



COLLEGE OF ENGINEERING FACULTY MEETING
Minutes of
Tuesday, April 23, 2019
Gold Auditorium, Bioscience Center

Faculty Members Present: J. Abraham, B. Aksanli, T. Alves, A. Ashrafi, A. Bhalla, S. Bhattacharjee, J. Camacho, J. Chen, L. Demasi, A. Engin, T. Garcia, T. Garoma, S. Ghanipoor Machiani, M. Gupta, A. Jahangiri, T. Johnston, P. Katira, J. Katz, X. Liu, P. Lu, S. Manshadi, F. Miller, K. Moon, K. Morsi, B. Narang, D. Nguyen, E. Olevsky, Y. Ozturk, C. Paolini, R. Sabzehgar, J. Supernak, A. Szeto, Y. Teh, H. Töreyn, S. Venkataraman, W. Xu

Members Absent: A. Bani Younes, Z. Bayasi, R. Betancourt, R. Dowell, K. Huang, G. Jacobs, S. Kumar, K. May-Newman, C. Mi, T. Mitropoulos, S. Nagaraj, P. Naseradinmousavi, N. Nosseir, H. Nourollahi, S. Seshagiri, J. Valdes

Members Excused: A. Alimohammad (site visit), A. Beyene (site visit) C. Dykstra (event), S. Kassegne (site visit), A. Kinoshita (event), R. Kline (FERP), N. Mladenov (event), A. Plotkin (class), V. Ponce (FERP), M. Sarkar (site visit), S. Sharma (meeting), H. Tavakol (event), R. Tummala (FERP), M. Verbyla (event), K. Wood (site visit), G. Youssef (meeting)

Staff Member Present: K. Carinder, M. Morihiro

Guest: Alex Mora, 2004 ME, CEO of Formula Plastics

Dean Olevsky expressed his gratitude to the Search Committee and everyone for their support and then called the meeting to order at 11:05 am.

1) Announcement & Updates

- A) Kate Carinder, Senior Director of Development for Engineering, talked about a \$50,000 endowed scholarship donated by Alex Mora, 2004 ME, CEO of Formula Plastics, located in Tecate, Baja.
- B) Mr. Mora then gave a talk expressing his gratitude to the Engineering teachers and talked about how the College of Engineering looks so much better. A lack of engineers in his business motivated him to make the donation. Mr. Mora talked about other philanthropic activities of his family in Mexico.
- C) Dean Olevsky introduced the new Engineering staff member, Elisa East, Troops to Engineers Coordinator. He also provided an update on the Engineering Faculty Searches: (7) new faculty members were hired this year; and 53% of the T/TT faculty were hired in last five years.

2) College Statistics

Dean Olevsky covered the following College Statistics:

- A) Student to Faculty ratio from 2012 through now has gone up from 50 to 65, reaching a peak of above 70 in 2018.

- B) Female students represent 19.6% of Engineering student population, which is the same as national average.
- C) 11.3% of the Engineering Faculty are currently female, but four new female Faculty will be joining this year, which will help the College catch up with the national average.

3) **Undergraduate Program**

Dean Olevsky provided the following updates:

- A) SDSU currently has a 36% graduation rate (freshman 4-year graduation) with a goal of 54% in 2025. For the CoE the numbers are 23.31% and 35% respectively. Dean Olevsky covered a number of initiatives to improve the graduation rate.
- B) Enrollment seems to be leveling out even though the freshmen enrollment number is growing rapidly, due to improved graduation rate.

4) **Research & Graduate Program**

Dean Olevsky provided the following Research & Graduate Program updates:

- A) Of all 23 CSU campuses, SDSU is by far the leader in obtaining sponsored program award dollars. In terms of Federal research dollars, SDSU will rank 5 among UC systems. The College research dollars went from \$6.1M to \$6.4M between December 2017 and December 2018. When normalized with number of Faculty it went from \$75K in 2009 to about \$110K in 2018. The research dollar statistics show that the newly hired Faculty have been consistently generating a great return on investment in terms of start-up dollars.
- B) 107 students have been in the JDP program since its inception. So far 57 students have graduated between 1990-2018. 27 new students have been accepted. The Dean expressed his concern regarding funding the students once the start-up dollars for some of the advisors run out.

5) **Community & Communication**

Dean Olevsky provided an update on the activities of the Femineer® program and its STEM outreach events.

6) **CoE Important Dates to Remember**

Dean Olevsky went through the list of CoE important dates to remember and announced that the Fall 2019 CoE Faculty & Staff Retreat will take place on August 22, 2019, further details to be e-mailed as the date approaches.

The meeting was adjourned at 12:00pm.

Minutes submitted by Dr. Subrata Bhattacharjee on April 23, 2019.