

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

Wednesday, November 18, 2015, 12:00 – 1:00 PM, Dolve 202

Attending:

ABEN: Shafiqur Rahman, Dean Steele, Halis Simsek, Zhulu Lin

CEE: Mijia Yang, Achintya Bezbaruah, G Padmanabhan, Kalpana Katti, Dinesh Katti, Eakalak Khan

CME: Huojun Yang

ECE: Jacob Glower, Scott Smith, Debasis Dawn, Ewert, David Rogers, Jinhui Wang, Na Gong, Dong Cao

IME: Val Marinov, David Wells

ME: Ghodrati Karami, Yan Zhang, Xianfa Wu, Alan Kallmeyer, Xinnan Wang, Long Jiang, Majura Selekwa, Bob Pieri

CoE: Gary Smith

1. Call to Order (12:05) (Bezbaruah)

2. Approval of Minutes from the Last Meeting (Pieri) Motion passed

2. Recognition of Scholarship (Bezbaruah)

We are pleased to recognize the following awards:

- Rajesh Kavasseri and Nilanjan Chaudhuri for their proposal: “CPS: Breakthrough Collaborative Research: WARP: Wide Area Assisted Resilient Protection.” Funded by the NSF for \$496,368.
- Debasis Dawn for his proposal “Phase-1 Venture Grant to Develop a CMOS Power Amplifier for Mobile Phones that Eliminates Today’s Key Challenges of Cost, Size, and Battery-power.” Funded by the North Dakota Department of Commerce for \$100,000.

4. Report from University Senate (Yang)

The Faculty Senate is looking at revising the Student Rating of Instruction (SROI) forms in order to measure how effective teaching is.

5. College and University Committees:

University Athletics (Selekwa): We are looking at building an Olympic sized swimming pool at NDSU. Presently there is no pool which meets NCAA standards. There is also a new organizational chart in athletics.

General Education (Wells): The General Ed committee is working on developing procedures for course approval. The General Ed committee is also looking at capstone courses in fourteen

different departments across NDSU. The goal is to see if there is commonality in these capstone courses. The committee will also be giving feedback to the colleges about how their capstone courses relate to university expectations.

Technology and Inst. Service. (Jiang): The bylaws for this committee require members to be associate or full professors. We are likewise looking for a new committee member.

CoE Research and Graduate (Lin): Two nominations for the distinguished lecturer series were received. Both have been forwarded.

6. Announcements from the Dean (Smith):

Proposals for the Grand Challenges Program are being resubmitted.

The University Honors Program is being revamped. The plan is

- 1st year honors will be an introduction to honors course
- 2nd and 3rd year honors will be a seminar / colloquium covering regulations and how they relate to engineering
- 4th year honors will be a research project which incorporates service and leadership.

7. CoE Academic Affairs (Steele)

Motion to approve the following course change proposals (Pieri / Glower). Motion Passed

- CM&E 301: Construction Technology and Equipment
- CM&E 485: Heating, Ventilation, and Air Conditioning
- CM&E 486: Building HVAC Design
- ECE 463/663: Modern Control
- ECE 772: Low Power Circuit and System Design

Motion to vote on the proposed changes in the CoE Bylaws at our next meeting (Glower / Smith): Motion Approved

Current CoE By-Laws' Responsibilities of the Academic Affairs Committee (Part IV, Section 2, Item b):

Review proposals changes, deletions or additions for curriculum, course changes, and new programs and provide a recommendation for action with College Faculty;

Proposed CoE By-Laws' Responsibilities of the Academic Affairs Committee (Part IV, Section 2, Item b):

Review proposals, changes, deletions, or additions for curriculum, course changes, and new programs. Upon unanimous approval by faculty members of the CoE AA Committee, such proposals and changes may be sent to the next level (CoE Dean) for approval.

Should the Committee vote not be unanimous, the matter in question will be brought to the CoE Faculty Council for further consideration.

PT&E Revision (Marinov): The CoE PT&E committee has been working on revisions to the college PT&E document since 2012. The final version is attached.

Motion to vote on approving recommended changes to the CoE Promotion and Tenure at our next college meeting (Padmanabhan/Katti). Motion passed.

8. Adjournment (12:50 PM) (Bezbaruah)

Respectfully Submitted November 19, 2015
Jake Glower

For your calendar: Upcoming CoE Council Meetings
Thursday, December 10 – Dolve 215