

Department of Chemical Engineering Faculty Meeting

Minutes Monday, May 22, 2017 109 Benson Hall | 2:30-3:30 p.m.

Faculty Present:			
François Baneyx (Chair)	Graham Allan	John Berg	Dave Castner
Cole DeForest	Vince Holmberg	Shaoyi Jiang	Andy Kim
Elizabeth Nance	Rene Overney	Lilo Pozzo	Buddy Ratner
Dan Schwartz	Eric Stuve	Qiuming Yu	
Others Present:			
Paige Bennett (AIChE)	Debbie Carnes	Miguel Hernandez (AIChE)	
Nicole Minkoff	Shoko Saji	Joanne Tall (Minutes)	
Faculty Absent:			
Stu Adler	David Beck	James Carothers	Hugh Hillhouse
Brad Holt	Sam Jenekhe	Mary Lidstrom	Jim Pfaendtner
Jonathan Posner	Venkat Subramanian		

Meeting called to order at 2:31 p.m.

1. Announcements and New Business

- Today (5/22): Finlayson Lecture in PAA-A118 (Reception 3:30, Lecture 4:00) Gary Leal: tomorrow (5/23) HUB 250 (Lecture and pizza lunch 12:30)
- 5/26 F: Senior Send-off (Nance) 5:30pm in HUB 250 – Come and remind students to join LinkedIn
- 6/9 F: Graduation at 5pm in Kane 130 followed by reception in Benson (*FYI: Class of 1967 on campus in the afternoon for the 50th reunion*) - More details to come
- WRF Postdoctoral Fellowship opportunity (Holmberg) - new postdoc program to bring more postdocs to Washington State launched Monday morning
 - Hope for 30 postdocs
 - Will fund individuals for 3 years with \$65K per year to \$70K in 3rd year
 - Applications due mid-July - 1st round – want faculty to reach out to talented graduate students who are US citizens or permanent residents

2. Advisory Board Meeting Report-out – Baneyx

- The Advisory Board is pleased with the state of the department
 - Strong leadership
 - Excellent hiring: young, mid-career faculty are excellent, they solidify the department's strong focus in "Health" and "Energy" and drive new initiative
- Challenges:
 - Space in Benson, other areas (eScience space cost about \$1M)
 - Need more staff
- Enthusiastic about data science initiative as a crosscutting enabler
 - Needs better framing/justification
 - Tremendous industry need for data analytics: tool developers (CSE, EE, Amazon, Microsoft) and application of those tools (ChemE, ME, IE, BioE ... Boeing, Intel, P&G)
 - ChemE has potential to be a natural leader - it is at the center of all areas

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- Additional hires needed (core of 5-6, several joint appointments) to lead this initiative
- Potential to synergize with other departments
- Perform a SWOT / competitive analysis of proposed data science ChemE initiative
 - Coordinate with logical collaborating department representatives (e.g., CS, EE)
 - Document/formalize information with clear plan, supporting rationale
 - Identify internal strengths/weaknesses at department, college, campus level
 - Identify external opportunities and threats (e.g., funding, industry collaborations, competitions)
 - Describe roadmap to achieve goal(s)
 - Roadmap tasks must lead to milestones
 - Identify clear metrics to assess milestones

Many thanks to Lilo for her work on this!

DYSS: Giving an honorarium instead of a mug was suggested. Submit names for seminars.

***** CLOSED SESSION *****

3. Update to Prelim Exam Policy (discussion & vote) – Baneyx

Meeting adjourned at 3:12 p.m.

Minutes respectfully submitted by Joanne Tall.