

Chemical Engineering Faculty Meeting- Open session

May 7, 2018 | 2:30 - 3:30 pm | Benson Hall room 109 | 2:30 - 3:30 pm

Attendance

Meeting start: 2:30 | Adjourn: 3:30

Faculty Present (blank=absent)

Department Chair, Francois Baneyx - Present

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

Others Present

Stephanie Ashby	Dave Drischell	Debbie Carnes		Carol Matsumoto	Than Htwe
Redeen Duran (WChE)	Victor Hu (ACES)	Harrison Sarsito (AIChE)		Jim Kresl (Office of Research)	

Announcements and new Business

Baneyx

- Hillhouse publishes paper in *Nature Photonics*
- Baneyx publishes News and Views article in *Nature*
- Jeff Richards, PhD (Pozzo group) signs tenure track offer from Northwestern
- Staff member Joanne Tall retiring June 29
- Welcome to New AIChE-UW President Harrison Sarsito

10 Year Review Committee Selected

- Per Reinhall, Prof. and Chair, ME (Chair)
- Mari Ostendorf, Professor, EE
- Lorenz Biegler, Professor and Head, CMU ChemE
- Anthony Muscat, Prof. and Chair, Chem & Enviro E, U AZ

Site visit: May 9-10, 2019 | Exit discussion: May 10, 2019, 2:30 PM – 4:30 PM

My Research Portal - Jim Kresl, Assistant Vice Provost, Office of Research Information Systems

Jim presented information on MyResearch Portal, a new tool that aggregates research project information from 37 UW systems and 14 external sponsor systems. The portal provides a one-stop application to monitor projects, including funding status and training transcripts with personalized dashboards and prompts for action on timely activities. ChemE investigators are encouraged to try the portal.

Brad Holt – Direct to College Admissions & discussion

The College of Engineering approved admission of 50% of incoming undergrads via Direct to College Admissions (DTC). Admission target number was 650, and 950 were admitted. 50 of these selected ChemE as their first choice, where 35-40 is the normal average. 150 selected Bio-E, with 2nd choice in ChemE. Oversubscribed departments will be able to choose which students they take. Undersubscribed departments will receive the overflow.

Under the college proposal, departments are allowed to rank students, but must follow the CoE CEP (Council on Education Policy) rubric when doing so.

ChemE is oversubscribed, but the department does not have authority to rank incoming students using the criteria of how well they have done in other courses, such as Chemistry. ChemE's undergrad admissions target is about 70, 50 of which will be the DTC that have requested ChemE as their first choice. This leaves room for 20 transfer, ChemE as second choice and interest changers.

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There was general agreement among the faculty that the proposed rubric by the College impedes the department in its ability to choose who is admitted to the Department, and a strong consensus that Prof Holt should continue to advocate for the protection of the Department's governance over its admissions.

Baneyx – Discussion of partial departmental funding of patent conversions

Chair Baneyx shared information on the cost of patents through the patent life cycle (US filing only). Patent conversions from provisional to non-provisional starting cost is 15- 20K. Application examination is another 15-20K, and maintenance fees total about 7.5K over the 20 year life span (from first filing) of the patent, for a total of 37-47K per patent.

The CoMotion speculative patent budget has decreased from 2M to 300K, and they can no longer provide as much support as in previous years. In a proposed new process, patent conversion decisions would be made in consultation with units, include an assessment of commercial potential, invention context, and alternatives (e.g., copyright). There would be a rapid release for right to file to inventor, co-funding by units, royalty distribution changes to better reflect risks and rewards*, and the possibility of external funding. CoE is likely to split cost with departments.

*Current royalty distribution at UW: CoMotion 20%; Inventors 27%; Departments/Colleges 27%; Office of Research 27% (RRF and BRIDGE programs)

Chair Baneyx asked the faculty how much the department should invest in patents, and if the department should subsidize conversion applications should CoMotion reject a proposed conversion. Prof. Jenekhe asked where the funding for this might come from, and how it would be decided which were funded. Prof Pozzo suggested that faculty might invest along with the department. It was also asked how funding patents would impact those who don't file. It was concluded that the discussion of patent funding by the department be continued at a future meeting.

Baneyx - Questions for the Advisory Board (DS and other topics)

Chair Baneyx asked faculty to recommend questions for the Advisory Board (via email).

The meeting adjourned at 3:30 pm