

College of Engineering

North Dakota State University

Minutes - Faculty Council Meeting

Wednesday, January 29, 2020, 3:00 - 4:00 PM, FLC 124

Attending:

CoE: Michael Kessler, Scott Pryor, Kyle Bosch, Steve Jeffery

ABEN: Xinhua Jia, Shafiqur Rahman, Dean Steele

CEE: David Steward, Beena Ajmera, Achintya Bezbaruah, Dinesh Katti, Kalpana Katti, Wei Lin, Mijia Yang

CS: Simone Ludwig, Ken Nygard, Saeed Salem, Changhua Yan Anne Denton

CME: Jerry Gao, Abdulaziz Banawi

ECE: Ben Braaten, Jacob Glower, Ivan Lima, Dharmakeerthi Nawarathna, David Rogers, Di Wu, Qifeng Zhang

IME:

ME: Alan Kallmeyer, Adam Gladen, Ghodat Karami, Robert Pieri, Yan Zhang

1. Call to Order:

The meeting began at 3:05pm.

2. Approval of Minutes from Last Meeting

Motion to approve November 11, 2019 minutes (Pieri / Katti). Motion passed.

3. College Update and NSF CAREER Award Celebration

Kyle Bosch

- Student Success Summit in 8am - 5pm on February 5th, 2020 in the Memorial Union.
- The Proposal Development Program which is run through the Research and Creative Activity office has some upcoming presentations:
 - Feb 11: NSF Career program
 - March 10: Expectations of NIH
 - April 14: Developing collaborations
- More information is available on the Research and Creative Activity website.

Grant Awards:

- Rob Sailor: \$300,000 ND Department of Commerce for Design and Prototyping of a CO2 Cooling Device

- Canan Bilen-Green and Roger Green: \$232,000 from NSF for Advanced STEM Partnership for Project Success
- Dharmakeerthi Nawarathna: \$433,000 from NSF for a CAREER award. Dr. Nawarathna gave a short overview of his research and the work that went into preparing a successful proposal.

4. Guest Speaker

Saurabhi (Sau) Satam, Business Development and Licensing Associate, Office of Research and Creative Activity.

Saurabhi Satam is the new business development and licensing associate for the office of industrial engagement and intellectual property. Saurabha gave a general introduction to their office and what they can do to help faculty in CoE with getting a patent and/or filing an invention disclosure.

5. Announcements

Dean Kessler

- We would like to see more invention disclosures coming out of CoE
- Achintya Bezbaruah just received a Fulbright award to work in India with NMIT Jaipur
- Budgets: The final number that CoE needs to come up with is about \$383,000 in cuts we had to come up with, mostly though open lines. Fortunately, all active searches are still on-going including ECE (one in computer engineering, a second in signals / robotics), Environmental Engineering, Mechanical Engineering (robotics and automation), Computer Science (cyber security), and a lecturer in CS.

Other Announcements:

- (Yang) The Research and Graduate Committee is still accepting nominations for the distinguished lecturer series for fall 2020. The deadline is March 15th. Nominations for researcher of the year has a deadline of February 3rd
- (Bezbaruah) Dr. Bezbaruah coordinates a program called the Grand Challenges program. There are 44 students enrolled in the program - covering all areas in CoE. Mentors for the student teams are needed. If you are interested in being a mentor for a student group, a seminar is offered on Tuesdays from 5pm to 5:50pm. Please come and pitch your research to the students.
- (Pryor): CoE is sponsoring several FE review sessions on the last two Saturdays in February. Presenters in the areas of probability and statistics as well as economics are still needed. Please contact Scott Pryor if you are interested in presenting.
- NDSU has a policy where students can only take a student three times. A student can appeal and ask for a fourth attempt. It isn't clear whether students know that they only have three shots at passing a giving course. Please keep an eye out for students who are approaching this limit and remind them that they do only have three attempts to pass a given class.
- Some feedback from students is that we in CoE do a good job at recruiting students and helping with advising. Please keep up the good work.

6. Committee Announcements/Reports

College PT&E Committee (Pieri).

- Candidates packages are going forward to the Provost. Many thanks to the members of the PT&E committee for their work.
- Upcoming work is to look at the CoE Bylaws. The Provost has not signed the CoE Bylaws yet, specifically due to Section VI.
- As a reminder to all departments, a 3rd-year review of tenure-track faculty is required. Yearly reviews are encouraged, of course.

Faculty Senate Executive (Pieri)

- Senate Exec talked about the two Budget Committees. The Provost Committee is to advise on long-range budgets (5-10 years ahead) while the Senate Budget Committee is more short-term.
- The goal for the Provost search is to have candidates on-campus in March.

College Executive Committee (Lin): The revised CoE Bylaws for Section I to V were approved in an electronic vote: 31 votes to approve, 0 votes to reject, 0 votes to abstain. Once Section VI is revised and approved it will be signed and sent on the Provost.

College Academic Affairs Committee (Pryor): All courses proposals have been approved at the college level and in the process of approval at the university level. Some of the proposals are

- A double major in Mechanical Engineering and Physics
- A degree in Software offered within the Computer Science department
- Minor in military science
- Program change in biomedical engineering. An optional course was a pre-req for a required course, so both were made required courses.

7. Old Business

none

8. New Business

none

9. Adjournment

The meeting was adjourned at 3:58pm

Respectfully submitted

Jake Glower, secretary

January 29, 2020