

Oregon **TECH**

Provost Update

Joanna Mott

Board of Trustees
November 21, 2019



Organizational Changes

- Online education moved to AA October 1
 - Integrates online and face to face offerings within departmentsat
- All of Strategic Enrollment Management to move temporarily to AA effective Dec 1, with advising and retention moving permanently to AA (formerly AVP Veth oversight).
 - Integrates advising and retention with faculty



Review of Processes

- Formal negotiations with faculty union ‘status quo’
- Cancellation of classes with low enrollment prior to start of classes, advising of students to other classes
- Discussion of lecture sizes, scheduling
- Review of stipends and release model with chairs
- Budget build from departments (with faculty engagement) up through Deans to Provost



Key Positions

- Financial analyst for Academic Affairs
 - candidates under review
 - plan to be in place for budget build
- AVP for Academic Excellence
 - position posted
 - serve as ALO for NWCCU relieving Vice Provost Abdy Afjeh, oversee university and program accreditations, program review, assessment
 - work with CCT on teaching quality including online
 - direct report for Honors program



- HAS Dean
 - secured search firm, profile draft developed, visit by search firm
 - posting prior to Thanksgiving
- DPT Director
 - NWCCU Senior Vice President approval to proceed with search while accreditation under review
 - ready to post
 - ** (NWCCU Accreditation application ready for submission, panel review anticipated to be completed for their March meeting)



Faculty Hiring

- Prior approval for MMET external chair and three ETM positions
- New faculty position review process
 - chairs submitted 10 requests
 - reviewed by Deans, prioritized for their college
 - faculty committee – 2 chairs, 3 faculty charged to prioritize and provide recommendations
 - Provost reviewed both and worked with Dr. Nagi and budget office – 9 positions approved, 1 deferred – all replacements



Faculty hires started fall 2019

Department	Title	College	Tenure Desc	ETHN IPEDS DESC	GENDER
Dental Hygiene	Clinical Instr/Coordinator	HAS		Hispanic or Latino	Male
Communication	Instructor	HAS	Fixed Term	White	Male
Management	Assistant Professor	ETM	Annual Tenure	White	Female
Computer Systems Engineering Tech	Assistant Professor	ETM	Annual Tenure	White	Female
Civil Engineering	Assistant Professor	ETM	Annual Tenure	White	Female
Computer Systems Engineering Tech	Instructor	ETM	Fixed Term	White	Female
Dental Hygiene	Associate Professor	HAS	Annual Tenure	White	Male
Humanities and Social Sciences	Assistant Professor	HAS		White	Female



Hiring diversity update

- Handout
- Hispanic or Latino (any race) census data
 - Klamath Falls 2010 11.8% (2000 9.3%)
 - Portland 2010 9.4% (2000 6.8%)



Program Development

- Recent approvals:
 - B.S. Data Science, to start fall 2020
 - B.S. Cybersecurity, started fall 2019
- DPT ready to submit to NWCCU review



Proposed new programs

- BAS online (Air University, degree completion)
- B.S. Communication and Leadership (partnership with KCC and Kingsley)
- B.S. Applied Physics to train students for industry
- B.S. Health Care Management at PM (new location)
- BHS-MLS concurrent degree program at PM (new location)
- Masters program: either reactivate MSMET or ME option for MSE program.



Student and Faculty Innovation Fund

- Foundation funds
- Supports revised mission statement – applied research
- Criteria: involve students, interdisciplinary, innovative, addressing complex problems
- Panel review – faculty, Deans
- 9 proposals
- 1 funded: "Assistive Hand Device in Biomedical Engineering"
- 2 under further consideration
 - respiratory hospitalizations and air quality (RC, PHM, NSC)
 - wave energy conversion system development
- Next round ? spring



Sabbaticals 2019-20



2019-20			
Faculty Member	Approved?/ How many terms?	Time Period	Abbreviated Purpose
Matthew Schnackenberg	Yes/1	Spring term, 2020	Research, write and produce a video re-enactment of excerpts of Aristotle's Rhetoric, with "dramatic footnotes," roughly 30 minutes play time. Grant funding will be pursued to complete the project.
Shi, Feng	Yes/3	9/19-6/20	Write textbook to improve teaching of REE407-Solar Power I, II, III cross listed as REE525 Solid State Physics of Photovoltaic Materials, REE 545 Applied Photovoltaics, and REE565 Semiconductor Processes. Conduct research with collaborating universities on CO2 reduction, energy storage, solar buildings, and electric vehicles; establish connections and build networks to recruit international students.
Jiru, Teshome E.	Yes/2	9/1/19-4/30/20	Collaborate with JuleSmart to develop, deploy and evaluate demand reduction protocols for Heating, Ventilation and Air Conditioning Systems with Energy Trust of Oregon to develop proposal to investigate the performance of Ground Source Heat Pump in Oregon under different building configurations.
Scevers, Troy	Yes/3	Fall, 19-Spring, 20	Strengthen the relationship between Oregon Tech and Rogue Community College by working for a one-year appointment at Rogue Community College. This would require teaching for them for the academic year and working toward getting our transfer agreement down to a two + two.
Nathenson, Sophie	Yes/2	Fall, 2019-Spring, 2020	Produce deliverables related to research conducted at the Population Health Management Research Center and associated pedagogical advances in the field of applied sociology.

HAS Faculty – national/state recognitions

- National:

- Leah Jolly – National board - Chair of the Vascular Technology exam for the American Registry for Diagnostic Medical Sonography (ARDMS). Will become Vice-Chair of the ARDMS Council
- Monica Breedlove – ARRT MRI test writer
- Dawn Bailey—Board of Directors of the APBA (Association of Professional Behavior Analysts)
- Travis Lund—American Chemical Society Younger Chemistry Education Scholars Cmtte
- Tom Taylor—Human Anatomy & Physiology Society - on their national cadaver use committee.

- Oregon:

- Vanessa Bennett – OR Board of Medical Imaging
- Robyn Cole – OR Board of Medical Imaging American Registry for Diagnostic Medical Sonography Exam review board.
- Don McDonnell - OSRT President, 2019 ASRT Affiliate Delegate Association of Collegiate Educators in Radiologic Technology (ACERT) By-Laws Chair
- Sarah Fitzpatrick—Oregon State Licensure Board Respiratory Care
- Michael Gilinsky—Oregon Society of Respiratory Care for education
- Jeff Pardy—OR Society of Respiratory Care representing Southern Oregon Hospital and Blue Zone Board in KF
- Rachelle Barrett—President for American Society for Clinical Laboratory Science- Oregon chapter.
- Seth Anthony—Oregon Transfer and Articulation Council (OTAC)



ETM Faculty - accomplishments

- The undergraduate engineering programs at Oregon Tech rose in the US News and World Report Rankings to the #32 Best Undergraduate Engineering Programs in the nation.
- Kevin Pintong, CSET Faculty – developed and Implemented Project OWL - a hands-on training kit to encourage K6-12 students to pursue STEM majors and careers in engineering,
- Mason Terry, EERE Faculty, Director of the Oregon Renewable Energy Center (OREC) - worked with the Klamath Tribe to develop and implement a floating solar power aeration system to help boost populations of endangered sucker fish on Upper Klamath Lake
- Charles Riley, CE Faculty - received a \$119,889 award from The National Science Foundation. "Collaborative Research: Bridging the Writing Transfer Gap in Early Engineering Laboratory Courses"
- Randy Shih, MMET Faculty - Authored 4 textbooks on parametric modelling and AutoCAD tutorials
- Todd Breedlove and Troy Severs, CSET Faculty - Authored Textbook C++



Student experiences

- NSC - holding a weekend class for all environmental students for mentorship and team building at the Lava Beds.
- Jamie Kennel – received a grant award for 6 under-represented students enrolled in the Paramedic and EMS Program. The program has had a 16% increase in enrollment.
- Dental hygiene students - international trip to Jamaica where they helped local residents with dental needs. Working on local community projects with elementary schools doing screenings and sealants. Looking into doing free dental days for Veterans and the homeless.
- MIT - doing a simulation day with OHSU nursing students and Respiratory Care students.
- MLS students in week 4-5 of clinical externship and 3 have already received job offers.
- Rowan Parker (CSET Junior) received \$24,000 to develop her payload for a CubeSat launch. She is developing a device to detect the presence of small (less than 8mm) ‘space junk’ which currently exists in orbit. Additionally, she has secured space on the Portland State University CubeSat that will be launched in late 2020. Rowan currently serves as the president of the Oregon Tech Rocketry Club and is also using this project with a team of interdisciplinary students to compete in Catalyze Klamath this year.



- Questions?



Oregon TECH

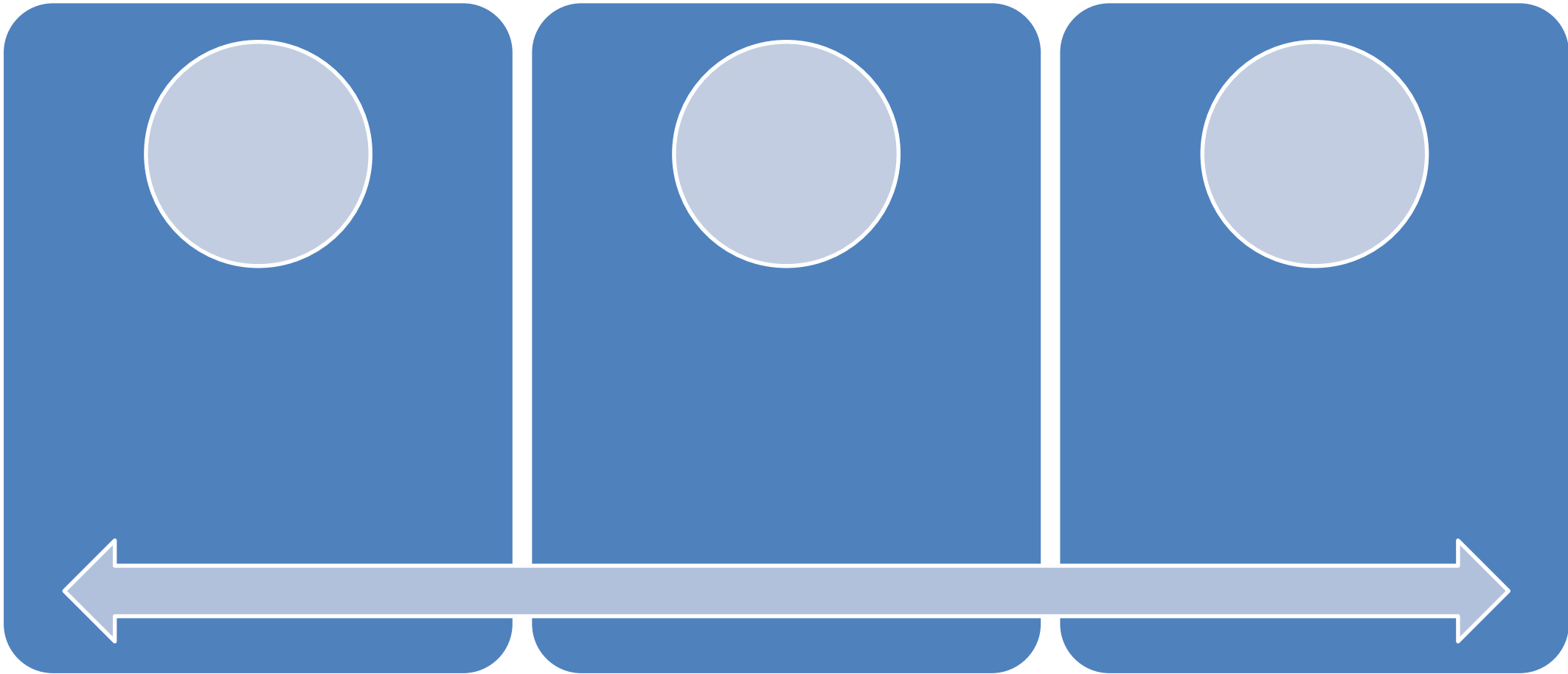
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