Faculty Meeting Minutes  
Department of Materials Science and Engineering  
Monday - May 1, 2017  
Notes by: Kaitlyn Cullen  


I. Meeting Call to Order
   A. By Pamir Alpay at 10:30am

II. Minutes of the Previous Meeting
   A. April 3, 2017 – Approved as written

III. Department Updates: Pamir Alpay
   A. Husky DM – professors need to complete by June 30th
      A. This data determines resource allocation for the department by the provost
   B. Google scholar reminder to faculty
      A. This helps departmental rankings
   C. Advisory Board Meeting – Wednesday May 3rd
      A. PowerPoint presentation from this meeting can be used as promotional materials for trips to help advertise the department
      a) Includes: fact sheet, faculty summary, advisory board summary, new equipment that is going into the tech park with descriptions, etc.
   D. Next ABET is September 2019

IV. Faculty Search: Pamir Alpay
   A. Kazem and Jeremy gave green light to pursue both Hoster and Riman
      A. Pamir reached out to each of those two candidates and asked what it would take to get them here: start up package, salary, space needs, etc.
      a) Harry: not interviewing with any other schools, very interested, wants to come again with family
      b) Riman: is interviewing with other schools, Pamir didn’t get a chance to talk to further
   B. Potential opportunity to additionally hire another faculty from the search – Nicola Perry – visiting the week of May 8th

V. Undergraduate Issues: Pamir Alpay
   A. There were 14 MSE Senior Design presentations, the top three projects worked with Metronic, Pratt and Whitney, and NASA
      A. #1: Medtronic (“Characterization of Tensile Mechanical Properties of Biodegradable Polymers”)
      Students: Jarred Correia, Alexis Jensen, Jessica LeClerc, Michael Murelli, Zachary Kerschner
Industry advisors: Darlene Nebinger, Dr. Gerald Hodgkinson, Michael Morsch, Jack Kennedy,

Faculty advisor: Rainer Hebert

B. #2: Pratt and Whitney (“Accelerated Aging and Failure Analysis of Polymer-based Adhesive”)

Students: Dion Buterbaugh, Chris Didero-Gonzalez, Aaron Gladstein, Jay Latimer

Industry advisors: John Harner

Faculty advisor: Serge Nakhmanson

C. #3: NASA (“In Space Manufacturing and Reclamation”)

Students: Asa Army, Alexander Kadov, Spencer Palmer, Jonathan Rasimas, Beau Tetreault with ME and EE students Tyler Young (EE) and Stephen Hawes (ME)

Program manager: Tracy Gill, Dr. Tracie Prater

Faculty advisor: Rainer Hebert, Adam Wentworth

B. Concentrations/ Redesign of the undergraduate curriculum

A. Pamir requested the Undergraduate Committee review concentrations to determine if they are still essential

VI. ABET: Rainer Hebert

A. Course Documentation – reminders to faculty:

A. Check for final reports by students in Husky CT

B. ABET also requires documentation that students have met course criteria

C. Please email Rainer copies of syllabi, students’ answers to mid-terms, finals and homework and include a self-assessment required by ABET about what went well in the course, what could be improved and how

B. Course Improvement

C. (a) – (k) Team Lead Revisited

A. In the fall we will need to complete new documentation for 2019, but for now Rainer will reach out to relevant courses directly,

B. There will be meetings coming up to learn more about the A-K

VII. Graduate Issues: Bryan Huey

A. End of Year Wrap-up

A. Gyuho Song (MRS President) hosted an internal recruiting event a few weeks ago for undergraduates about working in labs here on campus

B. Recruiting for fall 2017 is done – less accepted than last year: 9 PhD students, 3 Masters students, 2 MEng students

C. Faculty please let Bryan Huey know if you are going to the Masters commencement and/or the PhD commencement

B. Re-design of the graduate curriculum
A. Bryan Huey stated the departmental Graduate Committee is thinking creatively about the redesign of graduate courses with the additional three-credit requirement by the Graduate School for Master’s degrees and is inquiring what peer programs are offering. Discussion followed. Barry Carter noted the importance of limiting class size. Mei Wei suggested students could take courses outside of the department and independent student courses could be offered.

The meeting was adjourned at 12:00pm.