

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

Wednesday, October 31st, 2018, 12:00 – 1:00 PM, Dolve 215

Attending:

ME: Adam Gladen, Xiangfa Wu, Yan Zhang;

CEE: Dinesh Katti, Zhibin Lin, Kalpana Katti, Achintya Bezbaruah, Ravi K. Yellavajjala, Ying Huang, Wenjie Xia, Beena Ajmera;

ABEN: Halis Simsek, Dean Steele;

ECE: Michael Maassel, Jacob Glower, David Rogers, Qifeng Zhang, Di Wu;

CME: Todd Sirotiak, Huojun Yang, Yao Yu, Jerry Gao, Eric Asa;

IME: David Grewell, Om Yadav, Nita Yodo;

Dean of CoE: Michael Kessler

Assoc Dean of CoE: Scott Pryor

Engineering Librarian: Steve Jeffrey

CoE Director of Communications and Marketing: Kyle Bosch

Lunch: Cake, cookies, soft drinks and coffee were served during the meeting.

1. Call to Order (12:05). The meeting was called to order at 12:05 pm.

2. Approval of Minutes from Last Meeting

Dr. Maassel moved to approve the minutes and it was seconded by Dr. Wu. The meeting unanimously voted to accept the minutes.

3. Scholarships and Achievements

The following faculty were recognized for their scholarship/awards and/or funded proposals:

NDSU CoE Faculty	Scholarship or Funding Organization	Amount/Remarks
Om Yadav	Spencer G. and Carol A. Duin Endowed Fellowship	
Ying Huang	Timothy Welch and Donna LaQua-Welch Faculty Excellence Fellowship	
Kalpana Katti	Faculty Researcher of the Year	Senior
Zhibin Lin	Faculty Researcher of the Year	Junior
Dean Steele	Teacher of the Year	Senior
Dharmakeerthi Nawarathna	Teacher of the Year	Junior
Longeeshan Velmanickam	GRA of the Year	
Ashkan Eslaminejad	GTA of the Year	
Dong Cao	NSF	\$359,221 (3 years)
Scott Smith (NDSU PI) Mark McCourt (Co-PI) Na Gong (PI, South Alabama)	NSF	\$300,000 (3 years)
Zhibin Lin (PI) Bashir Khoda (Co-PI)	USDOT	\$300,000 (3 years)

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Zhibin Lin (PI)	USDOT	\$300,000 (3 years)
Ying Huang (PI)	USDOT	\$300,000 (3 years)
Dong Cao (PI)	Ford Motor Company	\$45,000 (3 years)
Dilpreet Bajwa (PI)	ND EPSCOR	\$60,000 (9 months)
Trung Le (PI) Mohammed Elbaz (Co-PI, Northwestern)	ND EPSCOR	\$40,000 (1 year)
Mijia Yang (PI) Jerry Gao (Co-PI)	ND EPSCOR	\$40,000 (1 year)
Ravi Yellavajjala (PI) Stephanie Day (Co-PI)	ND EPSCOR	\$10,000 (6 months)
Qifeng Zhang (PI)	ND EPSCOR	\$10,000 (6 months)
Adam Gladen (PI)	ND EPSCOR	\$10,000 (6 months)
Nita Yodo (PI) Bashir Khoda (Co-PI)	ND EPSCOR	\$10,000 (6 months)
Huojun Yang (PI)	ND EPSCOR	\$10,000 (6 months)
Jerry Gao (PI)	ND EPSCOR	\$10,000 (6 months)
Di Wu (PI)	ND EPSCOR	\$10,000 (6 months)
Yao Yu (PI) Mijia Yang (Co-PI)	ND EPSCOR	\$10,000 (6 months)
Danling Wang (PI) Qifeng Zhang (Co-PI) Steven Qian (Co-PI, Pharmacy)	ND EPSCOR	\$10,000 (6 months)
Kenneth Hellevang (Co-PI)	ND EPSCOR	\$8,998 (6 months)
Dong Cao Yanchao Li and Xiaofeng Lyu	Best Paper (2 nd Place)	2018 IEEE Journal of Emerging and Selected Topics in Power Electronics

4. Reports from the University Senate Executive Committee and Senate

Dr. D. Katti (University Senate) informed the gathering that Policy 352 and its alignment with General Education is still being discussed.

5. College and University Committee Reports/Announcements

Dr. Steele explained the process used for course approval to us. Faculty are to contact our respective department representatives if we have any question. He also informed us that ME 740 has been approved by the academic affairs committee, whereas other courses and the Biomedical Engineering program are still under consideration. According to Dr. Karami, the PT&E committee has received 6 applications – five are for promotion and one is for promotion and tenure.

The research committee are to elect a new chair in their next meeting. Other committees did not present any information.

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6. NDSU Center for Writers

The director, Enrico Sassi and the Engineering Graduate Consultant Andrew Taylor made presentations to us on their activities. They encouraged faculty to ask their graduate students to register for ENGL 752 when it is offered. The center works with graduate students on a one-to-one basis to help them with their writing. It also works with faculty during the preparation of grant proposals.

7. Engineering Grand Challenge Scholars

The program started with 30 universities but has now grown to about 100. The next program of students are to be recruited from the freshmen class and an induction session will be held on November. The program's emphasis is on research and it needs new faculty.

8. Announcements by the Dean

8.1. Dean Michael Kessler: Dean Kessler indicated that it was inspiring to attend the Grand Challenge Program. A summary of other items discussed by the dean are:

Strategic Planning – four big goals have been identified; action teams have been formed to work on them and metrics will be collected for the next 2+ years;

Distinguished Lecture – Dr. Roger V. Gonzalez will give a presentation on “Engineering Leadership – Diversifying Engineering Graduates” on November 27th, 2018.

November 15th, 2018 Event - There will be a formal recognition of the Duin Endowed Fellowship and Welch Faculty Fellowship which were awarded to Professor Om Yadav and Ying Huang, respectively on this date.

ABET Accreditation – Overall the ABET accreditation visit was successful and weaknesses would be addressed.

Faculty Searches – Dr. Chad Ulven is in charge of a tenure-track search for an entrepreneurship and innovation professor. In the case of the entrepreneurship professor, the college will hire the best person and the faculty who will be hired will then choose his/her tenure home. The college requested for ten positions but we were only allowed to move on with the top three assistant professor positions because of the budget shortfall. The three searches will start as soon as possible.

Salary Increases – Salary increases are still in doubt. SBHE has proposed a 4% salary increase but it is still under review.

9. Adjournment (1:00 PM).

The meeting adjourned at 12:55 pm.