

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

Wednesday, January 20, 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

CME: Huojun Yang, Yong Bai, Jerry Gao, Eric Asa

ECE: Jacob Glower, Scott Smith, Dong Cao, Nilanjan Ray Chaudhuri, Keerthi Nawarathna

IME: David Wells, Bashir Khoda, Om Yadav

ME: Ghodrat Karami, Alan Kallmeyer, Xinnan Wang, Long Jiang, G Nazari, Dilpreet Bajwa, Chad Ulven, Yechun Wang, Sumathy Krisanan, Yan Zhang, Majura Selekwa, Xiangfa Wu, Robert Pieri, Jordi Estevadeordal

CoE: Gary Smith

1. Call to Order (12:06) (Bezbaruah)

2. Approval of Minutes from the Last Meeting (Katti / Smith) Motion passed

3. Recognition of Scholarship.

Nilanjan Ray Chaudhuri (ECE) received a CAREER award from the National Science Foundation's (NSF) Division of Electrical, Community and Cyber Systems (ECCS) for \$502,810. This will be used to help NDSU engineering students research and develop plans to better incorporate wind farm power into America's grid systems and conduct two Science, Technology, Engineering and Math (STEM) workshops in the West Fargo School district and an annual summer camp at NDSU.

4. CoE Committee Reports/Announcements

Academic Affairs (Steele): Several courses were approved and forwarded to the Dean, including

- ECE 737
- ABEN 110
- ECE 476/676
- IME 464/664

Nominations for the CoE Teacher of the Year and Graduate Teaching Assistant of the Year are due on February 19, 2016.

Research and Graduate (Krishnan): Nominations for the CoE Researcher of the Year and Graduate Researcher of the Year award are due on February 12, 2016.

Promotion & Tenure: (Bezbaruah) Departments are encouraged to update their PT&E document to be consistent with the revised college PT&E document.

Director of Annual Giving (Pam Perleberg): The "Day of Giving" will be on April 21m 2016. This will be a fund-raising event over social media with the goal of raising awareness of NDSU.

CoE Bylaws Committee: (Bezbaruah) A committee is being set up to go over the CoE bylaws to clean up the language. One representative from each department is requested:

- Jake Glower (ECE)
- Majura Selekwa (ME)
- Magdy Abdelrahman (CEE)
- Halis Simsek (ABEN)
- David Wells (IME)
- Yao Yu (CME)

5. University Committee Reports/Announcements

No report

6. Announcements from Departments

Bezbaruah for Eakalak Khan: The North Dakota Water Resources Research Institute (NDWRRI) has invited Dr. Paul Westerhoff from Arizona State University as the Distinguished Speaker for its annual lecture series. It will be on February 18 (1:00-2:00 PM) - He will speak on wastewater reuse across the US. Paul will be here on February 17-18. On the sideline Achintya will coordinate a meeting of interested faculty in the morning hours of February 18 (possibly 10:00/10:30) where Paul is going to discuss about their NSF funded new Nano ERC – NEWT for water treatment - anybody who is interested in the ERC – NEWT process and Paul's center should send an email to Achintya.

7. Discussion on “First Year Experience” (Pieri)

The college has been running a 1st-year experience course for the past 3 to 3 ½ years. This committee has one representative from each department. There are many reasons to look at having a 1st-year experience program, including an increased 2nd-year retention. For comparison, our retention rate is about 40% - which is close to the lowest in the U.S. The question is how to expand this course to 600 students in CoE.

The floor was opened up for discussion on whether we should and if so how to expand this course for all incoming freshmen in CoE.

8. Adjournment (12:52 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: January 22, 2016
Jacob Glower