

COLLEGE OF ENGINEERING FACULTY & STAFF RETREAT MEETING
Minutes of Thursday, August 18, 2022
1:00pm-4:30pm

Faculty Members Present: Dr. E. Olevsky, Dr. J. Abraham, Dr. S. Adibi, Dr. Z. Ahmadabadi, Dr. R. Akhavian, Dr. B. Aksanli, Dr. T. Alves, Dr. A. Beyene, Dr. S. Bhattacharjee, Dr. J. Camacho, Dr. M. Capriotti, Dr. J. Chen, Dr. H. Davani, Dr. L. Demasi, Dr. C. Dykstra, Dr. A. Engin, Asst. Dean T. Garcia, Assoc. Dean T. Garoma, Dr. S. Ghanipoor-Machiani, Dr. M. Heydari Gharahcheshmeh, Dr. K. Huang, Dr. T. Huang, Dr. A. Jahangiri, Dr. J. Kang, Dr. S. Kassegne, Dr. J. Katz, Dr. H. Li, Dr. X. Liu, Dr. P. Lu, Dr. K. May-Newman, Dr. C. Mi, Dr. F. Miller, Dr. T. Mitropoulos, Dr. N. Mladenov, Dr. D. Nguyen, Assoc. Dean Y. Ozturk, Dr. S. Park, Dr. I. Sepulveda, Dr. S. Sharma, Dr. J. Supernak, Dr. H. Toreyin, Dr. E. Torresani, Dr. J. Valdes, Dr. S. Venkataraman, Dr. M. Verbyla, Dr. Q. Wang, Dr. J. Xie, Dr. W. Xu, Dr. Y. Yang, Dr. G. Youssef, Dr. D. Zhao.

Lecturers Present: H. Nourollahi, Dr. S. Shaffar.

Faculty Members Absent: Dr. A. Alimohammad, Dr. A. Ashrafi, Dr. A. Bani Younes, Dr. Z. Bayasi, Dr. A. Bhalla, Dr. R. Dowell, Dr. G. Jacobs, Dr. P. Katira, Dr. S. Kumar, Dr. M. Miletic, Dr. K. Moon, Dr. K. Morsi, Dr. S. Nagaraj, Dr. P. Naseradinmousavi, Dr. C. Paolini, Dr. V.M. Ponce, Dr. P. Popov, Dr. R. Sabzahgar, Dr. M. Sarkar, Dr. S. Seshagiri, Dr. Y. Teh.

Faculty Members Excused: Dr. G. Faraone, Dr. A. Kinoshita, Dr. S. Manshadi.

Staff Members Present: L. Aguirre-Oviedo, O. Balderas, N. Brokaw, K. Carinder, C. Gavaldon, D. Geiger, S. Hersherberger, M. Hughes, J. Imes, S. Jarin, A. Jensen, L. Johnson, C. Larkin, P. Leon, M. Lester, S. Meija, G. Morris, J. Palau, R. Pamintuan, M. Ramos, M. Sevilla, J. Smitherman, L. Topete, Dr. Y. Wu.

Staff Members Absent: P. Ahlers, M. Belay, A. Bouras, M. Bruno, K. Moua, D. Rosales, R. Shimasaki.

Staff Members Excused: N. Forbes-Celise, J. Lane, S. Lever, W. Nguyen.

Dean Olevsky called the meeting to order at 1:05pm.

1. Enrollment Management and SDSU's Trajectory top R1 Status Updates:

Provost Salvador Ochoa, Dean of Graduate Studies Tracy Love, VP for the Division of Research & Innovation Hala Madanat, provided the following updates:

- Salvador Ochoa provided updates in the following aspects of CoE: (1) college graduation rates; (2) student success advising; (3) research growth, e.g., 10.5M grants in the past year; (4) fundraising; (5) college growth including # of students and faculty; (6) diversity.
- Salvador Ochoa, Tracy Love & Hala Madanat talked about the following topics:
 - R1 as our university goal and plan, becoming a premier public research university: a new kind of HSI.
 - Student, faculty, research factors to become R1.
 - Carnegie classification of Institutions of Higher Education 2021 report update and explain the minimum requirement to become R1 as a university.
 - SDSU as R2 now and comparison with other R2 and R1 universities.
 - 10 factors of Carnegie ranking system: doctoral conferrals, research & development expenditures, 2022 data reporting of SDSU in the Carnegie category, Principal Component Analysis Loadings of SDSU and comparing with all the other universities in R1 and R2.

- Two possible scenarios for the next Carnegie review: increase R&D expenditures by 20%, same # of degree conferrals; increase 20% PhD degree conferrals.
- Q&As: question on JDP degree conferrals, both universities get the # counts; question on the independent PhD program's development progress updates; question on PhD student recruitment; suggestions to achieve 20% increase productivity and discussions on how to manage productivity and work loading, e.g., differentiated workload.

2. Peoplesoft Conversion Update:

Senior AVP & Deputy CIO James Frazee & Support Team, provided the following updates:

- My.SDSU Training & Support Team introduction.
- My.SDSU to replace Webportal's functionality, the transition will be on 10/10/2022.
- Communication ways for this transition, including emails, workshops, and other various IT support, etc. training materials will be available on my.sdsu.edu website.

3. State of the College Presentation Update:

Dean Olefsky, provided the following updates:

- Faculty Recognitions: Dr. Janusz Supernak, Chair of CCEE has entered early retirement program; Dr. Chris Mi, previous Chair of ECE.
- Introduction of new faculty and staff: Dr. Satish Kumamoto Sharma as new interim ECE Chair, Dr. Dongye Zhao as new Chair of CCEE, Dr. Nanyang Li as new assistant professor of CCEE; Dr. Tong Huang as new assistant professor of ECE; Dr. Sara Adibi as new assistant professor of ME; Dr. Maysam Heydari Gharahcheshmeh as new assistant professor of ME; Liza Aguire-Oviedo, Monica Hughes, Leviticus Johnson, Luis Topete, Priscilla Leon, Milagro Ramos are new staff members of CoE.
- T/TT faculty update: expected to reach 72 T/TT members in the 22/23 academic year; update on the # of T/TT faculty by departments, update on engineering T/TT faculty for leading R1 institutions without medical schools.
- Update on CoE instructional budget in the past 4 years.
- Update on 4-year and 6-year graduation rates in the past 4 years.
- Update on research awards to SDSU engineering faculty, which have been increasing over the past 10 years.
- Update on the JDP enrollment of CoE, tend to stabilize at a # of 60+.
- Update on community programs, including MESA, T2E.
- Assistant Dean Teresa Garcia as the DEI committee member updated on the DEI plans.
- Update on the college communications in the past year and plans for the next year, such as various types of social media.
- Development and fundraising updates by Kate Carinder, Sr. Director of Development for Engineering.
- CoE Constitution and Bylaws updated by Julio Valdes.

Break (3:09-3:20pm)

4. State of Graduate Studies & Research Update:

Associate Dean Temesgen Garoma, provided the following updates:

- FY22 research updates about # of proposal submission, # of awards, \$ of awards, \$ of awards per T/TT; the update on the breakdown values in terms of department over the past 3 years; update on the # T/TT with one or more awards in FY20-22.
- Update on the DRI research advancement services & programs, including workshops, proposal development services, and other several services (e.g., TIG, Hanover).
- Update on disclosures, Patents of CoE vs. other colleges in the university.
- Update on h-index of Scopes group in terms of departments.
- JDP program update: # enrollment is anticipated to be 62 by Fall 2022.
- Tuition Fee Contribution (JDP students) update.
- JDP stipend and health insurance update.
- Master's Programs update.

- Questions and discussion on TA positions in CoE.

5. State of Undergraduate Studies Update:

Associate Dean Yusuf Ozturk, provided the following updates:

- Enrollment and graduation trends in the past few years.
- Fall 2022 enrollment, graduations, admission update.
- Graduate writing assessment requirement, GVAR of CSU system.
- Update on the college graduation rates.
- Achievement GAP metrics updates. For example, there is a GAP of 4- and 6-year graduation rate of URM vs non-URM students, about ~7-8%, which needs to be improved. Other parameters such as GPA and DFW% regarding the achievement GAP metrics.

6. Center of Student and Outreach Programs Update:

Assistant Dean Teresa Garcia, provided the following updates:

- Update on the concept map of student success and outreach.
- Update on outreach initiatives and supports for faculty's outreach efforts.
- Update on tutor positions.
- Update on the advising efforts.
- Open House of CSSE on 9/20/2022.

7. CESC Presentation:

CESC President Tito Hernandez, provided the following updates:

- Overview of goals of last year.
- Updates on the club achievements, such as Aztec Baja, Rocket Project, AER, Mechatronics, ASCE/Concrete Canoe, Networking Orgs. Also, some issues of the student club achievement, e.g., funding issue.
- Overview of goals of next year 22/23: internships/career development, research opportunities, etc.
- Update on the Department Discord Servers, and potential plans with more development opportunities.
- Update on club events in the next semester.
- Website: linktr.ee/cescsdsu

8. 2022-23 CoE Committee Elections:

- Re-election of Julio Valdes as the Parliament of CoE.

9. Approval CoE Faculty Meeting Minutes

The 4/26/2022 CoE faculty meeting minutes were approved at 4:45 pm.

Dr. Karen May-Newman motioned to adjourn the meeting and Dr. Natalie Mladenov seconded the motion, and Dean Olevsky adjourned the meeting at 4:35 pm.

Minutes draft submitted by Dr. Wenwu Xu, 8/29/2022.