

College of Engineering

North Dakota State University

Faculty Council Meeting

Wednesday, March 11, 2020, 3:00 – 4:00 PM, FLC 124

Attending:

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

ABEN: Zhule Lin, Dean Steele

CEE: Xeufeng (Michael) Chu, Dinish Katti, Wei Lin, Zhibin Lin, Amiy Varma, Wenjie Xia, Mijia Yang

CS: Anne Denton, Simone Ludwig, Saeed Salem, Pratap Kotala

CME: Abdulaziz Banawi

ECE: Ivan Lima, Dali Sun, Qifeng Zhang, Jacob Glower

IME: Yiwen Xu

ME: Adam Fladen, Robert Pieri, Majura Selekwa

1. Call to Order: 3:05pm

Check Quorum: Approval of minutes postponed until there was one representative from each department

2. Approval of Minutes from Last Meeting

postponed until later in the meeting

3. Announcements

Dean Kessler:

- **Corona Virus:** International travel has been suspended at NDSU until March 31st. This has resulted in the Study Abroad trip to Germany and then Ireland to be canceled. Several universities have canceled face-to-face classes. This includes Harvard, University of Washington, Ohio State. Just this afternoon, Iowa State announced that March 23rd through April 3rd, all in-person instruction has moved to being on-line. University of Minnesota just announced that starting March 18th until at least April 1st, all five UM classes will be delivered on-line (again, no in-person classes).
- No announcements have been made for NDSU, but it is very likely. Likewise, we need to start preparing to switch our classes to being on-line delivery.
- Dean Kessler will start putting together a list of resources faculty could use for putting courses on-line. This includes
 - Zoom: A simple video-conferencing tool. The cost for zoom is \$75, which will be covered by the college. This will let you cover office hours, meetings, record lectures, etc. If you would like to use Zoom, please send an email to Melissa Kuntz saying you would like to use Zoom.
 - Blackboard Collaborate: This also lets you record lectures. There might be problems with Blackboard's servers being overloaded with all of the universities going on-line.

- *Please* be understanding and flexible when a student is sick. We don't want to force a student who is sick to feel they have no choice but to attend class or take a test.
- Lab Classes: We don't have a perfect answer as to what to do with lab classes if / when NDSU cancels in-person classes. One option is to have the TA run the lab, video tape the lab, and give the students the data for them to analyze. It's not perfect but that would be better than nothing.
- At this point, we don't know what we are going to do (stay open, cancel classes, close entirely).
- Homework: You can submit homework on Blackboard. Dr. Pieri has had good results from students turning in their homework on Blackboard. He suggests
 - Have the students take a photo of their homework,
 - Insert these photos into a word document, then
 - Submit the word document on Blackboard.
- Faculty searches are still on-going.

Kyle Bosch:

- How to Speak with Humans is an upcoming communications workshop for academics. Paul Sutter is an astrophysicist and will be talking about how to talk to lay-people. It's free and offered by RCA. The next College Happenings will have the registration link. The date is April 22 from 1:30 to 3:30pm
- NDSU Explore is coming up on April 22nd. This is the undergraduate research showcase. Registration is due by April 3rd. More details are available if you search "NDSU Explore"
- Research Connections is coming up on March 26th. This provides information on NSF Smart Connection Program.
- Grant Awards:
 - Kalpana and Dinesh R Katti. \$200,000 from the ND Department of Commerce for next generation solutions for bone regeneration.
 - Marjura Selekwa - \$142,142 from the DOD for Phase II development of a robotic vehicle for testing PPG coatings.
 - Benjamin Braaten, Ewumbua Monono, Xin (Rex) Sun - \$138,714 from John Deere for Phase 3 of the development of an RF sensing platform for grain detection.

Steve Jeffery:

- There are a couple of grants coming due by the end of March from NDSU Library. These are in the few thousand dollar range.
- The student organization is pushing for open educational resources (i.e. free on-line resources). There are several grants available at the end of March coming due. These are for adopting on-line resources and for alternate resources. Grants are for a few hundred dollars.

4. Elections

Nominations from the floor were taken. Each position had only one candidate.

Motion to elect the sole candidate for each of the positions (Glower / Pieri): Motion approved

Election of the sole candidate for each position: Approved with unanimous support.

The results of the elections are:

- University Senate: Zhibin Lin (CEE)
- University Senate: Majura Selekwa (ME)
- University Curriculum: Aimy Varma (CEE)
- University Budget: Jacob Glower (ECE)
- Univ General Ed (alt): Qifeng Zhang (ECE)
- Program Review: Mijia Yang (CEE)
- Program Review (alt): Jacob Glower (ECE)
- Tech and Inst Serv: Ivan Lima (ECE)

Non-Voting Position

- Parliamentarian: Jacob Glower (ECE)

5. Committee Reports

College Executive Committee (Lin):

- Dean Kessler is finishing his 3rd year at NDSU, meaning that a 3rd year review is called for by Policy 327. This committee will be finishing this review by the end of Spring 2020 semester. Please fill in the survey you will be receiving shortly - they will help the committee with its report. The committee consists of:
 - Ben Duncan, Interim Dean of Science and Math (Chair)
 - Kayla Dewey, Construction Management and Engineering
 - Kambiz Farahmand, Industrial and Manufacturing Engineering
 - Alan Kallmeyer, Mechanical Engineering
 - Wei Lin, Civil and Environmental Engineering
 - Dharmakeerthi Nawarathna, Electrical and Computer Engineering
 - Dean Steele, ABEN
 - Brian Slator, Computer Science
 - Emmy Vareberg, College of Engineering Advisory Board

College Academic Affairs Committee (Varma)

- March 20th is the last day you can put things into CourseLeaf for proposals for Fall 2020 courses.
- April 3rd is the deadline for submitting nominations for the CoE teaching awards

College Research and Graduate Committee

no report

College PT&E Committee (Pieri):

- Issues that the Provost brought up are being addressed.
- Department representatives will be presenting to their departments the proposed changes to Section VI: Promotion and Tenure in the CoE Bylaws
 - The first reading of these proposed changes will take place in the April CoE meeting
 - The second reading, discussion, and vote will take place in the May CoE meeting.
 - If passed, these changes will take effect in Fall 2020

University Senate Executive Committee (Pieri):

- SROI's are going away at the end of Spring 2020. After that, it will be "The Student Course Experience Survey" starting Fall 2020.
- Digital Measures is going away on March 14th. Please save your work before then because you may not be able to access it after March 14th.
- There is funding for open-access course material. Text book costs are actually going up faster than tuition.
- Summer School will now be called Summer Sessions. Issues such as salary are still being worked out.
- The Registrars Office plans on publishing the classes schedules for the entire year. This will help students plan their schedules. It also means departments will need to plan a year out for course offerings as well.

Other

2. Approval of Minutes from Last Meeting

Now that we have quorum, motion to approve minutes from the January 2020 (Pieri / Yang). Motion approved

6. New Business

Campus Space and Facilities (Selekwa):

- Chemistry and Geosciences Building will replace Dunbar. This building will connect to QBB with underground tunnels.
- Harris Hall will be demolished and a new building will be placed there.
- After that, next building scheduled will be the Engineering Building. The current proposal is for a \$70 million building with 200,000 square feet. This could change though.

7. Adjournment

The meeting was adjourned at 3:53pm

Respectfully Submitted

Jacob Glower
March 11, 2020

March 11, 2020