



SAN DIEGO STATE  
UNIVERSITY

**COLLEGE OF ENGINEERING**

**STAFF MEETING**

OCTOBER 10, 2019

# AGENDA



SAN DIEGO STATE  
UNIVERSITY

College of Engineering

- Call to Order
  
- Announcements & Updates
  - Engineering Development Update
    - Kate Carinder – Senior Director of Development, CoE
  - Engineering Staff Update
  - Update on Faculty Searches
  
- State of the College
  - College Budget Update
  - Undergraduate Program Update
  - Research & Graduate Program Update
  - University & CoE Diversity, Equity & Inclusion Update
  - Important Dates to Remember
  
- Other Business
  
- Round table
  
- Adjournment



SAN DIEGO STATE  
UNIVERSITY

College of Engineering

---

# ANNOUNCEMENTS & UPDATES

---

# DEVELOPMENT UPDATE

---



SAN DIEGO STATE  
UNIVERSITY

- Development Goal FY19-20 - \$4M
- Priorities
  - Faculty Support
  - Fellowships
  - Student Org/Senior Project Support
  - Scholarship
- Development Referral Card
- Invitation to Give
- Gift Announcements

*Congratulations!*  
*With your help we raised*  
**\$6,110,719**  
*for the College in the*  
*2018-2019 fiscal year!*

# ENGINEERING STAFF UPDATES



SAN DIEGO STATE  
UNIVERSITY

College of Engineering



## **Bianca Avina**

B.A., Sociology, San Diego State University

Previous Position:

Program Coordinator for ONR Funded Project ANSWER

## **Position**

School Programs Manager, Femineer® Program



## **Lance Rallof**

B.A. (Liberal Arts & Sciences), Geography, San Diego State University

## **Position**

Program Coordinator for ONR Funded Project ANSWER  
(Advancing Naval STEM Workforce Through Education and Research)

# FACULTY SEARCHES FOR 2020 - 21



SAN DIEGO STATE  
UNIVERSITY

College of Engineering

Department	Position Area	Level	VPAA #
AE	Aerospace Engineering Design	Assistant	2020/21-18
CCEE	Sustainable Infrastructure Engineering	Assistant	2020/21-17
ECE	Digital Signal Processing	Assistant	2020/21-15
ME	Robotics & Control	Assistant	2020/21-16
Dean's Office	Assoc. Dean for Undergraduate Studies	Full	2020/21-58
Dean's Office	Assoc. Dean for Graduate Studies	Full	SDSU Internal



SAN DIEGO STATE  
UNIVERSITY  

---

College of Engineering

---

# STATE OF THE COLLEGE

---



SAN DIEGO STATE  
UNIVERSITY

College of Engineering

---

# COLLEGE BUDGET UPDATE

---

# 2019/20 INSTRUCTIONAL BUDGET



SAN DIEGO STATE UNIVERSITY

College of Engineering

T/TT & Ferp Salaries [1]		Lecturer Salaries [1]		TA Salaries		GA Salaries [3]		ISA's (graders) [4,5]		Start Up TA/GA Support [6]	
COE		COE		COE [2]	\$358,884	COE		COE (MEP)	\$8,876	COE	
AE	\$1,076,980	AE	\$79,660	AE	\$29,381	AE		AE	\$17,248	AE	\$127,080
CCEE	\$1,487,336	CCEE	\$376,854	CCEE	\$1,933	CCEE	\$30,366	CCEE	\$36,512	CCEE	\$267,584
ECE	\$2,057,954	ECE	\$252,241	ECE	\$32,197	ECE	\$18,184	ECE	\$36,992	ECE	\$192,893
ME	\$1,771,672	ME	\$430,683	ME	\$11,568	ME		ME	\$76,160	ME	\$331,240
<b>Total</b>	<b>\$6,393,942</b>	<b>Total</b>	<b>\$1,139,438</b>	<b>Total</b>	<b>\$433,963</b>	<b>Total</b>	<b>\$48,550</b>	<b>Total</b>	<b>\$175,788</b>	<b>Total</b>	<b>\$918,797</b>

Budget Allocation from AA [7]	\$11,100,518
AY Salaries	(\$8,191,681)
July/August 2019 Salaries	(\$1,394,102)
Summer Salaries	(\$383,196)
Start Up TA/GA Support	(\$918,797)
<b>Balance [8,9]</b>	<b>\$212,742</b>

## Key

COE - College of Engineering Dean's Office (includes JDP Program)

AE - Aerospace Engineering

CCEE - Civil, Construction & Environmental Engineering

ECE - Electrical & Computer Engineering

ME - Mechanical Engineering

[1] Includes the 2.5% raise effective 7/1/19

[2] These are the JDP TA's

[3] All GA's are paid using start up funds

[4] Doesn't include the JDP Hours allocated as they are listed in the TA category

[5] Includes Fall Only

[6] Amount that has yet to be spent and will not all be spent this academic year

[7] As of 10/4/2019 - pulled from 7/29/19 Top-to-Bottom report from AA + known revenues not listed

[8] Will need to cover Spring ISA's & any additional spring hires not accounted for as of 10/4/19

[9] We are expecting more revenues due to Spring FTES and student demand funding

# 2019/20 OPERATIONAL BUDGET



SAN DIEGO STATE UNIVERSITY

College of Engineering

General Operations [1]		Open University [3]		Equipment		Renovations [4]		Start Up Funds [5]		Centers/Awards	
COE [2]	\$264,391	COE	\$31,000	COE		COE	\$2,942,190	COE		COE [6]	\$172,153
AE	\$18,162	AE	\$39,953	AE		AE		AE	\$352,843	AE [7]	\$2,700
CCEE	\$9,788	CCEE	\$23,818	CCEE		CCEE		CCEE	\$811,805	CCEE [8]	\$11,062
ECE	\$13,714	ECE	\$47,299	ECE		ECE		ECE	\$394,973	ECE [9]	\$74,584
ME	\$9,380	ME	\$37,785	ME		ME		ME	\$1,181,711	ME [10]	\$31,559
<b>Total</b>	<b>\$315,435</b>	<b>Total</b>	<b>\$179,855</b>	<b>Total</b>	<b>\$0</b>	<b>Total</b>	<b>\$2,942,190</b>	<b>Total</b>	<b>\$2,741,332</b>	<b>Total</b>	<b>\$292,058</b>
Budget Allocation from AA [11,12]		\$6,641,637									
General Operations		(\$315,435)									
Open University		(\$179,855)									
Equipment		\$0									
Renovations		(\$2,942,190)									
Start Up Funds		(\$2,741,332)									
Centers/Awards		(\$292,058)									
Balance [13]		\$170,767									
Key											
COE - College of Engineering Dean's Office (includes JDP Program)								[12] Breakdown of Allocation			
AE - Aerospace Engineering								Carryforward from 18/19		\$2,119,650	
CCEE - Civil, Construction & Environmental Engineering								General Operations Alloc		\$112,500	
ECE - Electrical & Computer Engineering								19/20 Equipment Alloc		\$1,500,000	
ME - Mechanical Engineering								19/20 Start Up Funds		\$1,259,487	
[1] Phones, computer network costs, postage, etc.								Renovation Funds		\$1,650,000	
[2] Besides the above this also includes supplies, hardware maintenance, faculty search ads, software renewal costs, EMS Facility Usage, SA's for help desk, IT supplies								Total		\$6,641,637	
[3] Carryforward only Fall & Spring still to come											
[4] Estimates included - Renos associated with faculty from all departments so listed it all under COE											
[5] Includes new 2019/2020 start ups and remaining start up commitments from previous years											
[6] One time funds received from Provost to support CSSE											
[7] Includes Summer Undergrad Program											
[8] Includes Summer Undergrad Program											
[9] Includes Smart Health Institute, Summer Undergrad Program, SEC Funding											
[10] Includes Sustainable Energy Center, Summer Undergrad Program											
[11] As of 10/4/19 - pulled from AA Budget report + addtl known transfers											
[13] This will be needed to cover the JDP Invoice from UCSD											



SAN DIEGO STATE  
UNIVERSITY

College of Engineering

---

# UNDERGRADUATE PROGRAM UPDATE

---

# SDSU FRESHMEN ENROLLMENT TRENDS



SAN DIEGO STATE  
UNIVERSITY  
College of Engineering

## Fall 2019 First-time Freshman

2019	Apps	Admits	Intent	Admits/Appl	Intent/Admits
CAL	6838	2574	531	38%	21%
BUS	10412	3744	893	36%	24%
ED	1467	453	145	31%	32%
ENG	6860	3201	636	47%	20%
HHS	10793	2270	712	21%	31%
PSFA	8378	2555	718	30%	28%
SCI	19508	6715	1088	34%	16%
SDSU	69733	23704	5304	34%	22%

## Fall 2018 First-time Freshman

2018	Apps	Admits	Intent	Admits/Appl	Intent/Admits
CAL	6639	2202	434	33%	20%
BUS	10253	3894	1028	38%	26%
ED	1568	429	126	27%	29%
ENG	6968	3325	805	48%	24%
HHS	10562	2308	795	22%	34%
PSFA	8240	2416	725	29%	30%
SCI	18649	6773	1169	36%	17%
SDSU	68903	23684	5747	34%	24%



SAN DIEGO STATE  
UNIVERSITY

College of Engineering

---

# RESEARCH & GRADUATE PROGRAM UPDATE

---

# RESEARCH AWARDS TO ENGINEERING PIs



SAN DIEGO STATE  
UNIVERSITY  
College of Engineering

## Total Dollars Awarded to Engineering Faculty

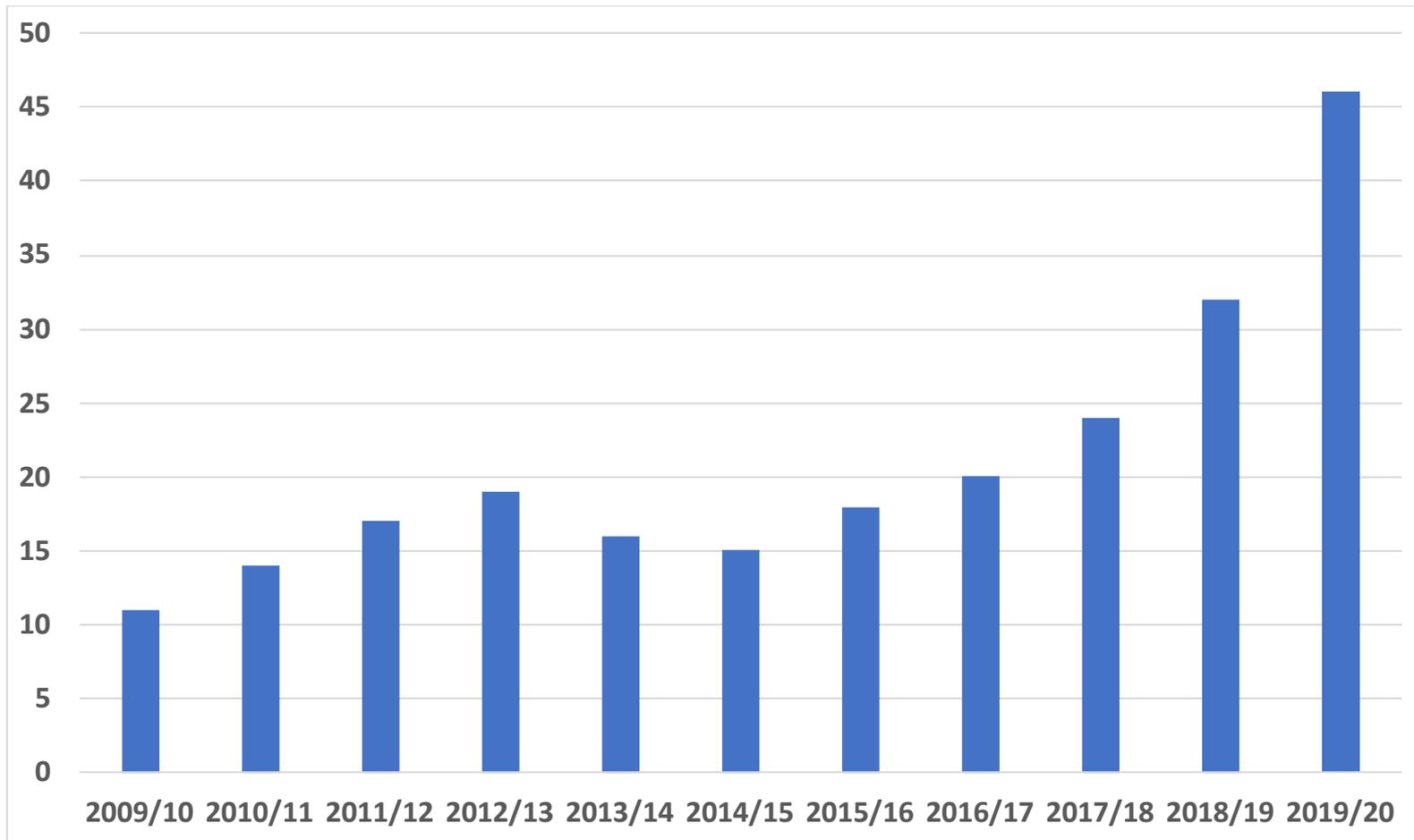
	10/01/2017 to 09/30/2018			10/01/2018 to 09/30/2019			Total Dollars Awarded
Dept.	Total Dollars Awarded	Total Number of Awards	Number of PIs with Awards	Total Dollars Awarded	Total Number of Awards	Number of PIs with Awards	Change (%)
AE	\$713,245	7	3	\$1,033,092	14.34	5	44.8
CCEE	\$2,226,561	17.17	7	\$1,754,230	16	9	-21.2
ECE	\$1,609,373	20	9	\$2,112,861	17	9	31.3
ME	\$2,430,056	22.4	12	\$4,431,841	29.25	13	82.4
<b>TOTAL</b>	<b>\$6,979,235</b>	<b>66.57</b>	<b>31</b>	<b>\$9,332,024</b>	<b>76.59</b>	<b>36</b>	<b>33.7</b>

# JDP UPDATES



SAN DIEGO STATE  
UNIVERSITY

College of Engineering



# MS PROGRAMS UPDATES



SAN DIEGO STATE  
UNIVERSITY

College of Engineering

## Total Enrollment

Master of Science Degrees in	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
Aerospace Engineering	37	32	32	33	30
Civil Engineering	83	72	60	60	59
Electrical and Computer Engineering	208	145	105	77	75
Mechanical Engineering	72	83	66	61	61
<b>TOTAL</b>	<b>400</b>	<b>332</b>	<b>263</b>	<b>231</b>	<b>225</b>



SAN DIEGO STATE  
UNIVERSITY

College of Engineering

---

# UNIVERSITY PLAN FOR DIVERSITY, EQUITY & INCLUSION

---

# UNIVERSITY PLAN FOR DIVERSITY, EQUITY & INCLUSION



SAN DIEGO STATE  
UNIVERSITY

College of Engineering

**DRAFT**

7/8/19



SAN DIEGO STATE  
UNIVERSITY

## One Comprehensive Strategic Plan for SDSU Strategic Plan + DEI Plan

### SENATE Mandated Unit Diversity Plans

- Step 1 • Form a Diversity & Inclusion Committee to Create the Plan
- Step 2 • Prepare to Develop a Unit Diversity & Inclusion Statement
- Step 3 • Prepare for Environmental Assessment
- Step 4 • Collective Sensemaking
- Step 5 • Establish Goals and Objectives [D/C/A only]
- Step 6 • Identify Interventions and Strategies
- Step 7 • Submit the Plan
- Step 8 • Evaluation and Continuous Improvement

# CoE - DIVERSITY, EQUITY & INCLUSION COUNCIL



SAN DIEGO STATE  
UNIVERSITY

College of Engineering

## Committee Function:

The Diversity, Equity & Inclusion Council shall work with each CoE Department on the development of their Diversity & Equity Plan.

## Committee Membership:

Chair of the Council shall be a Diversity Liaison elected by the Council at the beginning of each academic year. Members consist of (2) CoE Diversity Liaisons, (1) tenured or tenure/track faculty member from each Department, (1) full-time lecturer, (1) staff member, (1) graduate student, and (1) undergraduate student. The terms of the service committee members who are not students shall be two years, with no limit to the number of consecutive terms served. The terms of service for student committee members may be one or two years. This committee and structure was approved at the 8/7/2019 Executive Committee Meeting.

# CoE - DIVERSITY, EQUITY & INCLUSION COUNCIL (MEMBERS)



SAN DIEGO STATE  
UNIVERSITY

College of Engineering

## Diversity Liaisons

- Dr. Mahasweta Sarkar (ECE) - Chair
- Theresa M. Garcia (Asst. Dean of Student Affairs)

## Tenure/Tenure-Track Faculty

- Dr. Gustaaf Jacobs (AE)
- Dr. Thais Alves (CCEE)
- Dr. Joaquin Camacho (ME)

## Full-Time Lecturer

- Dr. Parisa Kaveh (ECE)

## Staff Member

- Michelle Bunn, Femineer® & STEM Outreach

## Graduate Student

- Maricruz Carillo

## Undergraduate Student

- Olivia DiSanto (CESC President 2019-20)
- Sheridan Irvine (CESC VP of Programming 2019-20; CESC President's Designee)

# FALL 2019

## CoE IMPORTANT DATES TO REMEMBER

---



SAN DIEGO STATE  
UNIVERSITY

- **Oct 23, 2019 (Wed)** – 8:00am-4:30pm – **Provost Ochoa CoE Visit** – Bioscience Gold Auditorium
- **Nov 15, 2019 (Fri)** – 8:30am-1:00pm – **Engineering Dean’s Advisory Board Mtg** – Templo Mayor Conf. Room, Aztec Student Union
- **Dec 3, 2019 (Tue)** – 11:00am-12:00pm – **CoE Faculty Mtg** – Bioscience Gold Auditorium
- **Dec 5, 2019 (Thu)** – 1:30pm-2:30pm – **CoE Staff Mtg** – Engineering Dean’s Conf. Room
- **Dec 10, 2019 (Tue)** – 11:30am-1:00pm – **CoE Holiday Luncheon** – Cuicacalli Suites, The Garden
- **May 6, 2020 (Wed)** – 8:30am-1:00pm – **Engineering Dean’s Advisory Board Mtg** – Templo Mayor Conf. Room, Aztec Student Union
- **May 6, 2020 (Wed)** – 1:30pm-4:00pm – **2020 Engineering Design Day** – Montezuma Hall



# OTHER BUSINESS

---

- Other Business?
- Round table



SAN DIEGO STATE  
UNIVERSITY

---

College of Engineering

---

**THANK YOU!**

---