College of Engineering
Executive Committee Meeting
June 20, 2014
1:00-3:00pm
Eccles Board Room

Calendar

- Aug 18  New Hire Faculty Orientation, 8am-4pm, Eccles Board Room
- Aug 22  Fall Faculty & Staff meeting 2:00pm, L104 WEB
- Nov 14  ENAC at IM Flash in Lehi

Announcements

- Virtual parking passes. Parking will be done by license plate instead of hanging tag. Registration is done online. There were questions about having more than 2 vehicles.
- Counseling Bridge Model: U of U counseling/advisors are going to a new model. The University wants to be more connected to the academic units. “Bridge” counseling is where advisors will spend half of their time in the College and the other half with the University. Chairs will need to evaluate if they need additional counselors/advisors in their departments.
- The Adobe site license is similar to Microsoft’s license. All Adobe tools will be on all University machines. Individual staff/faculty/students can subscribe for their own personal machines for $10/month with the cloud version. The tools include Framemaker. There is no cost to the departments. The U would like to have an event to kick this off and have John Warnock attend. Rich would like the College to be involved in this event and to show that Engineering is using Adobe tools.
- Unizin is an organization to develop learning analytics using the Canvas platform. The organization is formed by a group of universities and the University of Utah has been invited to join.
- John Nixon, the new Chief Business Officer for the university, wants to move to an electronic procurement system at the university that will discontinue the use of campus orders. Departments should talk to John about this new system of procurement.
- The NSF Fellowship did not go well this year. Factors may have been possible lack of advertisement as well as students not understanding the impact of their proposals. We need to give grad students better access to outreach efforts.
- There will be a series of fund raising/development meetings this fall. These meeting will be held each month for several months. When they have been scheduled, we’ll let the departments know and they should encourage faculty to attend.
- Overhead: When research is shared with other departments outside of the college it is suggested that money be divided among co-investigators. It is suggested that proposals be set-up with sub-accounts.
- Dean Raymond Tymas-Jones has started Alliance for the Arts in Research Universities. Meetings regarding this new program will be held this fall. Please let Dean Brown know if any of the faculty in your departments are participating or working with any of the different arts departments (dance, visual, etc.).
- The GOED office would like to align education and workforce needs. This could impact whether the Engineering Initiative is brought back up as an issue for Capitol Hill. Spence Eccles, Jr. is stepping down from the GOED office.
**Discussion Items**

**Convocation Recap:**
- The University would like engineering faculty to attend Commencement.
- As a reminder, we should remember to invite new faculty to convocation.
- Closed captioning will differ next year.
- Because the Masters programs are growing, it was suggested that next year we try having the Masters students enter in a double line. However, there should be a clear demarcation between masters and undergrads. The Ph.D. students would enter in one line by department/degree, then the master’s students would enter in two lines in order of degree/department followed by the entrance of the undergrads in two lines also by degree/department.

**ENAC summary points:**
- Ruth Watkins stated that the university is committed to helping engineering grow. For other studies, there are four grads for every job, however, for engineering students there are two jobs for every graduate. The consensus of the ENAC board was that engineering should continue to grow, and according to Mike Leavitt our goal now should be to triple it.
- Dean Brown has talked to Natalie Gochnour about doing a report on the economic impact the Engineering Initiative has had on the state.
- Kent Bowen, former chair of ENAC made the comment that the Boston area lost out to Silicon Valley because Stanford had a remote master’s program that allowed students to work and get a masters, while Harvard and MIT missed that opportunity. It was suggested that should look at what the university can do to influence and serve the needs of the local businesses and industries.
- ECE is currently testing driving “Big Streaming” and they are also looking at a general electrical engineering master and its financial feasibility.
- On-line Education: We need to get our courses and degrees online.
  - Milind applied last year. The CHEM department will use the money for TA support, online courses with free editing. There is no automatic template. You need to set up a whole program at it’s not “al a carte”. It will be important have good TAs to get it running.
  - Gianluca mentioned that at another schools, the professors that taught on-line were paid an additional $5K to teach the on-line courses.
  - Ajay: How do you get students to register? Is it the same as regular registration? Is there a class webpage? Employees and companies need access.
  - Ameel: When ME did ATK it brought in $50K year and programs like this can be a revenue stream. It can be a new source of income for the department.
- Text Book Costs: Text books have gone up faster than health care. The faculty should be aware that there are some students who won’t take a class because they cannot afford the text book. Dean Brown sent an email with a list of how to reduce costs. The bookstore will rent text books if the versions have not changed. Some department use older versions when there are not significant changes because they are cheaper.
- Rankings ([see handout]):
  - The Acceptance, PhD and Masters ratio is pulling us down.
  - We need more applicants and need to be more selective of those applicants. We also need higher quality students.
  - Departments provide the numbers for rankings.
  - Maybe we need to re-think how we count PhD students. Dean Brown will look into this.
- Are the other schools really getting more students than we are?
- We need to change the way we admit students and what we call the students (i.e. PhDs, Masters).
- We need to grow the number of masters without more resources.
- Need to plot the acceptance rate.
- Need to advertise better.