



# Promotion and Tenure, Innovation, and Entrepreneurship (PTIE)

September 22, 2020 8-9 PM EDT

---



**Moderator**  
Joan Lorden  
UNC Charlotte



**Karl Mundorff**  
Oregon State University



**Rich Carter**  
Oregon State University



# Promotion and Tenure Innovation & Entrepreneurship (PTIE) Coalition: Introduction

PTIE Contact email: [ptie.info@oregonstate.edu](mailto:ptie.info@oregonstate.edu)

Supported by National Science Foundation (Grant # [CNS-1936073](#))  
Additional Support from VentureWell & Lemelson Foundation

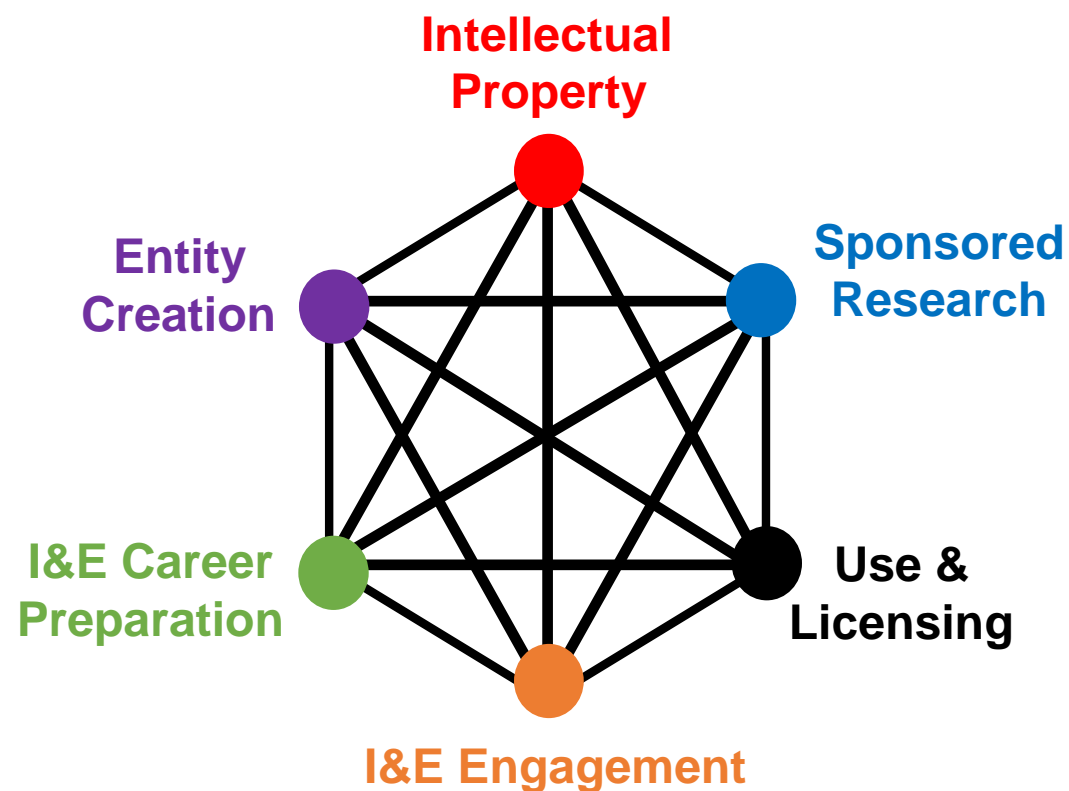
Organizing Committee: Rich Carter (PI), Karl Mundorff, Julie Risien, Jana Bouwma-Gearhart, Irem Tumer, Tuba Özkan-Haller, Brian Wall

**PTIE Website:** [www.ptie.org](http://www.ptie.org)

# PTIE Guidance on I&E within P&T

- Coalition consists of 65+ institutions and 10+ national stakeholders
- Deep commitment to diversity, equity and inclusion permeates throughout the effort
- 6-month process using a networked systems approach to change culminating in a 3-day virtual summit last week
- Unanimously adopted recommendations from 2020 Summit
- Recommendations available on our website (visit: [ptie.org/content/](http://ptie.org/content/))
- Includes university-level language, specific language for criterion, metrics and extensive recommendations on process changes

# Evaluation of I&E with P&T Categories



*Collection of metrics should be used as indicator data for narrative thesis of impact*

# IP, Sponsored Research and Use & Licensing Metrics

- **Intellectual Property:** patent applications, patents awarded, copyrights (including software), trademarks, tangible property (e.g. cell lines), trade secrets & know how, germplasm protection, invention disclosures, novel data products, novel processes & procedures, installation of creative works, commissioned works.
- **Sponsored Research:** industry sponsored activities (contracting and material transfer agreements, research, services and testing), non-profit and foundation support, government commercialization programs (e.g. STTR and SBIR grants, NSF PFI, state and/or local funding opportunities).
- **Use & Licensing:** licensed intellectual property and technologies (e.g. database access, cultivar and software releases, novel animal models for industrial use), royalty generated, usage of product/service/methods, discipline and/or unit-specific evidence of societal impact.

# Entity Creation, I&E Career Prep and I&E Engagement Metrics

- **Entity Creation:** startup/spinout organizations (including for-profit, non-profits and foundations to allow for broad recognition of societal impact) founded on specific university intellectual property including funds raised/follow-on funding (e.g. private and public commercialization funds beyond SBIR/STTR, private equity investment), revenue/funds generated, people impacted & people employed.
- **I&E Career Preparation:** students & researchers trained/mentored as part of the work/curriculum, student-led innovations and startups under faculty mentorship, incorporation of I&E skills into classroom, curricular development/enhancements based on I&E work.
- **I&E Engagement:** engaging with industry, government, non-profit, foundation, community and/or other entities/individuals *that can be linked to the university mission*, serving in leadership role for university I&E priorities (e.g. Industry-Sponsored Institute, Industry Affiliate Program, IUCRCs, programs that foster entrepreneurialism for students).