

Breakout Session

University Personnel on Industry Campuses

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Agenda

- Introductions
- Review of modalities (Todd)
- University & Industry Perspectives (Taylor & Mary Clare)
- Discussion of Faculty Engagements (panel, audience)
- Discussion of Student Engagements (panel, audience)
- Development of Risk/Benefit Table (audience)
- Key takeaways

Modalities: Faculty @ Industry Site

- A day visit to company site
- Faculty consulting
 - (part of their 20%, contractor)
- Faculty sabbatical or visiting scholar at company (up to a year)
- Joint Employee
- University Postdoc
 - part of a program associated with a university
- Industry Postdoc
 - recruited by and employed by the company

Modalities: Students @ Industry Site

- Undergraduate using company resources for undergraduate research or capstone project
 - student is a student at company site, limited duration
- Undergraduate internship
 - usually summer, student is an employee of the company
- Master's or PhD student doing thesis work at company site (non-recurring)
- PhD internship
 - research at company site, <4mo, not recurring, results not usually included in thesis
- Joint PhD Thesis
 - research at company site, recurring or ongoing basis, results included in thesis)

Industry Viewpoint

25% of projects driven externally and 25% of internal projects are from acquired companies.



Why Partner with Academics?

- Maintain competitive edge
- Anticipate game changing innovations
- Foster entrepreneurial spirit of R&D
- Be viewed as scientific leaders
- Drive innovation toward clinical value

Why bring Academics on site?

- Accelerate research and adoption
- Increase accessibility to R&D expertise & state-of-the art facilities, platforms & data
- Internalize new tools and insights
- Strengthen relationship

Academic Viewpoint



Student Benefits

- Career experience
- Exposure to real-world problems
- Mentoring
- Compensation

Faculty Benefits

- Access to resources
- Exposure to real-world problems
- Meet new industry collaborators
- Compensation

Audience Exercise

Risks & Benefits 2x2

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Benefits

Risks

S – students
F = faculty

Industry

- Access to experts (F)
- Recruiting (S)
- Public relations (S,F)
- Company employee development
- Competitive advantage

- Leakage of IP, confidential info
- IP disputes
- Data security
- Laboratory safety

University

- Exposure to real-world problems (S, F)
- Valuable career experience (S)
- Compensation (S,F)
- Meet new industry collaborators (S,F)
- Faculty retention
- Recruiting grad students

- Leakage of IP, confidential info
- IP disputes
- IP contamination
- Less faculty time for academic duties
- Compensation discrepancies (S)
- Less time with campus cohort (S)

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**FROM BREAKOUT
SESSION @ UCI**

Benefits

Risks

S – students
F = faculty

Industry

- New collaboration opportunities
- Accelerate research translation
- Workforce dev. & recruiting
- Broaden your horizon of what's possible
- Parameters & constraints of tech

- IP contamination
- Viewpoint diversity
- Confidentiality
- Training & safety
- Transparency/incentives to publish
- Employment terms

University

- New opportunities for collaboration
- Faster transition to application
- Career connections for students
- Access to resources
- Insights into industry constraints
- Faculty retention
- Experience with pace, record keeping & collaboration culture of industry
- Discuss issues from industry viewpoint

- IP contamination
- Publication restrictions
- Tension of commercialization mindset of industry
- Teaching & committee holes



Strengthening
University-Industry
Partnerships