

Department of Chemical Engineering Faculty Meeting

Minutes Monday, April 24, 2017 109 Benson Hall | 2:30-3:30 p.m.

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

Meeting called to order at 2:30 p.m.

1. Announcements and New Business

- Subramanian and PhD student Seongbeom Lee's article among top 10 most-read in March in JES
- Kayla Sprenger wins CoE Student Research Award
- Kudos to all who participated in Discovery Days – up from 6 to 10 booths
- AIChE Regional Conference recap – Adler
 - Successful - Jeopardy challenge exciting, OSU vs UW - We lost in last round
 - Did great in paper competition – Technical issues in car contest
- Reminder: Friday, 4/28 Awards Day (12 – 2p, UW Club Yukon Pacific Room)
- Reminder: Return teaching surveys and Sr. Review to Brad Holt

2. MS Admission Update – Yu

- 21- total: 10 women, 11 men. Average GPA 3.44

3. PhD Admission Update – Sherrill

- Smaller class this year due to less funding
- 5 total – 1 Bio/4 Energy
- High GPAs – We can compete with top schools

4. Expanding the role of Graduate Committee to include voting on the outcome of prelim exams (discussion & vote) – DeForest & Stuve

- Graduate Committee (GC) presented a proposal to grant them with the authority to make decisions on student progress. With the growth of grad program, we have not had sufficient time to discuss individual cases at FM.

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- GC will make placement for research groups when all parties agree (with results reported to full faculty)
- GC will decide on prelim outcome for “pass and “does not pass” for first attempt
- All controversial cases and second and third-attempt “does not pass” will be discussed with the full faculty
- GC will provide a succinct update to the greater faculty at the last FM of each quarter
- Discussion included preference for the full faculty to continue discussing/voting on all cases. Compromise of “consent agenda” was proposed, allowing for a bulk approval without requiring discussion of independent action per student, to help speed up the process. GC will incorporate the suggestions and revisit this at a future FM.

5. Data Science Option (discussion & vote) – Beck

- Advanced DSO previously approved, which has intense coursework
- Goal is to increase access to DSO, which is in high demand
- 545 – *Data Science Methods for Clean Energy Research* and 546 – *Software Engineering for Data Scientists* to be required for Option (3 credit courses, offered Winter 2017)
- Capstones are key in increased placement for internships and jobs
- Slots in 545 and 546 – 50 in each class, half are allocated to Chemistry half to ChemE - of the 25 from ChemE, 15 are NRT (including MS), 10 seats left at ChemE’s discretion
- Long term commitment – adding two required classes and 1 TA (Chemistry doing one TA)
- Advisor approval required to choose DSO

Motion (Schwartz):

“I move to adopt the Data Science Option,” (Adler seconded). Two abstained.

Motion was approved.

6. DYSS Update – DeForest

- Greater number of high quality applications come when faculty reach out
- Cole will send email and link to DYSS

7. Diversity Committee – Carothers

Due to time constraints, James gave a very quick update on committee activities. The committee will discuss their work in more detail at a later time.

***** Closed Session for Professors & Associate Professors *****

8. AHR voting items

Meeting adjourned at 3:40 p.m.

Minutes respectfully submitted by Joanne Tall