

North Dakota State University

Faculty Council Meeting
Wednesday, April 7, 3:00pm on Zoom
Agenda

Attending

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

ABEN: Kenneth J. Hellevang, Zhulu Lin,

CEE: Xuefeng (Micheal) Chu, Dinesh R. Katti, Wei Lin, Zhibin Lin, Trung B. Le, Ravi K. Yellavajjala

CS: Anne Denton, Simone Ludwig, Jeremy Straub

CME: Zhili 'Jerry' Gao, Abdulaziz Banawi

ECE: Jacob Glower, Michael Maassel, Danling Wang, Qifeng Zhang

IME: Kambiz Farahmand, Trung (Tim) Le

ME: Alan Kallmeyer, Ali Amiri, Fardad Azarmi, Jordi Estevadeordal, Ghodrat Karami, Robert Pieri, Chad Ulven, Yan Zhang

1. Call to Order

The meeting was called to order at 3:02pm

2. Approval of Minutes

Motion to approve the March minutes (Farahmand / Pieri). Motion passed

4. Announcements

(Kessler): Several staff in CoE will be leaving to take job opportunities elsewhere. They will be missed.

There are still some ongoing faculty searches in CoE. One is in CME and three in ECE.

Huron Consulting will be wrapping up their analysis and report. One of the outcomes will be a "cost to educate" model. This looks at what it costs to offer a program and how much revenue that program brings in through tuition. This "cost to educate" model will be one of the key outcomes of this report and may be used in deciding how best to deal with our budget constraints. Overall, CoE looks good with this model.

3. Changes to CoE Promotion, Tenure, & Evaluation document

Dr. Farahmand presented changes to the CoE PT&E document. Each section was presented and voted on.

1. Table of Contents (page 1): Dr. Gao suggested that the title should Promotion, Tenure and Evaluation to be consistent with the name of the document (PT&E). Motion to accept the changes to the table of contents (Farahmand / Karami). Motion passed 20-1-1 (for-against-abstain).

2. Section 3: CoE PTE Philosophy. Include bullet 4. Collegiality under the qualities of a scholar. Motion to accept (Farahmand / Karami). Discussion confirming that the definition will be deleted from section 4 and placed instead in section 3. Motion passed with 91% for.

3. Modification to Section 6.b Research. Modification the wording to say "significant and impactful accomplishments (page 7). Some discussion questioning whether the new wording was an improvement over the previous wording. Motion to approve (Farahmand / Karami). Motion failed 10-11-4 (for-against-abstain).

4. Addition of items to Supporting Evidence of Section 6.3.b. Motion to accept (Farahmand / Karami). Some discussion commenced questioning whether listing specific items to be considered made the document more or less versatile. Questions on what constitutes national or international leadership were also raised. Motion passed 53% for, 33% against, 13% abstain.

5. Adding a subsection for Early Promotion (Section-7 Procedures). Motion to approve (Farahmand / Karami). Discussion followed questioning why we won't allow someone who meets all criteria for promotion save being at the current rank for three years to be promoted. Motion passed 64% for, 36% against, 0% abstain.

6. Add one subsection for CoE PTE Member Voting Rights: Professors of Practice and Research Professors. Motion to accept (Farahmand / Karami). Discussion followed relating to who would evaluate a Professor of Practice. Motion approved with 83% for, 13% against, 4% abstain.

7. Add another subsection for CoE PTE Member Voting Rights: CoE PTE Member Voting and Deliberation Rights. Motion to approve (Farahmand / Karami). Motion passed with 70% for, 25% against, 5% abstain.

4. Announcements (take 2)

(Bosch): Grant awards for this month include

- Nurun Nahar and Mijia Yang: \$52,316 from the ND Corn Utilization Council to study a corn-based construction material to replace cement.
- Long Jiang: \$56,383 from Cotton Incorporated for research on using cottonseed oil for 3D printing and other applications.
- Ravi Kiran Yellavajjala: \$535,141 CAREER award from the National Science Foundation.

5. Committee Announcements/Reports

College Executive Committee (Lin):

- The CoE presiding officer will be Jacob Glower
- CoE Secretary will be Trung Le (CEE)
- Xiangfa Wu will be a new Senator from CoE

- As a reminder, each standing committee in CoE should (shall) meet in the spring to elect the committee's chair. The chair serves on the CoE Executive Committee.

College PT&E Committee

no report other than changes to the bylaws which were already voted on

Academic Affairs (Lin): On March 12 and 26th, the following were reviewed and approved:

- 11 Program Changes
 - BSMCE Mechanical Engineering
 - BSCPRE Computer Engineering
 - BSIEM Industrial Engineering and Management
 - BSMNE Manufacturing Engineering
 - Minor in Industrial Engineering and Management
 - Minor in Manufacturing Engineering
 - BS Computer Science
 - BS & Ph.D. Computer Science
 - MS and Ph.D. Software Engineering
- 11 Course Changes
 - CSCI 114 Computer Applications
 - CSCI 313 Software Development with Framework
 - CSCI 473 Foundations of the Digital Enterprise
 - ECE 306 Electrical Engineering Lab I
 - ECE 425 Introduction to Semiconductor Devices
 - Hist 311 History of Technology
 - IME 430 Process Engineering
 - IME 440 Engineering Economy
 - IME 435 Plastic and Polymer Processing in Manufacturing
 - ME 476 mechatronics
 - ME 412 Engineering Measurement
- 7 New Courses
 - BME 220 Introduction to Biomedical Engineering
 - CE 738 Deep Learning for Engineers
 - CSCI 405/605 Software Architecture and Design
 - ECE 426 Nanoelectronics
 - IME 775 Data-Driven Sensor-Based Modeling
 - ME 467/667 Basic Principles of Unmanned Vehicles
- Reminder: Teaching awards nominations are due by April 16th (Friday). These include
 - Excellence in Teaching (6+ years at NDSU)
 - Early Career Teaching Excellence
 - Graduate Teaching Assistant of the Year

College Research and Graduate Committee: (Lin)

- The deadline for the CoE Research Awards Submission (April 16, 2021)

Faculty Senate (Pieri): Dr. Pieri discussed some the issues raised at the Faculty Senate.

6. Old Business

none

7. New Business

none

8. Adjournment

The meeting was adjourned at 4:17pm

Respectfully submitted

Jacob Glower

April 7, 2021