
***J. Crayton Pruitt Family Department of Biomedical Engineering
Faculty Meeting Minutes***

Wednesday, February 12, 2020

3:00 p.m. – 5:00 p.m.

- 1. Call to Order**
- 2. Guest Speaker** – Pam Dickrell, Associate Chair for Academics – Freshmen Engineering Design
 - Presentation on EGN 2020C – Engineering Design and Society (aka “Freshman Design”)
 - UF HWCOE did not previously have a freshman engineering design in the curriculum. Active learning course – same textbook as Elements of Electrical Engineering. Student operation of 3D printers. Onshape – desktop 3D printing using LulzBot. Starter set for microcontrollers, sensors, and actuators. Talk about how different engineering majors use these tools. 2-Credit course with flip course lecture delivery and activities during course lectures. Focus on working in design teams and forming teach charters for future team collaborations. Human-centered design and societal needs. Female and minority students seek human-centered engineering focus, which enhances retention. Build prototype, 3D print, verbal and pictorial communication plans. Examples of a semester project related to helping citizens in Puerto Rico following hurricane impacts. Final presentations include demonstration of their working prototypes. Impressive course evaluations related to self-perception / self-confidence. Students left with the feeling that they have the skills and capabilities of being a successful engineer moving forward.
 - Question – how would you see this integrated into the various curricula. Issue is how to include EGN 2020C into BME undergraduate curriculum but without losing BME 1008. Course has included EGN 2020C into several departmental programs.
 - Question – HWCOE will be attempting to fund raise for the laboratory – even the benches.
 - Some programs have dropped physics labs to make room for this course. Issue with BME is that physics labs are needed for our pre-med students.
 - EE Department’s primary faculty are non-tenure track with 75% FTE teaching assignments.
- 3. Approval of Agenda and Minutes** – January 8, 2020 minutes emailed in advance
 - Motion to approve minutes / second / approved.
- 4. Important Dates to Note (mark your calendars!)**
 - February 17 @ 3pm – BME Leadership Seminar: Rebecca Richards-Kortum
 - February 20-22 – Graduate Recruitment
 - March 11 @ 3pm – BME Faculty Meeting

5. Discussion Items

5.1. Safety (Jon)

- January meeting was canceled. Next meeting next week.

5.2. Diversity and Inclusion (Christine/Ayse)

- Upcoming panel discussion for Black History Month.
- Lakiesha – to give general science talk at First Magnitude
- Greg – showcase presentation at the Cade Museum

General discussion – graduate recruiting upcoming. Change upcoming – faculty/student matching are now limited to one week in the early fall. Encouraging matching now at the time of the spring interviews and assignments of GS fellowships. Message to students – make contact over the summer with various faculty as potential advisors. Some departments “award” a GSPA to faculty who then have the ability to directly recruit.

5.3. Items Requiring Action

- Faculty Vote – Affiliate Faculty Request (Kevin) - David Clark
- Vote to approve appointment. Requesting affiliate appointment only – not Graduate Faculty Status.

5.4. Department and COE Updates and Discussion Items

5.4.1. Faculty search update (Christine/Greg)

Purpose of conversation today – who should be extended offers in Biomechanics and Data Science. No clear trends in faculty consensus. Plan is that we should make two additional offers in each of these two area. Kyle Allen – reminded faculty that the data science line was more “omics” focused, and that candidates were more in line with the original description.

Meeting adjourned. Did not finish the rest of the items.

5.4.2. Faculty/personnel updates (Christine)

5.4.3. Time and travel reporting (Christine/Zac)

5.4.4. Professional conduct in course syllabi (Christine)

5.4.5. FIU College of Medicine seed proposals (Christine)

5.4.6. Shepard Broad gift/outreach fund (Christine/Ed)

5.4.7. Executive Committee update: Food @ oral examinations (Kevin)

5.4.8. Canvas demo on ABET data collection (Sarah)

5.4.9. S10 major instrumentation proposal (Ed/Kevin/Lee)

5.4.10. Awards Committee update (Kevin)

5.4.11. Administrative & fiscal updates (Zac)

5.5. Student Org Updates (All)

6. New Items (all)**7. Adjourn**