



COLLEGE OF ENGINEERING FACULTY MEETING
Minutes of
Tuesday, Feb 9, 2016 – 11:00am-12:00pm
Bioscience Center – Gold Auditorium

Faculty Members Present: J. Abraham, K. Akbari Hamed, A. Beyene, S. Bhattacharjee, L. Demasi, R. Dowell, T. Garcia, f. harris, K. Huang, P. Katira, J. Katz, A. Kinoshita, X. Liu, K. May-Newman, M. Mehrabadi, C. Mi, F. Miller, K. Moon, K. Morsi, B. Narang, P. Naserdinmousavi, A. Plotkin, R. Sabzehgar, J. Supernak, R. L. Tummala, T. Yang, G. Youssef

Members Absent: A. Ashrafi, I. Battiato, Z. Bayasi, R. Betancourt, F. Buyuksonmez, A. Engin, T. Garoma, R. German, S. Ghanipoor Machiani, M. Gupta, G. Jacobs, S. Kassegne, R. Kline, P. Kolen, S. Kumar, L. Lee, T. Mitropoulos, S. Nagaraj, N. Nosseir, E. Olevsky, Y. Ozturk, M. Ponce, M. Sarkar, S. Seshagiri, A. Szeto, J. Valdes, S. Venkataraman

Members Excused: A. Alimohammad (candidate interview), T. Alves (candidate interview), T. Johnston (teaching), J. Kennedy (teaching), N. Mladenov (teaching), S. Sharma (proposal), K. Walsh (SDSU Georgia)

Staff Members Present: M. Morihiro, C. Paolini

Guests Present: Dan Montoya, CoE Senior Director of Development (URAD), Leslie Schibsted, AVP, (URAD) and Amy Walling, AVP for Planned Giving and Estates (URAD)

Dean Mehrabadi called the meeting to order at 11:05 am.

1) **University Relations & Development (URAD)** - Leslie Schibsted, AVP, URAD and Amy Walling, AVP for Planned Giving and Estates, URAD, gave presentations on SDSU gifting and planning. Ms. Walling distributed a brochure titled Understanding Planned Giving. She spoke about Dr. Wilson from the Department of Electrical Engineering who left an estate of \$1.3 million for a scholarship for EE students. Ms. Schibsted announced and thanked Dean Mehrabadi for his contribution to the EIS complex. URAD is raising \$30M for the EIS Complex with \$4.7 million raised to date in gifts/pledges. The total activity is approximately \$11.9M at this point in time. There are 11 named spaces in the EIS Complex, and many more are available with some of the nicer opportunities going quickly. Dan Montoya, CoE Senior Director of Development, will be working with Faculty to show donors how the research activity in the College of Engineering is helping elevate the quality of education at SDSU. The Dean mentioned that approximately \$20M dollars were raised in the last 4 years.

2) **Approval of the Minutes from December 8, 2015 Meeting** - The Faculty in attendance for the meeting unanimously approved the December 8, 2015, CoE Faculty Meeting minutes.

3) **Faculty Searches Underway** - The Dean gave a brief update on the (9) ongoing Faculty/Staff searches: 1) AE Professor/Chair – (2) candidates chosen for phone interview; 2) AE Equipment Technician – applications still being accepted; 3) EnvE – SDSU campus interview taking place today and previous week; 4) ECE – (4) positions with phone interviews this week and next week and on-campus interviews to be coordinated; 5) ME Mobile Energy – (3) interviews scheduled for February; and 6) Professor/Associate Dean – (47) applications received and (6) phone interviews to take place on 2/8 & 2/10.

4) **ABET** – The Dean announced that the ABET Report draft has been received by the CoE and Programs are preparing their 30-day Response to ABET.

5) **120-Unit Rule Update** – The Dean spoke about the 120-Unit rule and noted that CSU Fullerton, Long Beach, Chico, San Bernardino, Humboldt and Sonoma use some combination of GE double count or waivers to satisfy the 120-unit rule requirement. The Dean shared a table of the number of units that the CoE Programs (AE, Civil, Construction, Computer, Electrical, Environmental, Mechanical & Mechanical with BioE Emphasis) can reduce their units by with double counting the American Institutions requirement.

6) **Engineering Students with 150+ Units** - Theresa Garcia provided an update on the status of graduation for the (62) Engineering students with 150+ units. (45) of the (62) students have applied for Spring or Summer 2016 Graduation, the remaining (17) have been identified and Theresa is trying to work with the students and Sandra Cook, VP, Academic Affairs – Enrollment, to help these students work towards graduating.

7) **Impaction Criteria for Engineering** - The Dean spoke about the current minimum GPA required to go from pre-majors to majors is 2.5, in addition to having a grade of C or better in Math 150, 151, Phys 195, 196, Chem 200, and AE/ME 200 (the 6 courses are slightly different for ECE and EnvE programs). The Department Chairs are to be working on the Department Curriculum to make it clear that courses that require a C for impaction criteria are listed clearly. The Dean has requested an increase of the minimum GPA to 2.7 in order to: 1) Enhance the quality of students and improve 4-year graduation rates; and 2) manage the CoE enrollment. The 2.7 GPA would not be retroactive.

8) **FTES Increase for Colleges** – The Dean presented a chart on the FTES Increase for SDSU Colleges and the CoE has had a 9.2% increase. Spring 2015 at same time last year was 1522 and Spring 2016 to date (2/8/2016) is 1663.

9) **Research and Graduate Studies Issues** – The Dean mentioned that: 1) each Program has to hit its enrollment targets. Engineering admits are drastically down as compared to the established targets; 2) trends in research funding are positive for the Campus and College; and 3) the Dean needs information from the Graduate Advisors on the thesis approval process for their Programs.

10) **Engineering Dean's Advisory Board** - The Dean informed the Faculty that the Board Members are interested to know how they can help the faculty. The Dean opened the discussion and the following suggestions were made: 1) Board could sponsor grader hours; 2) Money, space, and Faculty/Staff are in short supply and if the Board can help with any of these, that would be helpful; 3) Dr. Asfaw Beyene suggested \$50K for Wind Tunnel Facility; 4) Support for JDP Program; and 5) Start a fund for graduate program research that will support the students. The Dean mentioned that we are now included on the

list for top 25 institutions prioritized to receive support from Northrop Grumman (NG). NG is planning to build a state-of-the-art research facility in Southern California. After completion, interested faculty and graduate students could visit and conduct their research in that facility.

11) **Annual Activity Report (AAR)** - The Dean announced that almost all faculty completed the forms and that the Department Chairs can use the corresponding site to review the Reports. A request was made that conference papers presented by students should have its own input field.

12) **Engineering and Interdisciplinary Sciences Complex (EIS)** – The Dean provided a link to a live camera to check the progress of the EIS Complex: <http://130.191.35.82/live.htm>

13) **International & Other External Programs** – The Dean gave an update on the SDSU Georgia Program: A) Classes will begin in late February; B) There will be two cohorts of Georgian Faculty visiting SDSU every semester; and C) Recruiting is underway to attract second cohort of students.

14) **Other Business**

The Dean covered the following upcoming meetings:

- Spring 2016 Faculty Meetings – Tuesdays – 11:00am-12:00pm on Feb 9 & May 3
Bioscience Gold Auditorium
- In place of March and April CoE Faculty Meetings, the Dean will visit the Departments
- 2016 Engineering Design Day – Wednesday – 5/4/2016 – 1:30pm-3:30pm
Montezuma Hall, Aztec Student Union Center
- 2016 Engineering Senior Banquet – Thursday – 5/5/2016 – 5:30pm-7:30pm
Parma Payne Goodall Alumni Center

The meeting was adjourned at 12:10 PM.

Minutes submitted by Dr. Subrata Bhattacharjee on Dec 8, 2015