

**College of Engineering
North Dakota State University
Faculty Council Meeting**

Wednesday February 17, 2016, 12:00 – 1:00 PM, Dolve 118

Attending:

ABEN: Shafiqur Rahman, Halis Simsek, Dean Steele

CEE: Magdy Abdelrahman, Michael Chu, Sivapalan Gajan, Kalpana Katti, G. Padmanabhan, Eakalak Khan, Dinesh Katti, Achintya Bezbaruah

CME: Jerry Gao, Eric Asa, Matt Stone, Todd Sirotiak, Jongchul Song, Yao Yu, Bradley Bowen

ECE: Jacob Glower, Scott Smith, Dong Cao, Ivan Lima, David Rogers,

IME: David Wells, Bashir Khoda, Val Marinov

ME: Ghodrati Karami, Alan Kallmeyer, Xinnan Wang, Long Jiang, G Nazari, Chad Ulven, Sumathy Krisanan, Yan Zhang, Robert Pieri, Jordi Estevadeordal, Yechun Wang

CoE: Gary Smith

1. Call to Order (12:04) (Bezbaruah)

2. Recognition of Scholarship. (Bezbaruah)

Dr. Todd L. Sirotiak was awarded a grant for “Cement Changes & Solutions to the Industry,” funded by US Department of Energy.

North Dakota State University of Fargo, North Dakota, in collaboration with the Institute for Transportation of Iowa State University, will develop a technique that uses basalt fiber impregnation to increase durability and reduce cracking and shrinkage of concrete. This product could reduce the cost and maintenance of concrete used in hydropower projects.

3. Approval of Minutes from the Last Meeting (Padmanabhan / Karami) Motion passed

4. Committee Reports/Announcements

Executive Committee (Bezbaruah): No report

General Education (Wells): The University Faculty Senate is considering whether to merge the General Education committee with the Academic Affairs Committee. The General Education Committee is somewhat skeptical as to why this makes sense.

(Abdelrahman): The University Efficiency Committee is trying to reduce the number of committees, both to reduce bureaucracy as well as reduce the committee load for faculty. This proposal seeks to do this, but will require some off-loading of the committee work to the colleges.

Assessment (Rahman): Feedback from the departmental assessment reports have been given back to the departments.

Academic Affairs (Steele): The following courses were approved in committee without objection and have been sent forward to the Dean.

CME 403
CME 488
CME 489

ENGR 722 is a new course on writing which is being sent to the faculty for consideration for review. (Smith): There is no concern from the Dean's office on this course: we already have ENGR courses which count as General Education social science and humanities credits.

(Smith) A minor in Biomedical Engineering is underway. This comes from interest from the students. Dr. Ewert is working on finalizing letters of support.

(Smith): A minor in reliability is also in the works to meet needs of John Deere and Medtronic.

Research and Graduate: (Karami): A Day of Celebration for Teaching and Research is upcoming in March. We are currently planning on having a 10-minute presentation on teaching from Dr. Glower pertaining to his class experience and web site Bisonacademy.com as well as a 10 minute presentation by Dr. Chaudhuri pertaining to his CAREER award.

The Spectrum has invited input from faculty and colleges on their most impressive research to be published in an upcoming issue related to research and technology. Input should be sent to department chairs and then to Dr. Karami. This input should be a brief paragraph describing the research.

Promotion and Tenure (Marinov): Promotion and Tenure documents should be under review in the departments at this point. These documents should be sent to the Dean by mid April.

5. Announcements from Dean (Smith)

Due to the drop in oil prices, NDSU needs to reduce costs.

- The 3% faculty raise is probably going to be unaffected.
- The Grand Challenge program has been delayed until 2017
- Filling faculty positions will probably be done on a priority basis
- Existing faculty searches will not be affected as far as we can see,
- Hiring of CE and IME chairs will be put off until next year.

The college strategic plan has been sent to the departments for input. Please note that this is a living document where feedback and suggested improvements are welcome.

6. Adjournment (12:46 PM) (Bezbaruah)

For your calendar: Upcoming CoE Council Meetings
All meetings this spring will take place in Dolve 118 from 12:00-1:00 PM on the dates listed below
February 17, 2016
March 23, 2016
April 20, 2016

Respectfully submitted: February 22, 2016
Jacob Glower