



SAN DIEGO STATE  
UNIVERSITY

# COLLEGE OF ENGINEERING

## FACULTY MEETING

APRIL 13, 2021

# AGENDA



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- ☐ **Call to Order**
  - ☐ **Faculty Secretary present for minutes?**
- ☐ **Announcements & Updates**
  - ☐ **Engineering Administration Updates**
  - ☐ **Engineering Development Update**
    - **Kate Carinder – Senior Director of Development, CoE**
- ☐ **State of the College**
  - ☐ **College Personnel and Infrastructure Update**
  - ☐ **Building A Update**
  - ☐ **Research & Graduate Program Update**
  - ☐ **Undergraduate Program Update**
  - ☐ **Community & Communication**
  - ☐ **Update on DEI Council**
  - ☐ **Update on Constitution & Bylaws**
  - ☐ **Important Dates to Remember**
- ☐ **Other Business**
  - ☐ **Approval of 2/16/21 CoE Faculty Meeting Minutes**
- ☐ **Adjournment**



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# ANNOUNCEMENTS & UPDATES

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A portrait of Dr. David A. Clark, a middle-aged man with glasses, wearing a dark suit, white shirt, and blue patterned tie. He is smiling slightly and looking towards the camera.

**Dr. Yusuf Ozturk**  
Associate Dean for Undergraduate Studies

# DEVELOPMENT UPDATE



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## ○ Development Goal FY20/21

- Goal - \$6,000,000
- Raised to Date - \$6,029,937

## ○ College Endowment

- Generous donor giving has allowed the College to double its endowment over the last two years
- 2020 - \$22M and 44 endowed funds
- 2018 - \$11.2M and 29 endowed funds

## ○ Cash Giving

- One donor provided \$500,000 in cash gifts to support Rocket Project, which enabled students the resources to complete their project and set a world record

## ○ Development Priorities

- Faculty Chairs and Professorships
- Scholarship Support
- Diversity, Equity & Inclusion Initiatives
- AGC Chair in Construction Management
- Mechanical Engineering Support
- Aztec Electric Racing
- Naming the College of Engineering



# DEVELOPMENT UPDATE



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## ○ **New Endowments since 2018**

- Alfredo and Sandra Aldrete MESA Scholarship Endowment
- Dan and Ann Brown Research Support Endowment
- DN Tanks Scholarship Endowment
- Georgia Griffiths Scholarship Endowment
- fred harris Chair in Digital Signal Processing
- Chuck and Kathy Mendenhall Faculty Excellence Endowment
- Alex Mora MESA Scholarship Endowment
- Ellen Ochoa Femineer Endowment
- Rick Engineering Scholarship Endowment
- Paul Stuverud MESA Scholarship Endowment
- Andrew Szeto Endowment for Rehab/Assistive Technology

## ○ **New AGC Chair Endowments since 2018**

- Bergelectric
- Harper Construction
- Marathon Construction
- McCarthy Construction
- AGC SD

# ENGINEERING ALUMNI RECOGNITIONS

## Honorary Doctorates

2020

Dr. Joseph E. Kiani, '85, '88  
*Honorary Doctor of Science*  
*College of Engineering*



2021

Dr. Stephen P. Doyle, '80  
*Honorary Doctor of Science*  
*College of Engineering*



## SDSU Distinguished Alumni

College of Engineering, 2020

Mr. Roger Ball, '74  
*President, Rick Engineering Company*





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# STATE OF THE COLLEGE



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# UPDATE ON COLLEGE PERSONNEL

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# FACULTY SEARCHES FOR 2020 - 21

Searches Successfully Completed

| Department    | Position Area                           | Level     | VPAA #           |
|---------------|---|-----------|------------------|
| CCEE          | Sustainable Infrastructure Engineering  | Assistant | 2020/21-17       |
| CCEE          | Coastal Engineering                     | Assistant | 2020/21-72       |
| CCEE          | Structural Engineering                  | Assistant | 2020/21-70       |
| CCEE          | Water Engineering                       | Assistant | 2020/21-71       |
| ME            | Computational Mechanics                 | Assistant | 2020/21-75       |
| ME            | Renewable Energy Conversion and Storage | Assistant | 2020/21-74       |
| Dean's Office | Assoc. Dean for Undergraduate Studies   | Full      | 2020/21-58       |
| Dean's Office | Assoc. Dean for Graduate Studies        | Full      | SDSU<br>Internal |

Unchilled Searches

## New Open Position:

|    |              |           |            |
|----|--------------|-----------|------------|
| AE | Aerodynamics | Assistant | 2021/22-06 |
|----|--------------|-----------|------------|

# TENURED/TENURE-TRACK FACULTY



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|                         | AE | CCEE | ECE | ME | CoE |
|-------------------------|----|------|-----|----|-----|
| Professors              | 7  | 5    | 8   | 8  | 28  |
| Associate Professors    | 1  | 5    | 5   | 3  | 11  |
| Assistant Professors    | 4  | 7    | 8   | 10 | 32  |
| Fall 2019 T/T Faculty   | 12 | 17   | 21  | 21 | 71* |
| New Fall 2021 Positions | 1  | 2    | 1   | 1  | 5   |
| Total T/T Faculty*      | 13 | 19   | 22  | 22 | 76* |

\* Includes participants in Faculty Early Retirement Program (FERP)



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# UPDATE ON RENOVATION OF BUILDING A

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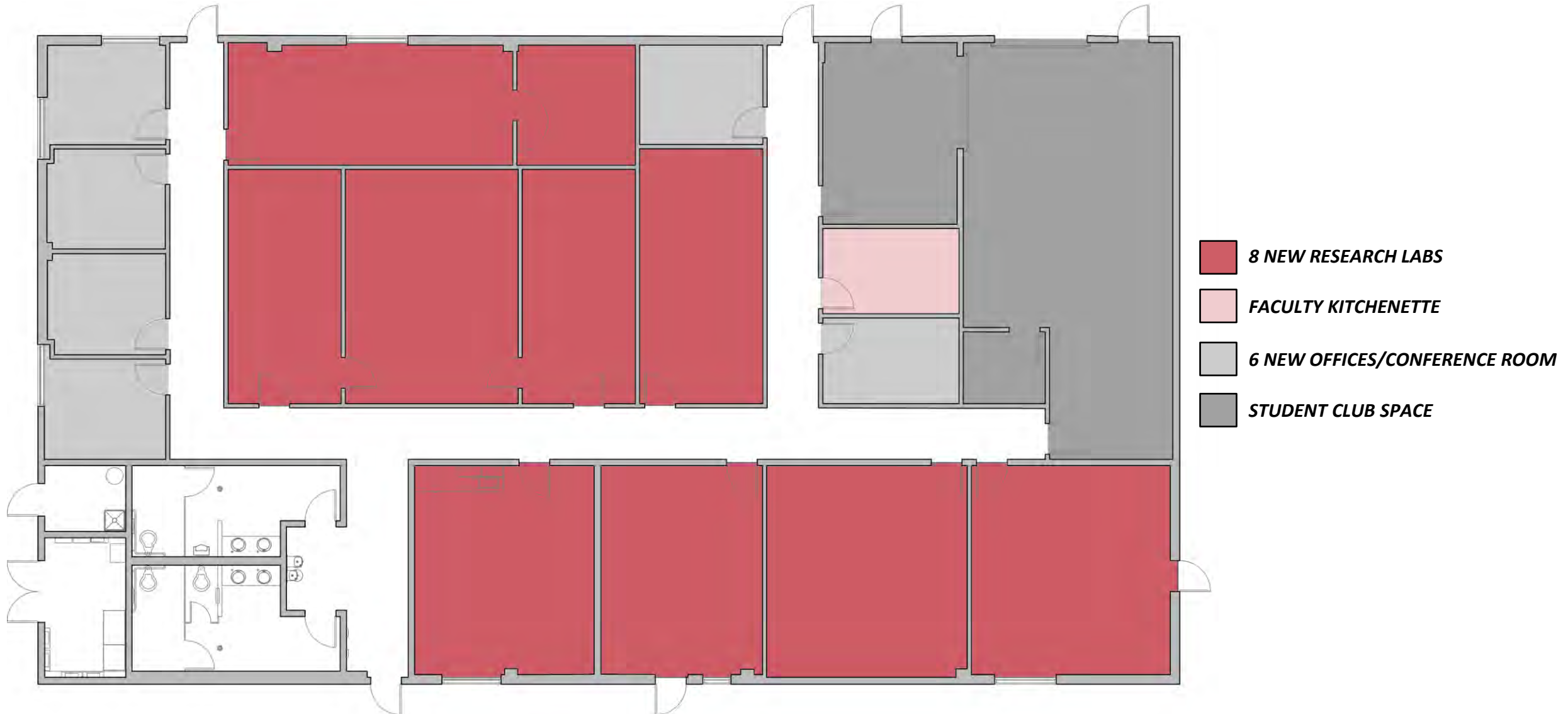
# ***BUILDING "A" RENOVATION***

# SPACE UTILIZATION



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## PROGRESS PHOTOS (WEEK OF 02/09/21)



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AIR CONDITIONING  
THROUGHOUT BUILDING



UPGRADED POWER



HIGH CEILINGS, FIRE SPRINKLERS



## ***BUILDING INTERIORS (WEEK OF 04/05/21)***

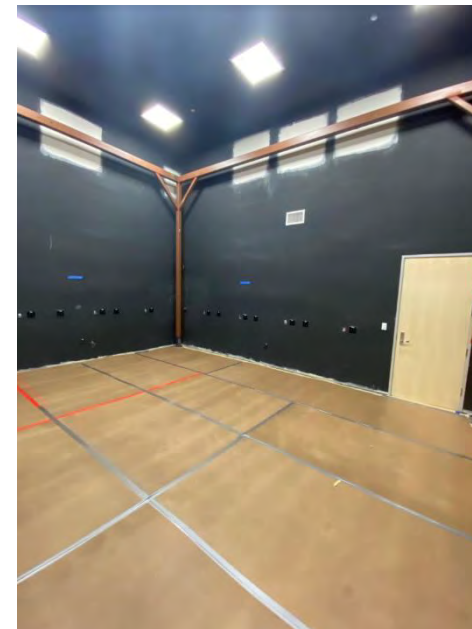
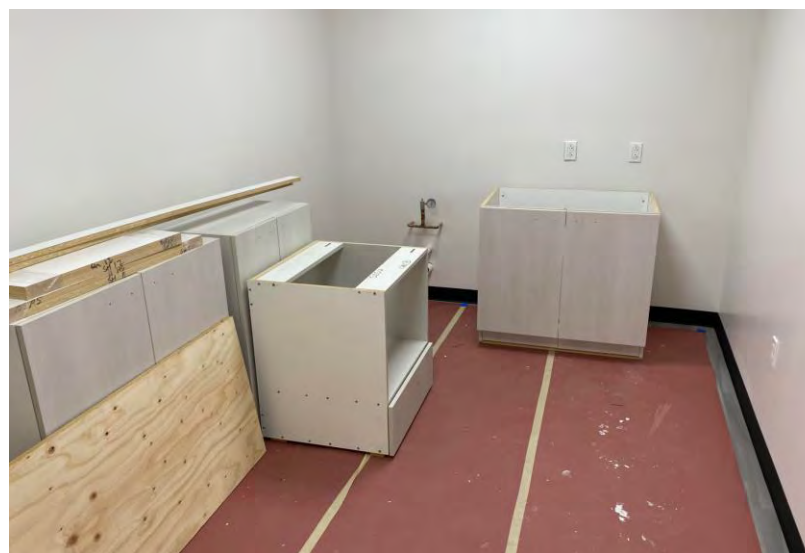


INTERIOR  
PALETTE

INTERIOR  
HALL



FACULTY  
KITCHENETTE



DRONE FLIGHT  
LAB



TYPICAL LAB



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## BUILDING FEATURES (WEEK OF 04/05/21)

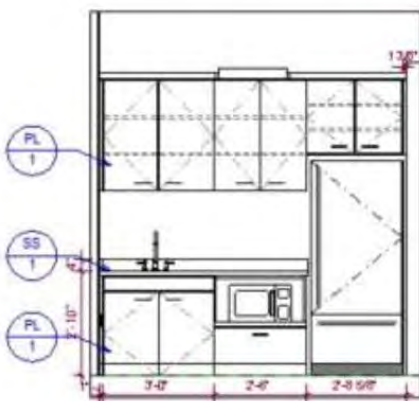


INFRASTRUCTURE  
AND MEZZANINES  
FOR EQUIPMENT:  
FUME HOODS,  
SNORKELS, SINKS,  
COMPRESSED AIR,  
VACUUM

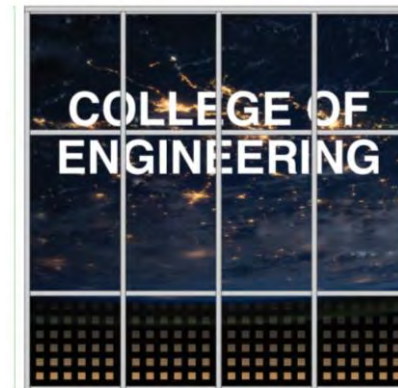
AIR CONDITIONED  
SHOP SPACES WITH  
LOCKOFF GATE



FACULTY  
KITCHENETTE



ACOUSTIC WALLS  
SURROUND SHOP  
SPACES



IMPROVED  
ENTRANCES  
(SIGNAGE  
GRAPHICS IN  
PRODUCTION)



## CURRENT MILESTONE SCHEDULE



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| <b>ACTIVITY</b>                            | <b>ANTICIPATED DATES</b>   |
|--|----------------------------|
| <b>ELECTRICAL/MECHANICAL COMMISSIONING</b> | <b>NOW – APRIL 19</b>      |
| <b>FIRE/LIFE SAFETY FINAL INSPECTION</b>   | <b>APRIL 14</b>            |
| <b>PUNCH WALK</b>                          | <b>APRIL 23</b>            |
| <b>PUNCH LIST (CORRECTIONS)</b>            | <b>APRIL 26 – APRIL 30</b> |
| <b>FINAL CLEANING</b>                      | <b>APRIL 28 – APRIL 30</b> |
| <b>FINAL COMPLETION</b>                    | <b>MAY 4</b>               |
| <b>SIGNAGE</b>                             | <b>MAY 2021</b>            |
| <b>FURNITURE INSTALLATION</b>              | <b>JUNE 2021</b>           |



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# RESEARCH & GRADUATE PROGRAM UPDATE

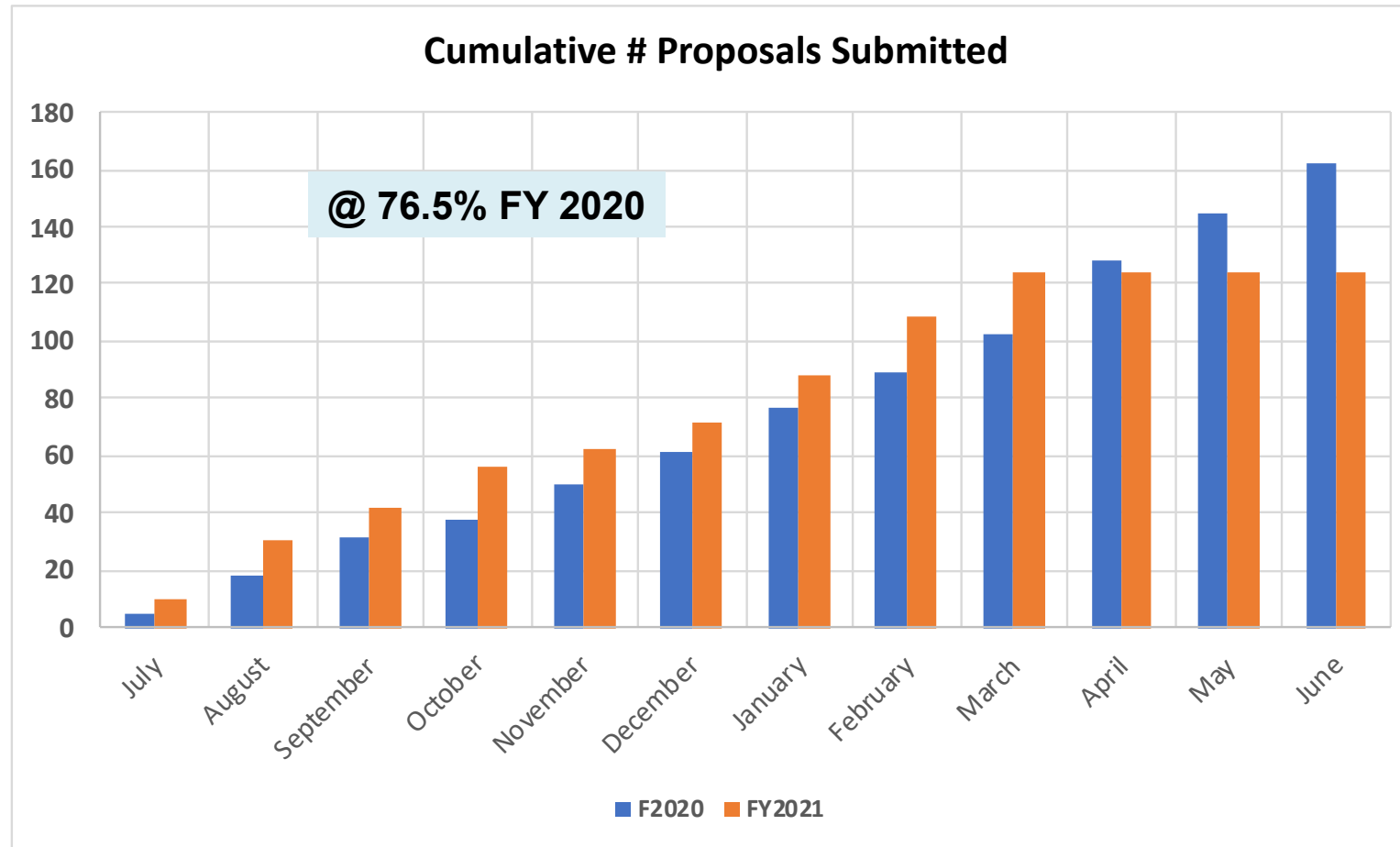
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# PROPOSAL SUBMISSIONS



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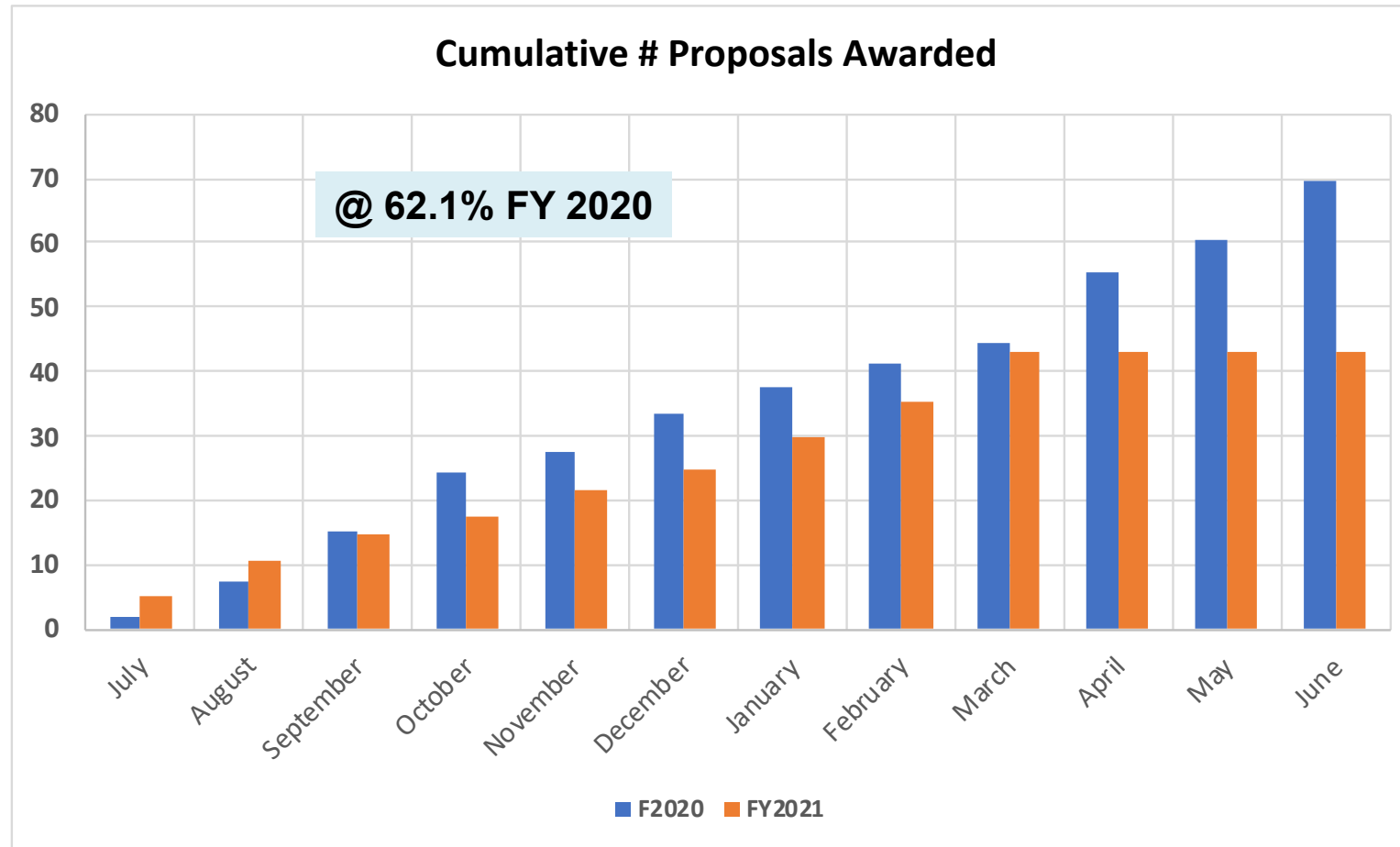


# PROPOSAL AWARDS



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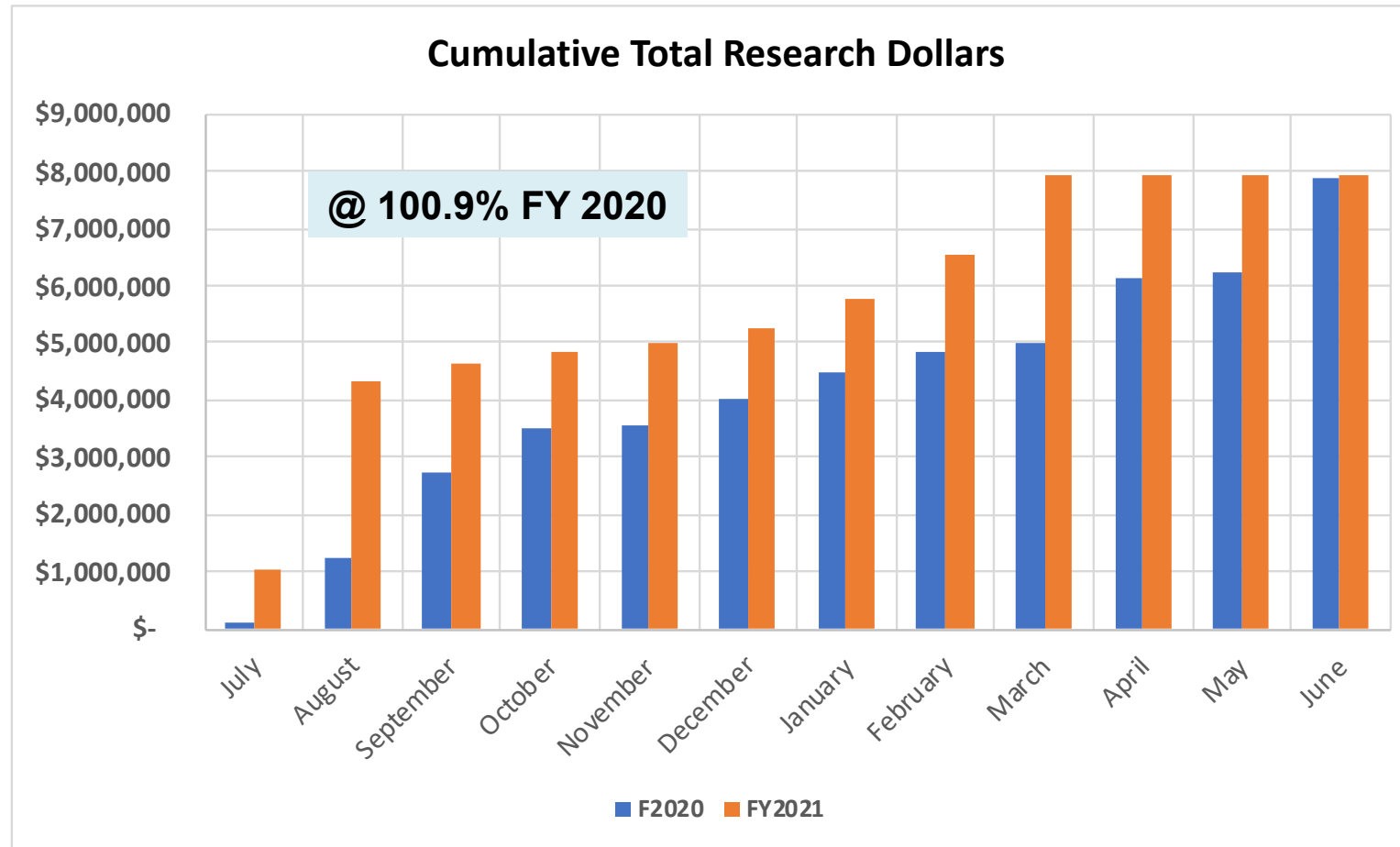


# RESEARCH DOLLARS



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# NSF CAREER AWARDS

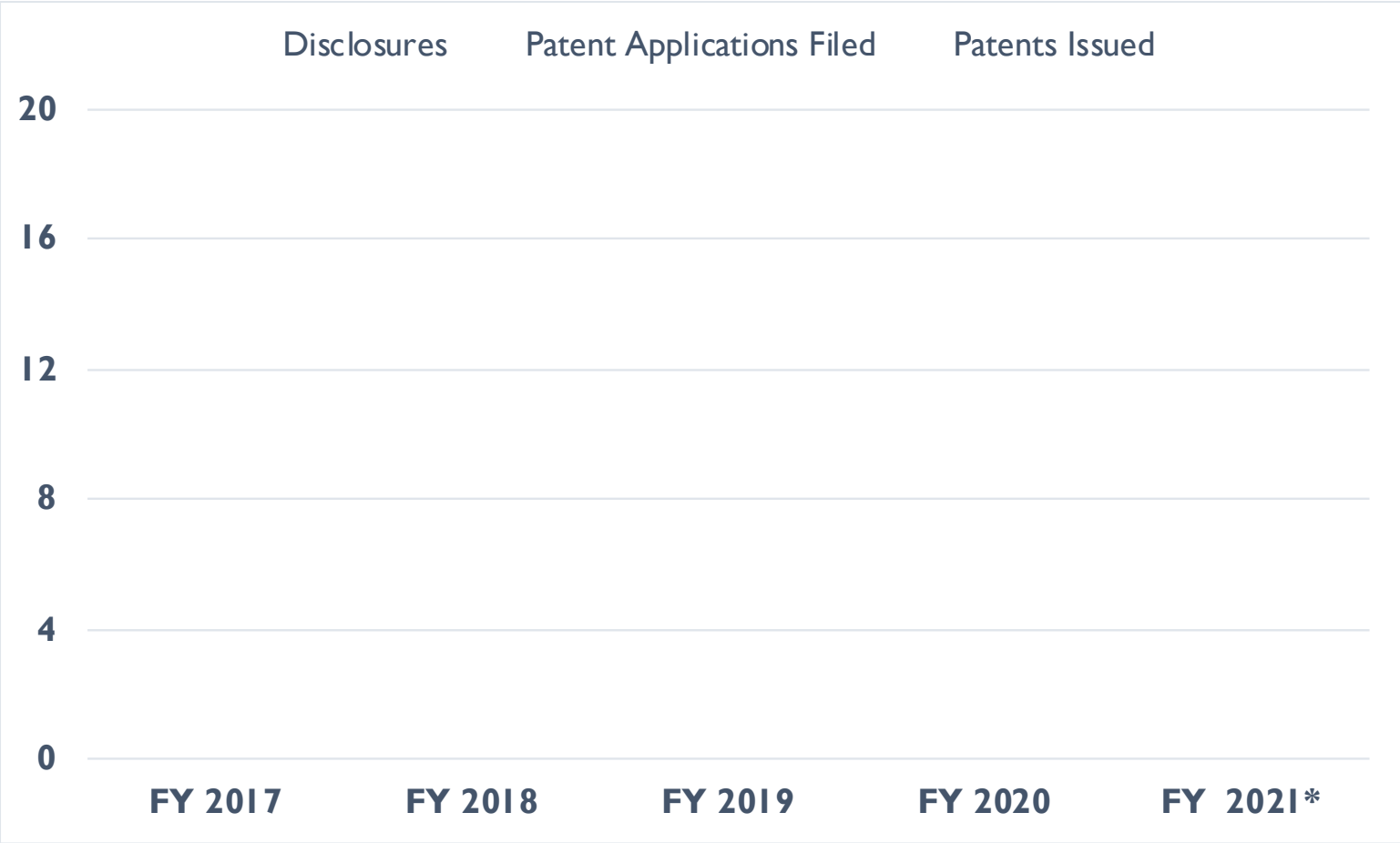


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1. Dr, Junfei Xie, *CAREER: Towards Networked Airborne Computing in Uncertain Airspace: A Control and Networking Facilitated Distributed Computing Framework*, **2021**, \$550,000
2. Dr. Sungyong Park, *CAREER: Optofluidic Solar Indoor Lighting Towards Sustainable Buildings*, **2021**, \$500,000
3. Dr. Reza Akhavian, *CAREER: Co-Adaptation and Trust in Worker-Robot Interactions: Scalable Adoption of Collaborative Robots in Construction*, **2021**, \$691,328

# TTO DATA FOR COLLEGE OF ENGINEERING



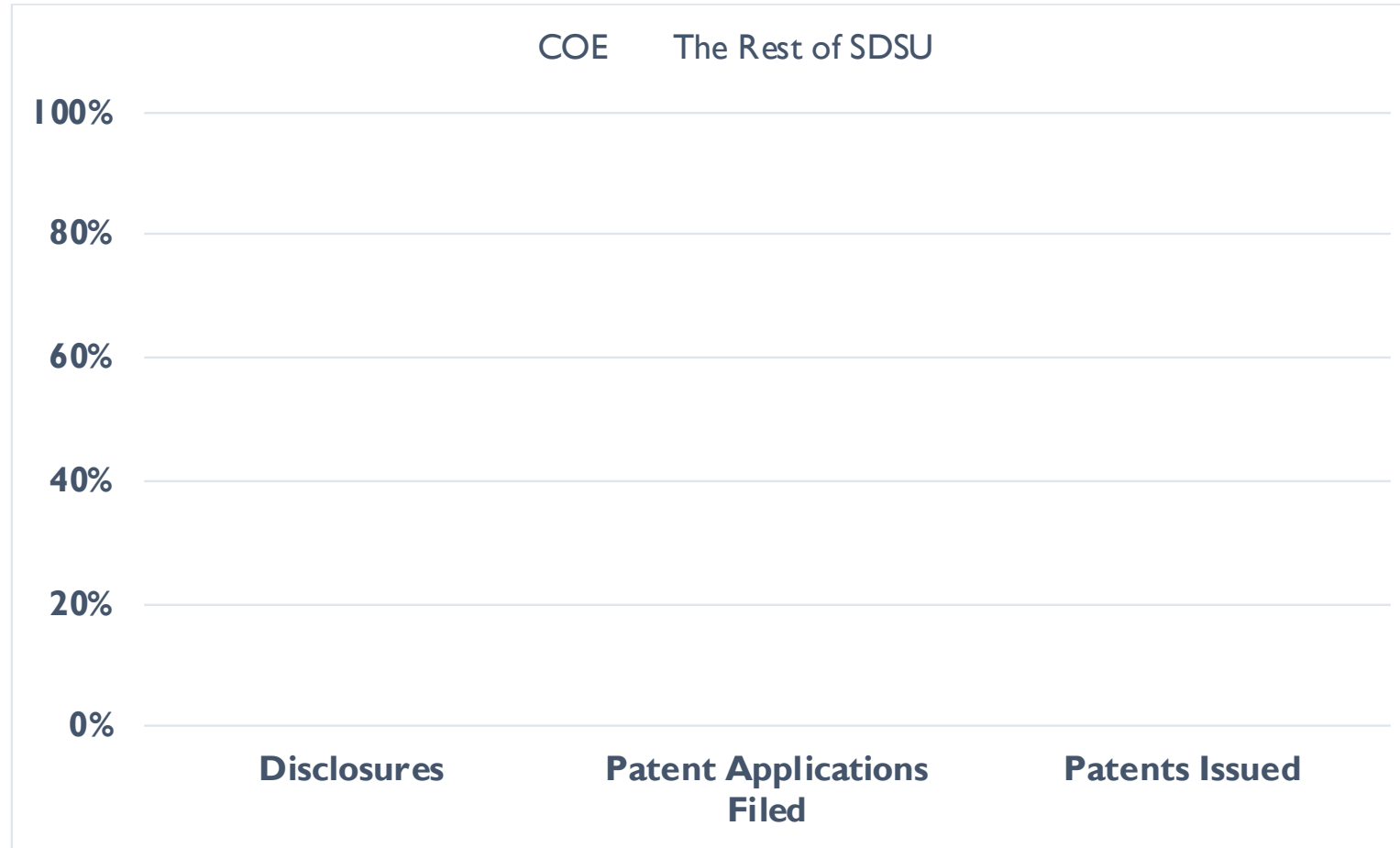
\* FY 2021 data is through March 9, 2021

# TTO DATA FOR COLLEGE OF ENGINEERING FY 2017-2021 \*



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\* FY 2021 data is through March 9, 2021

# COE FACULTY SCHOLARLY ACTIVITY

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- Current data on faculty scholarly activity is essential
  - Recognizing faculty for their efforts
  - Requesting resources for the College
  - Positioning the College for opportunities
  - Promoting the College with potential donors

- Annual faculty activity report ?
  - Data is limited and may not capture everything
  - Delay in reporting
- One option being considered is Google Forms
  - Can be comprehensive
  - User friendly, mostly require inputting numerical data
- We are open to feedbacks and suggestions

# DRAFT GOOGLE FORM



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## CoE Faculty Scholarly Activity

Your email address will be recorded when you submit this form.

Not [tgaroma@sdsu.edu](#)? [Switch account](#)



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### Information about you

First name

Your answer

Last name

Your answer

Department

Choose

Rank

Choose

# DRAFT GOOGLE FORM



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| Publications (published only)   |
|---|
| Please answer the following questions about your published publications in 2020. Data on publications submitted, accepted, or in press will be collected in the next section. |
| Number of refereed journal articles   |
| Your answer   |
| Number of refereed proceedings  |
| Your answer   |
| Number of books   |
| Your answer   |
| Number of refereed book chapters  |
| Your answer   |
| Number of non-refereed journal articles   |
| Your answer   |
| Number of non-refereed book chapters  |
| Your answer   |
| Number of non-refereed proceedings  |
| Your answer   |

| Publications submitted, accepted, or in press   |
|---|
| Please answer the following questions about your publications (books, journal articles, and proceedings) that are submitted, accepted, or in press. |
| Number of publications submitted for review   |
| Your answer   |
| Number of publications accepted   |
| Your answer   |
| Number of publications in press   |
| Your answer   |

| Other Scholarly Activities  |
|---|
| Please provide information on your other scholarly activities in 2020.            |
| Number of invited talks   |
| Your answer   |
| Number times served as panel chairs   |
| Your answer   |
| Number of local, national, or international conferences organized or co-organized |
| Your answer   |

# DRAFT GOOGLE FORM



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## Student Supervision

Number of PhD students currently under your supervision

Your answer: \_\_\_\_\_

Number of master's students currently under your supervision

Your answer: \_\_\_\_\_

Number of undergraduate students currently under your supervision

Your answer: \_\_\_\_\_

Number of PhD students supported from state fund or grants

Your answer: \_\_\_\_\_

Number of master's students supported from state fund or grants

Your answer: \_\_\_\_\_

Number of undergraduate students supported from state fund or grants

Your answer: \_\_\_\_\_

Number of PhD students graduated from your group in 2019/20 academic year

Your answer: \_\_\_\_\_

Number of master's Thesis students graduated from your group in 2019/20 academic year

Your answer: \_\_\_\_\_

Number of master's Project students graduated from your group in 2019/20 academic year

Your answer: \_\_\_\_\_

## Patents

How many provisional patent applications did you submit at SDSU?

Your answer: \_\_\_\_\_

How many provisional patent applications did you submit at your previous institution(s)?

Your answer: \_\_\_\_\_

How many full patent applications did you submit at your previous institution(s)?

Your answer: \_\_\_\_\_

How many full patent applications did you submit at SDSU?

Your answer: \_\_\_\_\_

How many patents have you been granted at SDSU or previous institution(s)?

Your answer: \_\_\_\_\_

How many of your patents are commercialized?

Your answer: \_\_\_\_\_

# JDP FALL 2021 APPLICATIONS



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- 102 applications were submitted
- The JDP Steering Committee held six review rounds
  - A total of 69 applications were reviewed
  - 34 applicants recommend for admissions and were asked to submit their applications to UCSD Departments
  - 25 applicants were NOT recommended for admissions
- Seven applications were recommended for admissions by UCSD MAE Department
- We are still waiting to receive response from UCSD Departments on the rest of the applications

# JDP REVIEW AND MOU



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- UCSD Grad Council recommended continuation of the program
- Administrative Wrap-Up Review Meeting is scheduled for May 3, 2021
- MOU and Bylaws Update
  - Had several meetings
  - Same degree and GPA requirements JDP and UCSD doctoral students
  - The \$5,500 UCSD fee will be discussed in the next meeting

# UGF AND PRGF

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- Six nominations were submitted for PRGF
- 13 nominations were submitted for UGF

# NEW CA RESIDENT MASTER'S SEEKING



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| Master's Programs  | Applications |        | Admits |        |            | Intents to Enroll |        |
|--------------------|--------------|--------|--------|--------|------------|-------------------|--------|
|                    | F 2020       | F 2021 | F 2020 | F 2021 | F21 Target | F 2020            | F 2021 |
| AE                 | 25           | 40     | 9      | 10     | 35         | 1                 | 0      |
| BIO                | 15           | 21     | 10     | 6      | 15         | 0                 | 0      |
| CIVE               | 27           | 43     | 9      | 6      | 30         | 2                 | 0      |
| ECE                | 42           | 32     | 29     | 19     | 40         | 6                 | 2      |
| ENVE               | 2            | 19     | 2      | 2      | 6          | 0                 | 0      |
| Master Engineering | 0            | 15     | 0      | 5      | 6          | 0                 | 1      |
| ME                 | 28           | 57     | 5      | 12     | 30         | 0                 | 2      |
| TOTAL              | 139          | 227    | 64     | 60     | 162        | 9                 | 5      |

F 2020 counts are: From 10/01/2019 to 03/27/2020

F 2021 counts are: From 10/01/2020 to 03/26/2021

# NEW NON-RESIDENT & INTERNATIONAL MASTER'S SEEKING



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| Master's Programs  | Applications |        | Admits |        |            | Intents to Enroll |        |
|--------------------|--------------|--------|--------|--------|------------|-------------------|--------|
|                    | F 2020       | F 2021 | F 2020 | F 2021 | F21 Target | F 2020            | F 2021 |
| AE                 | 17           | 20     | 7      | 4      | 15         | 0                 | 1      |
| BIO                | 13           | 12     | 4      | 2      | 10         | 1                 | 0      |
| CIVE               | 34           | 44     | 6      | 1      | 20         | 1                 | 1      |
| ECE                | 116          | 122    | 60     | 31     | 80         | 3                 | 10     |
| ENVE               | 2            | 8      | 2      | 0      | 6          | 0                 | 0      |
| Master Engineering | 8            | 12     | 0      | 0      | 4          | 0                 | 0      |
| ME                 | 34           | 40     | 8      | 10     | 20         | 0                 | 1      |
| TOTAL              | 224          | 258    | 87     | 48     | 155        | 5                 | 13     |

F 2020 counts are: From 10/01/2019 to 03/27/2020

F 2021 counts are: From 10/01/2020 to 03/26/2021



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# UNDERGRADUATE PROGRAM UPDATE

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# ABET PREPARATIONS

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- ABET visit will be virtual in 2021-2022 cycle.
- Second draft of the ABET Self Study Document is completed on April 1<sup>st</sup>.
- Final version of the ABET Documents is due in Dean's office on May 1<sup>st</sup>.
- July 1<sup>st</sup> : Self study documents will be submitted to ABET
- July 2021 : Meeting with the ABET Visit Team Leader
- August 2021: Upload all Virtual Visit Review Materials on Google Drive.

# ABET PREPARATIONS



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- The Visit most likely spread over a longer period. The Laboratory and Classroom visits will be completed before the ABET virtual visit days.
- We will need to prepare a 10-minute video of each laboratory used for instruction. We have 19 laboratories used for instructional purposes.
- Department Chairs will contact faculty teaching laboratory courses and courses that have a lab component for narratives for lab introductions.

# UNDERGRADUATE PROGRAMS - ADVISING



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- We deployed EAB software and launched proactive advising.
  - Freshman and Sophomores in pre-major status are advised by peer mentors.
  - Juniors and Seniors are assigned to faculty advisors.
  - All faculty have access to EAB: <http://sdsu.campus.eab.com/>
- Students who are at risk are receiving alerts from Dean's office to visit their major advisors.
- Please meet with your advisees and keep a record of the advising session on EAB. **This is critical for ABET visit. Faculty contact point is Dr. Yusuf Ozturk.**

# FALL 2021 WILL BE PREDOMINANTLY IN-PERSON

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- Governor Announcement
- Full time in-person instruction
- Requirements in Fall Semester
  - Testing if not vaccinated
  - Vaccinations
  - Masks
- Proof of vaccination or frequency of testing is being explored for students
- No capacity limitation, no distance limitations
- Schedule: Fall 2021 schedule will be released on May 10
- TENTS are no longer considered

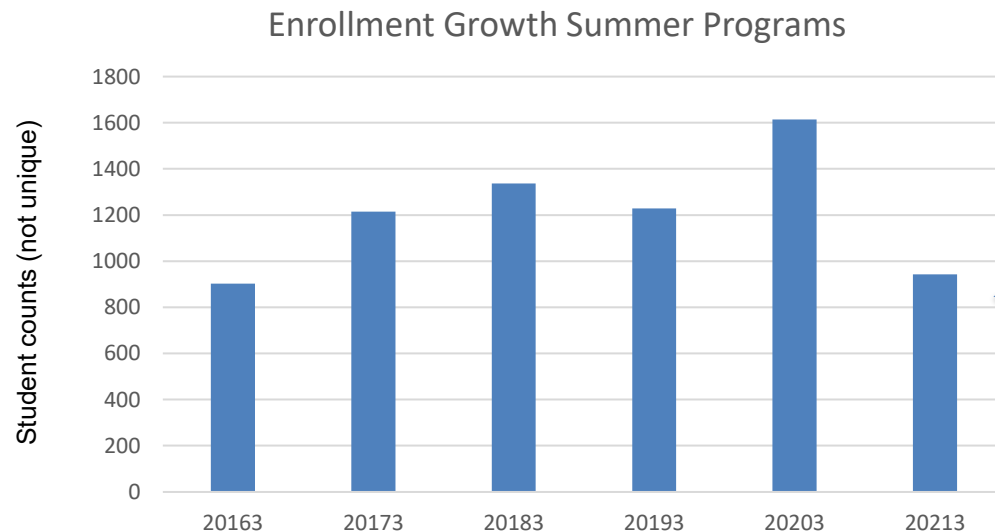
# SUMMER 2021 SCHEDULE



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- We are offering 44 courses in the Summer 2021 semester (Offered 40 courses in 2020, 35 courses in 2019)



Registrations are continuing.  
We expect to hit our target  
(292 FTES).

We are offering several lab  
sections in person during  
the summer 2021 program.

# UPDATE: SPRING 2021 & FALL 2021 PLANS AND REGISTRATION

Remaining spring 2021 Rest and Recovery Day:

- Thursday, April 15: Rest and recovery day

Due to recent state and local changes to less restrictive guidelines (as of 4/7/21):

- Fall classes will return to mostly in-person (exceptions considered as needed by faculty or students); vaccines or COVID results may be required
- Fall schedule will be available online beginning May 10, 2021
- Fall registration information will be in students' WebPortal on May 10
- Fall registration will begin May 25

## Important and Helpful Resources

- SDSU COVID-19 Surveillance Testing Plan - <https://bit.ly/33Di9f8>
- Provost/President Announcements
- SDSU Flex - <https://www.sdsu.edu/flex/faqs>
- SDSU COVID Updates - <https://sacd.sdsu.edu/student-health-services/covid-19/>

# STUDENT SUCCESS & ENGAGEMENT

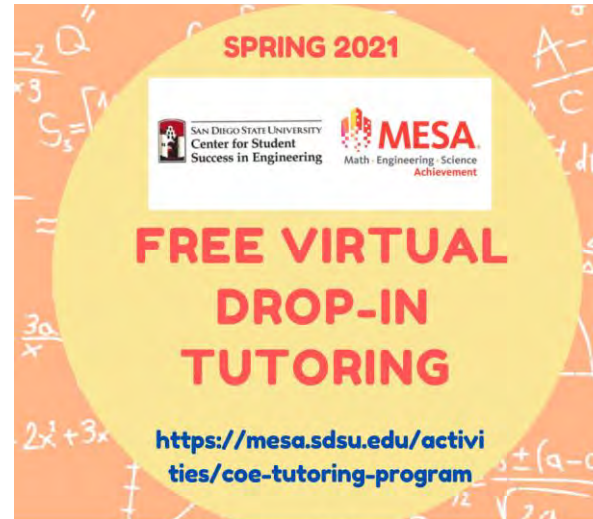


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Center for Student  
Success in Engineering

- CSSE services continue remotely throughout spring
- Peer advising information and appointments, [csse.sdsu.edu](https://csse.sdsu.edu)
- Drop-In tutoring continues until May 6th (last day of spring 2021 instruction)



#### Courses Offered:

**AE 200, 220, 280, 340**  
**ME 200, 220, 304, 350, 360**  
**CHEM 200, 202**  
**MATH 150, 151**  
**PHYS 195, 196**  
**COMPE 160, 470, 475**  
**EE 300**

**C = SC**  
College of Engineering  
Student Council

- All activities are virtual
- With changing guidelines surrounding pandemic, one in-person event has been allowed on campus for spring
- Clubs are anxious to return to full in person activities



# STUDENT SUCCESS & ENGAGEMENT (CONT...)

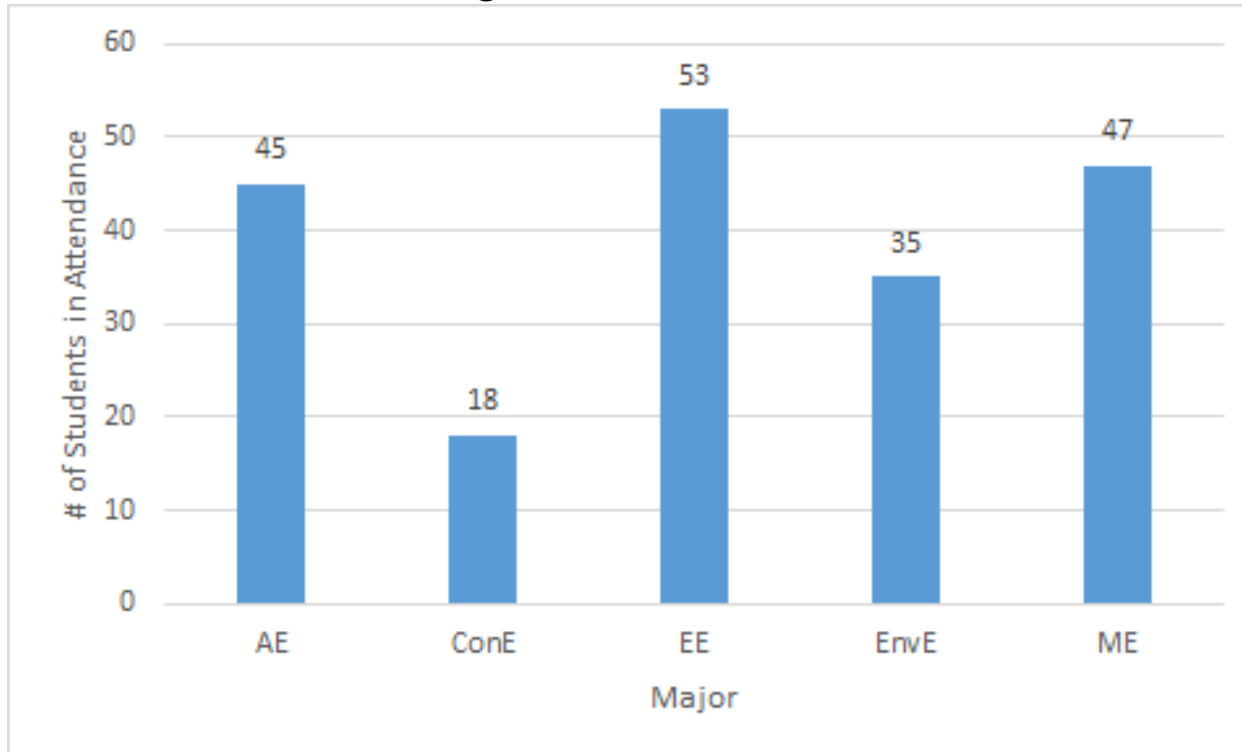


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## Career Panels

- Remaining for spring 2021
  - Civil, 4/9
  - Computer, April 30
- Yield an average 40 students each




**CAREERS IN  
ENGINEERING  
2020-2021 PANEL SERIES**


**CAREERS IN**

- SEP 25 CONSTRUCTION
- OCT 23 AEROSPACE
- NOV 20 MECHANICAL
- FEB 19 ENVIRONMENTAL
- MAR 19 ELECTRICAL
- APR 9 CIVIL
- APR 30 COMPUTER

ALL EVENTS WILL TAKE PLACE FROM  
2:00PM-3:00PM ON ZOOM.  
REGISTER ON [HANDSHAKE](#) TO ATTEND.  
ZOOM LINK: [SDSU.zoom.us/j/98906295124](https://sdsu.zoom.us/j/98906295124)

CONTACT BIANCA PORTAL TRUETT FOR ANY  
QUESTIONS: [BPORTAL@SDSU.EDU](mailto:BPORTAL@SDSU.EDU)

 SAN DIEGO STATE UNIVERSITY  
Center for Student  
Success in Engineering

 SAN DIEGO STATE UNIVERSITY  
Career Services  
Division of Student Affairs  
and Campus Life

# SPRING 2021 PRO-ACTIVE ADVISING APPROACH

SDSU Navigate (EAB) - <https://studentsuccess.sdsu.edu/navigate-sdsu>

- Campus wide utilization by fall 2021
- CoE Spring 2021 Pilot
  - Aligns with SDSU Strategic Plan and with GI 2025 goals
  - Purpose: connect students to advisors (pre-major and major)
  - Launched Appointment Campaigns to targeted students
- More information provided at Provost's Advising Forum on April 16th, contact Christine Molina, [cvidena@sdsu.edu](mailto:cvidena@sdsu.edu) to RSVP





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# COMMUNITY & COMMUNICATION



# FEMINEER® & WOMEN IN ENGINEERING



## • Connecting with Femineer® Teachers

- Hosted Virtual Educator Collaboration seminars
- In process of getting all 3 Femineer® curriculum UC A-G approved
- Created program content and updated NEO Learning Management System



## • Affiliate University Partner Monthly Meetings

- Bi-monthly Zoom meetings with Cal Poly Pomona partners
- Planned virtual opportunities for schools nationwide
- Virtual Femineer® Summit - May 12, 2021
  - Multiple Sponsorships and Donations
  - Part of Remake Learning Days
- Planning/co-hosting Femineer® Summer Camps



## • Connecting with Femineer® & WE Students

- Twitter & Instagram (@Femineer\_SD and @SDSU\_WE)
  - Total of # Followers - Instagram: 239, Twitter: 278
- Posted past Femineer® Challenges & STEM Talks on SDSU Femineer® Program YouTube Channel
  - Over 1,095 views
- WE Coffee Hours
  - Hosting 3 virtually during Spring 2021
  - Engaged ~15-20 participants each Coffee Hour
- WE Chat
  - Hosted 1 virtually via Zoom during Spring 2021
  - Engaged ~20-35 participants each WE Chat
  - Speaker included: 1 local engineer



## • STEM Talk Day with Industry

- Hosting 3 Zoom webinars for Spring 2021 featuring



- Engaging 100+

## • E-Week Events

- Led workshop during San Diego STEM Ecosystem's Role Model Training
- Created 2 videos - Introduce a Girl to an Engineer and Introduce a Girl to an Engineering Student
- STEM Talk with Industry featuring Northrop Grumman

## • WE Coloring Book - Volume 1

COLORING BOOK  
DISTRIBUTION STATISTICS

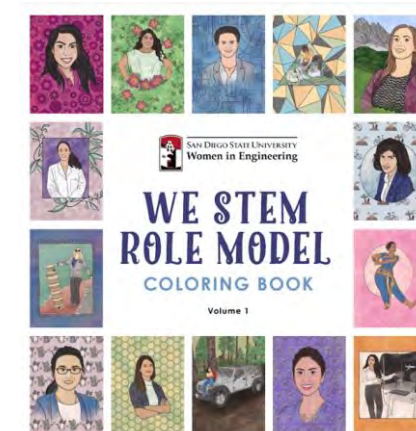
SCHOOLS AND PROGRAMS: 57

U.S. STATES REACHED: 6

SCHOOLS/PROGRAMS/LIBRARIES IN  
SAN DIEGO COUNTY: 32

PROGRAMS/SCHOOLS THAT SERVE  
45+ % FREE &  
REDUCED LUNCH: 43

TOTAL COLORING BOOKS AWARDED  
AS OF 3/30/2021: 1500+



**Volume 2  
currently be  
made!**



Natasha Celise, Director, University Program  
 Luis Topete, Director, San Diego College Prep Program  
 Jeanette Ramos, Director, Imperial Valley College Prep Program

## UNIVERSITY SEGMENT ENGAGEMENT

**MESA**  
Math • Engineering • Science  
Achievement

### Virtual Alumni Chat

with SDSU MESA Alumni:

|   |   |
|---|---|
| <b>ALEXANDRA ARAMBULA</b><br>Northrop Grumman<br>Manufacturing Engineer       | <b>FADEE KANNAH</b><br>CourseKey<br>Chief Technology Officer                        |
| <b>JOSE LUIS ESPINOSA JR</b><br>Sweetwater High School<br>Mathematics Teacher | <b>ZELDA KERSTEEN</b><br>Carl Zeiss SMT GmbH<br>Product Application Engineer        |
| <b>FRANCISCO GARCIA</b><br>Apple Inc.<br>Technical Program Mgr                | <b>DOLORES SALGADO</b><br>Infrastructure Engineering Corp<br>Senior Project Manager |
| <b>ANAIS GAUNIN</b><br>EDM International<br>Engineer                          | <b>GERMAN VERDUZCO</b><br>Solar Turbines<br>Mechanical Design Engineer              |

Tues, February 16, 2021, 5:00-6:00pm  
 Register to attend:  
<https://SDSU.zoom.us/j/601mtrD8oHtGx8aa19bV0IGxtQgJscdc>



**MESA**  
Math • Engineering • Science  
Achievement

### NASA Jet Propulsion Laboratory Panel

February 26, 2021 from 10am - 1130am

|   |   |   |
|---|---|---|
| Anachristina Morino<br>NASA JPL Engineer<br>Alumna: SDSU MESA | Sarah Gomez<br>NASA JPL Intern<br>SDSU MESA -<br>Mechanical Engineering | Katya Echazarreta<br>NASA JPL Engineer<br>Alumna: San Diego City<br>College MESA & UCLA |
|---|---|---|

<https://SDSU.zoom.us/join/register/tZAlfu6rjooG9GvVY6BwliGzzAHpw-yB2NI>

**MESA**  
Math • Engineering • Science  
Achievement

### SCHOLARSHIPS

Priority Application  
Mar 15 - Apr 15, 2021

Apply via Aztec Scholarship System

- MESA PARTICIPATION IS A FACTOR IN SCHOLARSHIP REVIEW. AWARD RECIPIENTS ARE REQUIRED TO ATTEND MESA GRADUATION & SCHOLARSHIP RECEPTION ON MAY 13.
- WHEN FILLING OUT THE APPLICATION, MAKE SURE TO CHOOSE MESA WHEN ASKED ABOUT INVOLVEMENT IN ANY CLUBS OR ACTIVITIES.

Donors: NORTHROP GRUMMAN, MESA Alumni Fund, RICK, Qualcomm (5 awards of \$5,000 scholarship will be awarded), MESA California

## Spring member meeting w/ECRT Guest speaker

**How can ECRT help?**

- Food Assistance
- Housing Assistance
- Financial Assistance
- Technological Services
- Transportation Assistance

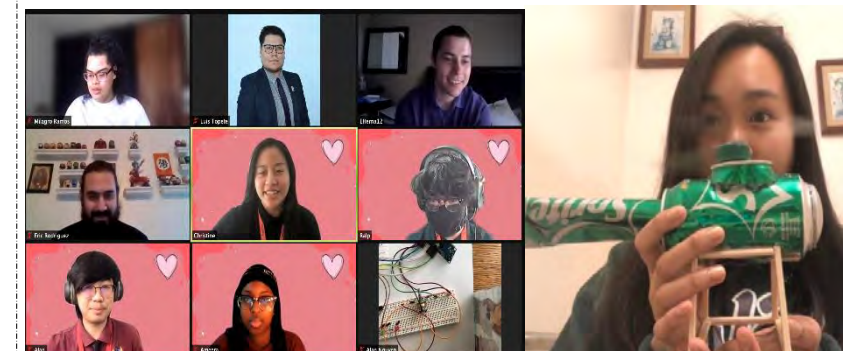
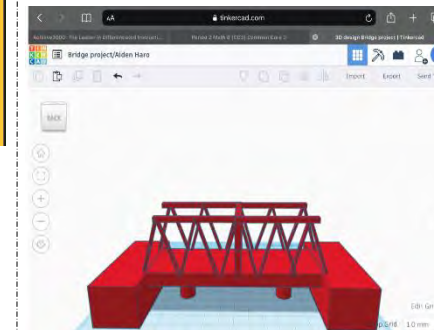
- Basic needs resources
- Case Management
- Coordination of resources between departments

Zoom meeting grid showing participants: Hailey Tutt, Jonathan Gonzalez, Lenny Marquez, Jeanette Arratia, DeVonta Stewart, Lari Voong, Cloud Cheung, Andrea renteria, Ivan Jimenez, Brooke Tyler, etc.

## COLLEGE PREP SEGMENT ENGAGEMENT

### Virtual & In-Person:

- Recycle My Ride (STEM Challenge)  
*\*Build a vehicle entirely out of recyclable materials\**
- MESA Day Preliminary & Regional Competitions
  - Preliminary – March 2021
  - Regional (Irvine, Riverside, San Diego, Imperial Valley) – April 2021
- Coding Workshops & Hands-On Projects
- Life Skills Workshops (Resume/Interview)
- Industry/Undergraduate School Virtual Visits



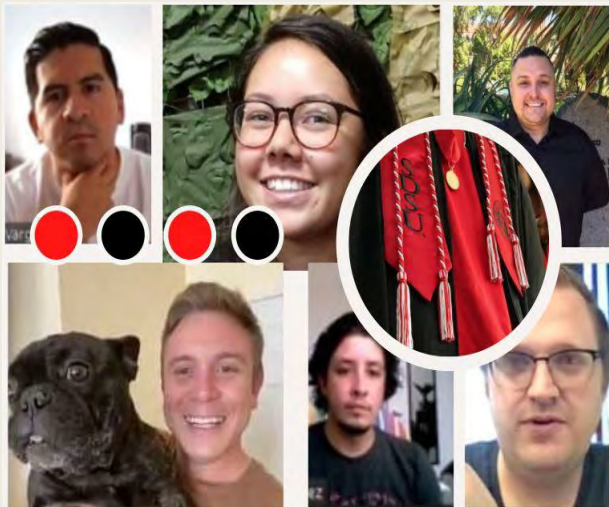


# TROOPS TO ENGINEERS



## Business as Usual: “Adapt and Overcome”

- Support with obtaining paid internship and jobs
- Continued community and industry partner engagement
- Compiling and consolidating University relevant resources for students - posted on program websites
- Implementing a variety of virtual tools to efficiently communicate with students (**Zoom, GoogleMeet, GroupMe, Youtube, Discord**, etc.)



## Spring 2021 Semester Wrap up: “Home stretch”

### → Check-in with students

- ◆ Monthly Lunch Hour Check-in
- ◆ 20 students projected to graduate in Spring/Summer

### → 7 virtual professional development events

- ◆ Welcome Back Mixer - Engineering Panel
- ◆ Professional Development Tips and Tricks with Northrop Grumman
- ◆ BAE Systems Information Session
- ◆ Boeing Information Session
- ◆ Lockheed Martin Information Session
- ◆ Booz Allen Hamilton Information Session
- ◆ 1x1 Mock interviews and Resume Reviews

### → Emerging Engineer Identity Course - launches Fall 2021

- ◆ Designed to mitigating transitional barriers of student veterans by exploring the development of their new emerging engineer identity and navigating the physical and emotional challenges of simultaneously pursuing a degree and job searching.
- ◆ Incorporate industry partners/SME's to continue to provide professional development and career readiness.

# WED 5/5 VIRTUAL ENGINEERING DESIGN DAY



SAN DIEGO STATE  
UNIVERSITY  
College of Engineering



## Virtual Engineering Design Day

Wednesday, May 5, 2021

1:00pm-4:30pm

Zoom Webinar Link:

<https://SDSU.zoom.us/j/83277265234>



- **1:00pm-1:15pm – General Session Webinar**
  - Remarks from President de la Torre
  - Overview of Design Day by Dean Olevsky
- **1:15pm-4:30pm – Student Project Zoom Visits**

After General Session Webinar participants will be able to visit individual student project Zoom links to interact with students.

Each Department will have their own Design Day web page for their student projects and will include:

- Picture of Project
- 5-min YouTube Video of Student Project
- PDF of Project Poster
- Zoom Link





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# UPDATE ON DEI COMMITTEE

# DEI COMMITTEE: SPRING 2021 ACTIVITIES



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- **Coordinating with Department DEI Committees:**
  - Individual meetings with each Department Committee to ensure their success in establishing a Department DEI Plan
- **Focus on Goal#2: Increasing URM graduate students:**
  - Meetings and Seminars with NSBE (African American), SHPE (Latinx) and General body Student Council – data gathering straight from students – what are their major roadblocks to attending graduate school
  - Meeting with Associate Dean, Assistant Dean, AVP for Research Advancement, PI of MERK program – what could be potential strategies, strategies that have worked or haven't worked
  - Committee brainstorming on programs that can be launched in the College
- **Resources, Resources, Resources:**
  - Tentative budget (of \$85K) to implement DEI strategies for the College was submitted to University DDI Council



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# UPDATE ON COE CONSTITUTION & BYLAWS

# CONSTITUTION AND BYLAWS



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## CONSTITUTION

1. Name and Standing
2. Vision and Mission
3. Academic Departments

## BYLAWS

1. Organization
2. Faculty Assembly
3. Standing Committees
4. Student Honors and Awards
5. Workload (**Appendix A**)
6. RTP Criteria (**Appendix B**)
7. Voting
8. Parliamentary Authority
9. Implem., Amendment and Repeal

## APPENDIX A. Workload Allocation Policy

1. Normal work assignment
2. Faculty teaching workload
3. Assigned time (AT) definition
4. AT for research
5. AT for pedagogy/service
6. Teaching load for *new* faculty
7. AT reconsiderations

## APPENDIX B. RTP Criteria

# CONSTITUTION AND BYLAWS

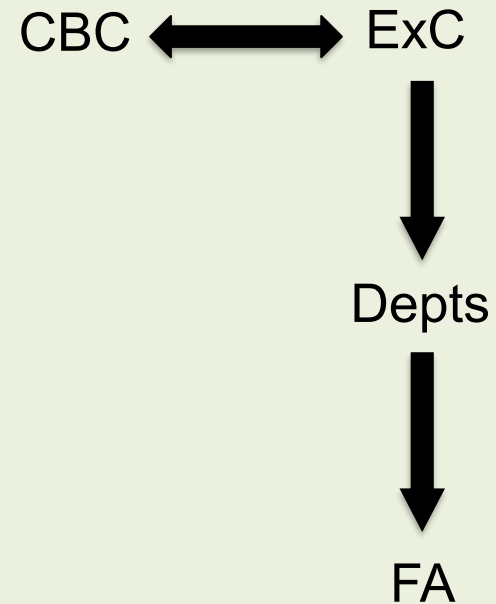


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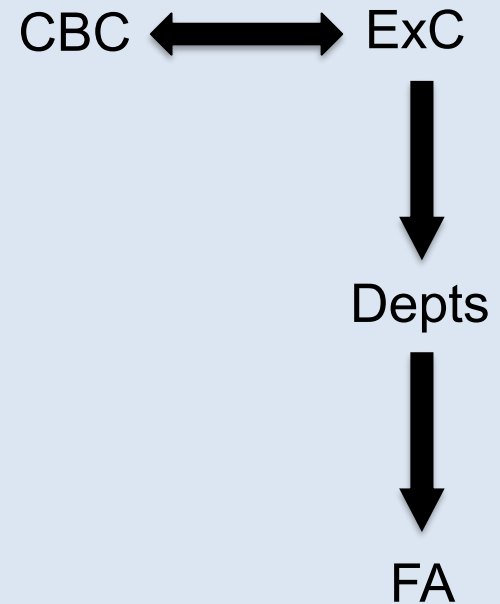
College of Engineering

## CONSTITUTION & BYLAWS

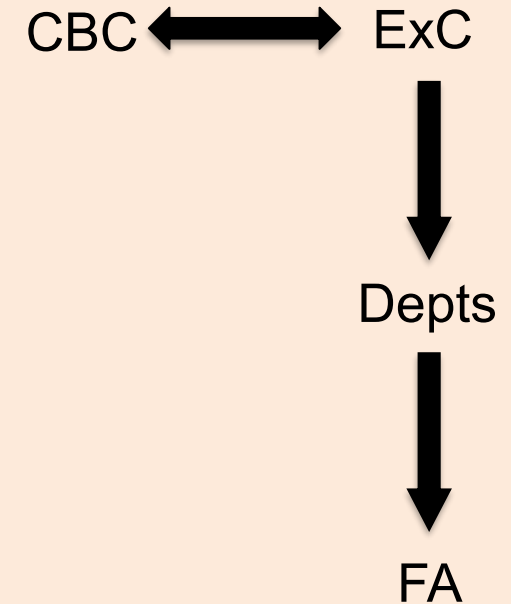
(excluding Appendices)



## APPENDIX A (AT)



## APPENDIX B (RTP)



# SPRING 2021 & FALL 2021

## CoE IMPORTANT DATES TO REMEMBER

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SAN DIEGO STATE  
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### Spring 2021

- **April 14, 2021 (Wed)** – 1:30pm-2:30pm – **CoE Staff Mtg** – via Zoom
- **April 17, 2021 (Sat)** – 10:00am-12:00pm - **Explore SDSU Day 2 (Out of Classroom Focus)** – via Zoom
- **May 5, 2021 (Wed)** – 9:00am-12:00pm – **Engineering Dean's Advisory Board Mtg** – via Zoom
- **May 5, 2021 (Wed)** – 1:00pm-4:30pm – **Spring 2021 Engineering Design Day** – via Zoom
- **May 26, 2021 (Wed)** – 1:00pm – **Engineering Commencement** – Virtual and In-person at Petco Park

### Fall 2021

- **August 20, 2021 (Fri)** – 1:00pm-4:00pm – **CoE Fall 2021 Retreat** – Format to be determined

# OTHER BUSINESS



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- ☐ Approval of 2/16/2021 CoE Faculty Meeting Minutes
- ☐ Other Business



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THANK YOU!