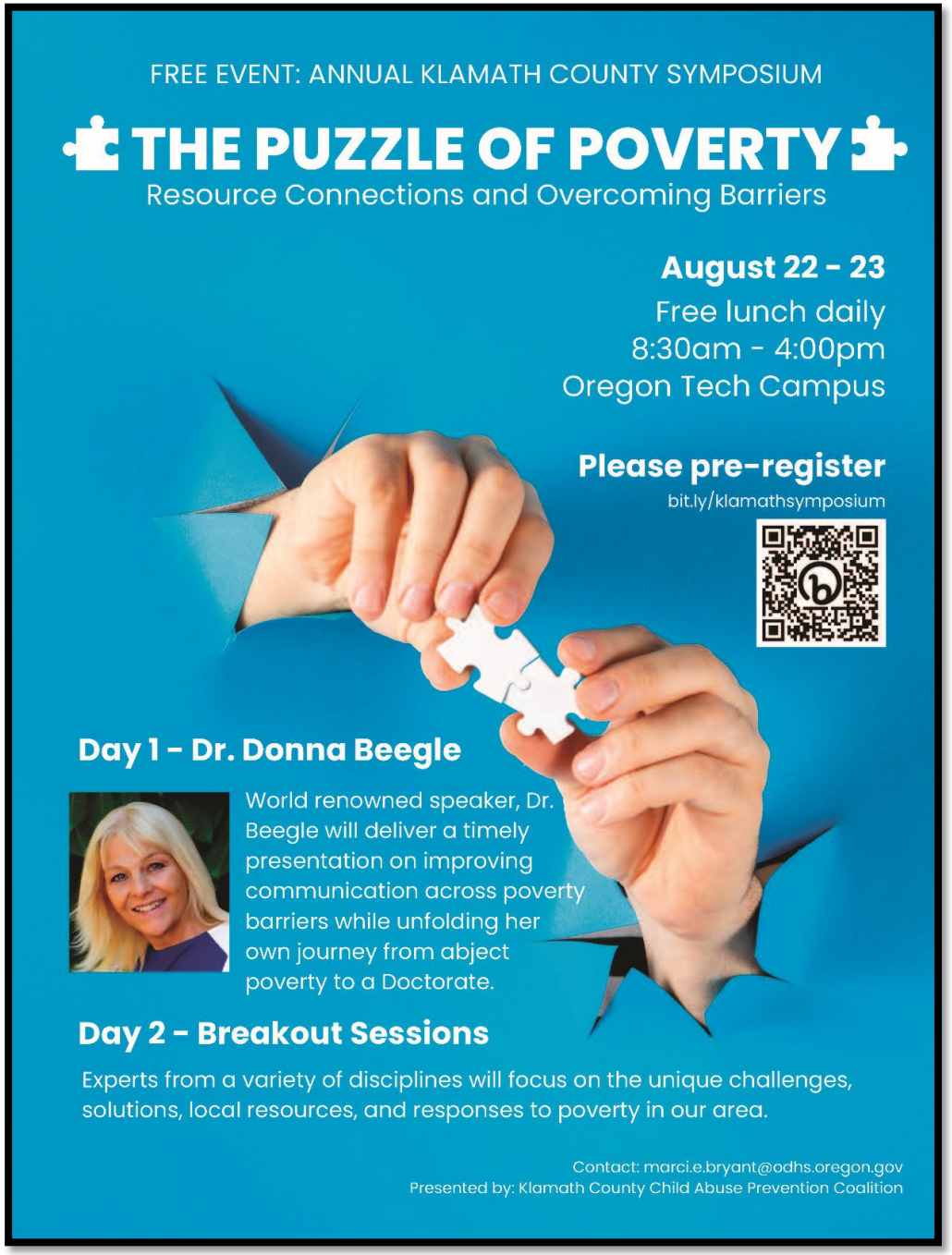
- Agenda: Student resources & faculty research

MFT Annual Symposium

A great example of Oregon Tech's Contribution to the Community aligned with the Commitment to Community pillar of our Strategic Plan.

Dr. Kevin Garrett
Associate Professor

Dr. Trevor Petersen
Professor



Baja SAE 2023 Final

- Students competed in the Baja SAE 2023 competition.
- Finished 10th out of more than 90 fellow contestants.
- Faculty Advisor: Prof. Cliff Stover

Student Affairs updates

Oregon TECH

Oregon Institute of Technology

Student Affairs

OUR MISSION:

The Student Affairs Division affirms the University's mission through opportunities for access, holistic development, and success.

Student Affairs departments collaborate with students, faculty, staff, and external communities to support students' persistence to graduation and professional success beyond graduation.

Oregon TECH

Oregon Institute of Technology

STUDENT AFFAIRS VALUES

Accessibility
Engagement
Diversity
Integrity
Excellence
Service
Adaptability
Compassion
Equity
Confidence
Inclusion
Respect
Accountability
Student Success
Community Engagement

Learn more at oit.edu/student-affairs

Oregon TECH

Oregon Institute of Technology

STUDENT AFFAIRS GOALS

1 STUDENT-CENTERED

PROVIDE AND PROMOTE

Provide and promote an exceptional experience for all students from their initial contact, through graduation, and then as alumni.

2 DIVERSITY, EQUITY, & INCLUSION

MODEL

Serve as a model of diversity, equity, inclusion, and collaboration in everything we do.

3 PROCESSES & SYSTEMS

PRIORITIZE

Prioritize effectiveness and efficiency.

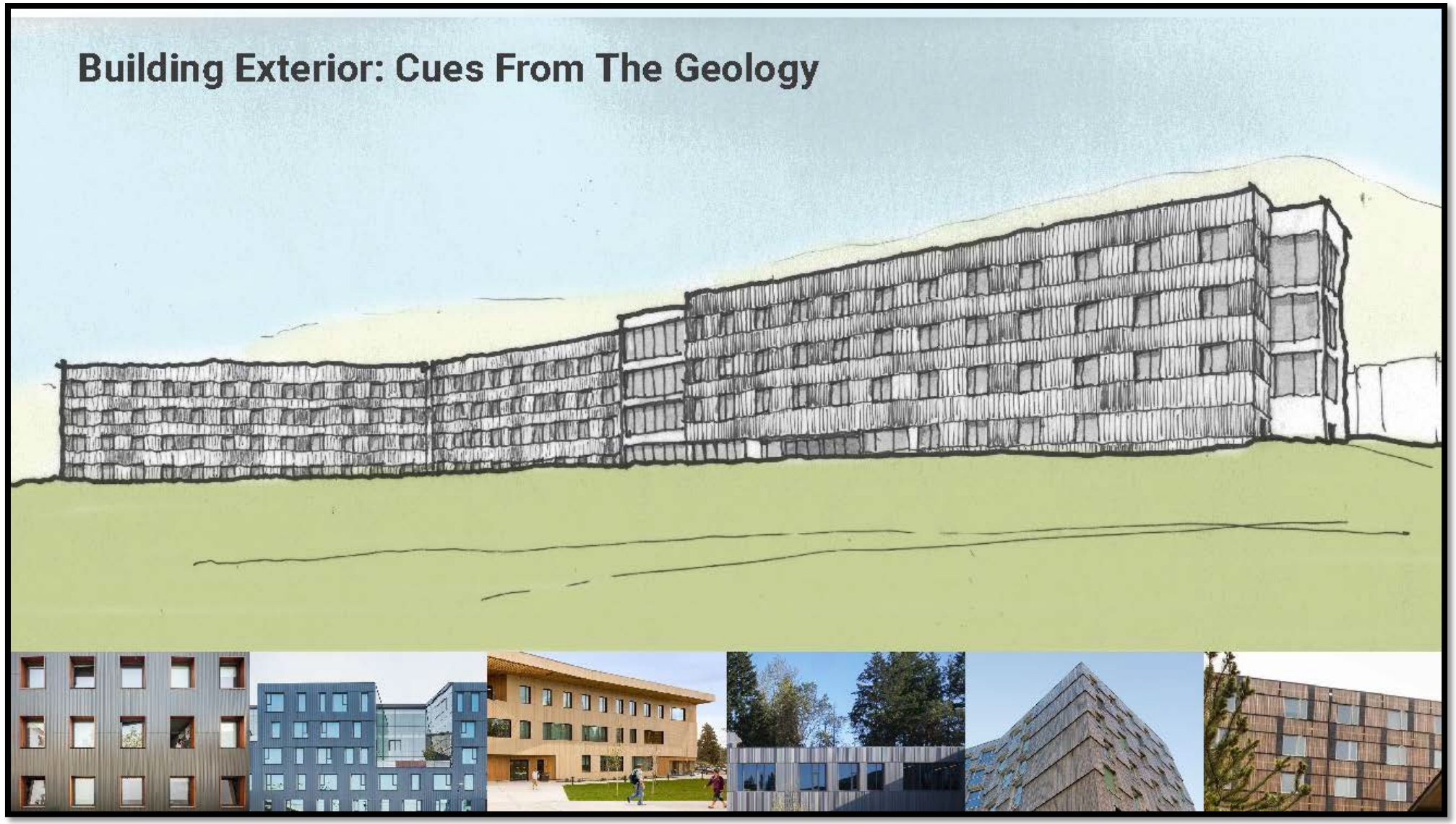
4 FACILITIES & EQUIPMENT

ASSESS AND ADVOCAT

Assess and advocate for adequate physical space, facilities, and equipment that ensure safe and productive environments that improve student success and performance.

Learn more at oit.edu/student-affairs

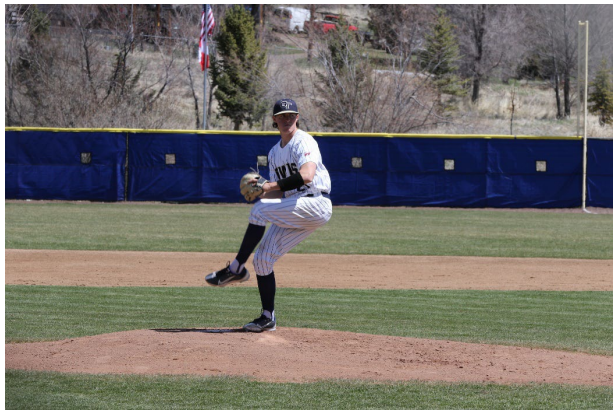
A new Residence Hall -- soon to be a reality



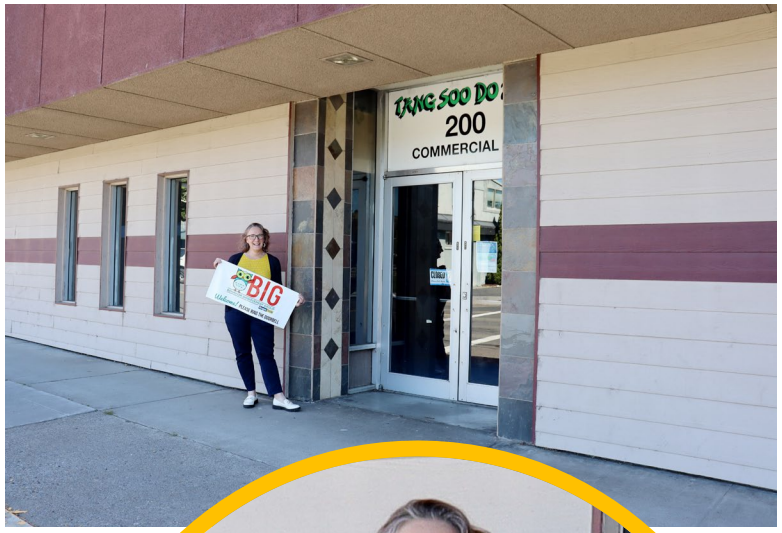
Athletics

Won the Cascade Collegiate Conference President's Cup for Academic Excellence for the third straight year leading the CCC with a 3.51 cumulative grade point average.

All 13 teams finished the 2022-23 academic year with a 3.0 or greater cumulative grade point average, all earning NAIA scholar team honors.



ABA Clinic update



- New location confirmed.
- The ABA Clinic has become a Fit Learning center.
- Now offering Fit Learning intervention to several children of Oregon Tech faculty and staff.
- Will provide Fit Learning reading intervention to Klamath Falls City Schools for the 23-24 year.
- Southern Oregon Education Service District grant
- Drs. Kessler & Garrett: OHA Grant to support graduate sudents.

AIRE Center

- The AIRE Center has been tackling a range of environmentally related research projects.
- The largest and longest running project is the Hospital Burden and Air Quality project (HBAQ).
- Also developed a GIS mapping-based analysis that can be used by community organizations to identify the greatest threats of hospitalization during wildfire smoke events.
- Also developed a robust air quality monitoring system that includes filter-based systems to capture not just how many particles are in the air we breath, but what is actually in the smoke.

Innovation Hub status

- Oregon Institute of Technology received $140,000 from Business Oregon/Oregon Innovation Council (Oregon InC) to propose a regional innovation hub in South Central Oregon.
- The hub will provide local entrepreneurs access to technical assistance, capital, networking, mentorship, and talent development in the region.
- Regional Innovation Hubs are a new Oregon InC initiative to advance innovation in Oregon.
- Oregon Tech will serve as the lead for the South-Central Oregon Regional Innovation (SCORI) hub and partner with:
  - Klamath Community College
  - Klamath County Economic Development Association
  - KCC Small Business Development Center
  - Klamath IDEA
  - Lake County Chamber of Commerce
  - The City of Klamath Falls and Klamath County commissioners will serve as collaborative partners.

Oregon Manufaturing Innovation Center (OMIC R&D) Awarded Center of Innovation Excellence (CIE) Designation

- OMIC R&D - a public/private partnership of 40+ industry members.
- CIEs are a key strategy of the State's 10-Year Innovation Plan.
- CIEs are intended to focus on supporting innovation within an emerging or established sector of importance to the state's economy.
- Expected to leverage increasing amounts of non-state funding over time, via strong public-private partnerships.

Craig Campbell, J.D.
Executive Director

Continuing Initiatives & Projects

Academic Master Plan	DEI initiatives
Facilities Master Plan	Rural Health initiatives
Capital Campaign	Applied Computing
Federal & State Funding	Innovation Hub

Institutional Goals for 2023-24

1. As part of the Academic Master Plan implementation, launch a 5-Yr academic program review cycle for all academic majors.
2. Initiate a revision of Gen Ed curriculum aligned with state-level initiatives.
3. Achieve at least a 1% growth in new students in Fall 2024.
4. Achieve at least a 2% increase in retention of new undergraduate students.
5. In partnership with OTF, increase annual $ raised by 5% from $2.5M to $2.625M.
6. Develop and implement a Center for Wellbeing at Oregon Tech.
7. Launch at least 4 online certificates, with focus on military-affiliated and international students, with a goal to enroll 30+ students in 2024-25.
8. Pilot the feasibility of an immersive polytechnic education center model.

Oregon TECH
Center for Wellbeing

Comprehensive Approach to Mental Health & Wellbeing

- Both national and Oregon Tech-specific data show deteriorating mental health and wellbeing among students and employees in the wake of the pandemic.
- Best practice is to create a comprehensive plan to spearhead university wellbeing across all aspects of university functioning.
- Oregon Tech Strategic Plan addresses campus-wide wellbeing directly:
  - Pillar III, Goal 6, Objective 6.2: "Support the wellbeing and development of all members of the university community."
- The new Oregon Tech Center for Wellbeing, headed by Gaylyn Maurer, will meet this need by providing support to both employees and students.
- Join us for her presentation today during lunch to hear more details about the program, how it may benefit you, and how you can be involved.

Online Learning and Global Engagement: Online focus areas

- Continue to improve and expand our online course and program offerings
- Increase faculty support for online course design and development
- Work toward more standardized online course navigation for students
- Develop a new extended education platform to promote new and existing online courses and programs to new and underserved student communities seeking:
    - Certificates
    - Stackable credentials
    - Micro-credentialing
    - Competency badges
    - Just in Time learning (JiT) options

Online Learning and Global Engagement: International focus areas

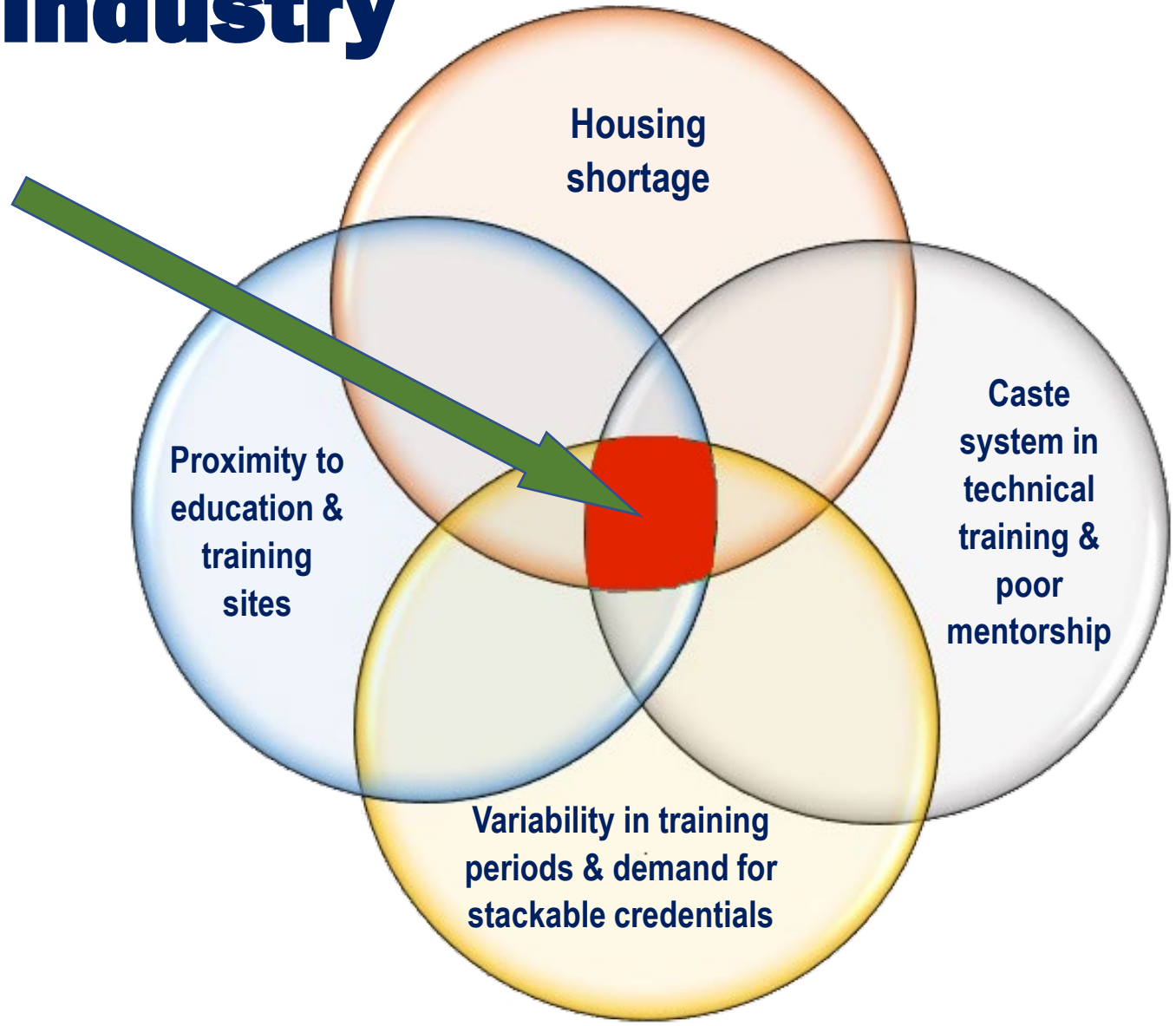
- International student and faculty mobility opportunities such as:
  - Study abroad
  - International summer programs
  - International student internships and work placements
  - International student and faculty exchange opportunities
  - International research opportunities for students, faculty and staff

- Beginning to consider and discuss international partnership opportunities with peer universities
- Working to develop comprehensive support and university wide engagement opportunities for new and current international students
- Building intercultural learning elements and global competencies across the curriculum

A New Workforce Development Model for the post-pandemic industry

A solution directed at the nexus of the barriers

Immersive Polytechnic Education & Workforce Development Center



Solar Eclipse, October 14

- Dr. Nate Bickford will present at the Eclipse into Nature event at the Running Y.
- The Klamath area is one of the nation's best viewing points for the eclipse.
- Based upon the numbers seen during the Great Eclipse of 2017, the Klamath area could see up to 60,000 visitors for this eclipse.

Hootie

Committee members:

- Brook Eldridge
- Joel McPherson
- John Van Dyke
- Josie Hudspeth
- Julie Desmond
- Lacey Jarrell
- Monica Ourada
- Mira Wonderwheel
- Thomas Arce

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Hootie New Look Reveal

https://www.youtube.com/shorts/u_OSJ-3dndQ

Thank You

Wishing you a great rest of the convocation!

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