



University Industry  
Demonstration Partnership

**Careers in Industry Project. Notes from Nov 18 Conference call**

**Purpose:** Review scope and team members. Agree survey content.

**Participants:** Cary Gooding, Lisa Rooney, Brad DeBlauw, Robin Habeger, Ryan Anderson, Allen Morris, Erik Sander, Wally Schaffer, Eric Grulke, Kristina Thorsell, Andrew Cockerill.

**Apologies:** Jay Jennings, LaTonia Stiner-Jones

**1. Team Members and Opening remarks**

Jay Jennings	Dir. US Corporate Affairs	Sanofi	Industry Lead
Mike Phillips	Property	SRC	
Cary Gooding	Academic Engagement Manager	Cisco	
Lisa Rooney	Partner	Vortechs Group	
JoAnn Winson	Dir, Global University Programs	IBM	
Stewart Tansley	Academic Relations	Facebook	
Brad Fenwick	Snr. VP Elsevier	Elsevier	
Brad DeBlauw	Future Technical Leader	Northrop	
Robin Habeger	Academic Outreach Manager	Dupont	
Geanie Umberger	Assoc. Dean of Engagement. Clinical Professor.	Purdue Univers	University co-lead
Ryan Anderson	Dir. Of Industry Relations	U. Nebraska Lin	University co-lead
Allen Morris	Dir. Office of Technology Transfer	U of Louisville	
Erik Sander	Dir. Engineering Innovation Institute	U. of Florida	
LaTonia Stiner-Jones	Assist. Dean of Grad Programs. Assist. Prof. Biomedical Eng.	Ohio State	
Aaron Funk	Contracts Negotiator	U. Nebraska Lincoln	
Walter Schaffer	Snr. Scientific Advisor	NIH	
Andrew Cockerill	Consultant	Consultant	Project support
Eric Grulke	Prof, Chemical and Materials Engineering	U. of Kentucky	

Ryan Anderson, Co University lead, described the value of this work and the opportunity to include a student panel at UIDP 22 in Nebraska.

Brad DeBlauw discussed some of the issues he encountered as a PhD student. Many companies' campus recruitment programs are focused on BS and MS students and are often unable to handle inquiries from PhD students... PhD hiring is often done by separate departments.

## **2. Project Scope and Deliverables**

Comments on the draft project scope included:-

- Need to understand the skills that industry is seeking. Specifically what non-technical skills are lacking? Erik related a recent discussion that identified Safety awareness and training as a skill that is often lacking.
- Students need to be informed about working in different sectors
- Taking care not to expand scope it would be helpful to understand and communicate industry onboarding and mentoring practices and how these vary by sector. Also how undergraduates who are selecting a PhD program take account of future industry careers.
- Recognize that student understanding of industry will vary across departments.
- Question: Will this project suggest or provide specific foundation curriculum for grad students? - *This is not within the current scope however there will be an opportunity to gather any examples of best practice which can be shared.*

## **3. Planned Survey of UIDP members**

Comments on the draft survey included:-

- Have the survey reviewed by an expert in survey design
- In the request to UIDP member representatives suggest target university and industry personnel and request their name and email address. UIDP HQ will then assemble mailing list and manage collection of survey responses
- Proposed university targets should include Deans of Engineering, Physical Sciences and Life Sciences to capture department perspectives as well as central groups.
- Include opportunity for free text addition for all questions
- Ask industry respondents what skills doctoral students are lacking. What does industry want?
- Consider reworking questions 7 and 8 to avoid getting an average or neutral response.

## **4. Next steps**

- Finalize and test the survey

- Circulate review of current available materials from Brad Fenwick, Elsevier when available
- Go/No go decision on project meeting at UIDP project summit meeting at Arizona State, Jan 20, 21
- Consider opportunity to participate in some way at the upcoming T summit

*Subsequent to the call* Ryan and Robin suggested potential pre-survey work that might address some of the questions and suggestions that came up on the call. Namely, have UIDP members pair up, e.g. UNL-DuPont, and together, answer questions about their successful graduate student education-to-employment experiences/programs. The aim would be to identify best-practices and models early, along with different sets of desired transferable skills/experiences in different sectors. *We will investigate this further.*