

10/9/17 Chemical Engineering Faculty Meeting – Minutes

Attendance

Faculty Present (blank=absent)

Department Chair, Francois Baneyx - Present

Stu Adler	James Carothers	P	Brad Holt	P	Elizabeth Nance	P	Buddy Ratner	
Graham Allan	P	David Castner	P	Samson Jenekhe	P	Rene Overney	Daniel Schwartz	
David Beck	P	Cole DeForest	Shaoyi Jiang	P	James Pfaendtner	Eric Stuve	P	
John Berg	P	Hugh Hillhouse	Andy Kim	P	Jonathan Posner	P	Venkat Subramanian	P
Guozhong Cao	P	Vincent Holmberg	P	Mary Lidstrom	Lilo Pozzo	P	Qiuming Yu	P

Others Present

Stephanie Ashby	Debbie Carnes	Dave Drischell	Nicole Minkoff	Allison Sherrill	Joanne Tall
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Motions

Motion: Stuve moved to approve Committee Assignments

Jenekhe seconded. None opposed, none abstained. All in favor. Motion was approved.

Announcements and New Business

- Congratulations to Qiuming Yu for her promotion to Research Professor
- Congratulations to David Beck for his promotion to Research Associate Professor
- Congratulations to Jonathan Posner for his promotion to Full Professor
- Welcome to new Staff Stephanie Ashby (Chair Asst/Communications) and Jesse Chiem (Computing/Tech) Copy her on news items/Jesse will be working on remote server, Data Science Initiative
- Elizabeth Nance awarded \$2M MIRA R35 Grant from NIH – rare to a junior faculty
- Cole DeForest wins NSF 2017 CAREER award, 2017 ACS Young Investigator, and recognized as one of AIChE's 2017 35 under 35; Cover Story in October 2017 Issue of Advanced Materials
- Shaoyi Jiang wins 2017 AIChE Braskem Award
- David Castner wins 2017 ECASIA Award
- Lilo Pozzo honored at UW Latinx Faculty Recognition Event; with Nate Sniadecki (ME) receives CoE SII grant for new freshman Kitchen Engineering course. Elizabeth Nance received SII grant too
- Jim Pfaendtner's data science graduate training program is highlighted by KNKX
- David Beck presents NYU podcast "Data Science Demystified"
- Buddy Ratner receives \$15M project funding for Center for Dialysis Innovation; is recognized in special issue of Biointerphases for 70th birthday mobile insulin injection.
- Led by Jonathan Posner, with François Baneyx, Barry Lutz, and Ashleigh Theberge, Murdoch Proposal, "Biochemical Foundry for Translational Research" funded; will provide funding for Raman microscope in ChemE
- Beck lab (with Murray Hackett) publishes paper in Nature Microbiology
- Jessica Soto-Rodriguez (Baneyx group) awarded GO-MAP Dissertation Fellowship from the Graduate School - 1 of 2 on campus
- ChemE students (Nance, Carothers and Beck labs) win first place in WiSE Up Bridge Summer Research Symposium. Pre-engr students
- Alumni and ChemE Advisory Board member Richard B. Dickinson selected as CBET NSF division director
- Ashutosh Chilkoti ('91 PhD, ChemE) wins 2017 Diamond Award for Distinguished Achievement in Academia
- ChemE Alumni and PolyDrop CEO Volha Hrechka (Pozzo Lab) named one of Puget Sound's 40 Under 40 by Puget Sound Business Journal
- Dan Schwartz and Dave Beck (with Matt Murbach) run Data Science Hack Day at ECS

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Faculty Attendance at Graduate Symposium (Baneyx)

- Faculty were encouraged to attend and show support for students and department
- Promotion and timing of event can be improved to increase attendance
- Faculty who attended remarked on outstanding content, top notch speakers and overall high quality of event

Diversity Committee Presentation (Carothers)

A report on Diversity was presented, and activities for 2016-2017 were discussed.

- ChemE URM enrollments same as COE, but lag UW (UG 2013) by 27% and WA (18-24 year olds) by 50%
- 27% of ChemE UGs are Pell-eligible (~UW) ... but only 33% Pell-eligible UW students w/declared interest in STEM complete a STEM major
- URMs are only 15% of UW undergraduates
- Undergraduate race and ethnicity are strongly correlated with socioeconomic status on UW campus
- UW ChemE surpasses COE B.S. women average by 36% and nearly doubles the National Average. But, we lag behind ExxonMobil's engineering hiring by more than 30%
- Women and URMs among UW ChemE faculty are ~ 50% less than in the WA or US populations
- Moving forward; 1) we will distribute 2016-2017 Diversity Committee Report; 2) 2017-2018 task: create Diversity Website w/Stephanie; 3) keep recruiting in the face of the loss of UG admission control; 4) address recruitment and retention issues at graduate level; and 5) survey/improve climate to support retention efforts.

Committee Assignments – Vote (All Faculty)

- A Women in Chemical Engineering (WChE) committee was formed to support the growing organization. Nance (Chair, Founder), Drischell (committee member)
- Pozzo was added to Diversity and Undergraduate Program committees

Closed Session - All voting faculty

Discussion and Vote - (affiliate appointment; graduate faculty nomination)

Meeting was adjourned at 3:25 PM

2017-2018 Chemical Engineering Faculty Meeting Schedule | 2:30-3:30 Benson Hall, Room 109

FALL	10/9, 10/23, 11/6, 11/20, 12/4	
WINTER	1/8, 1/22, 2/5, 2/12*, 3/5	*due to normal biweekly schedule date of 2/19 falling on a UW holiday
SPRING	3/26, 4/9, 4/23, 5/7, 5/21, 6/4	
