



CAL POLY

Academic Senate

Meeting of the Academic Senate Executive Committee

Tuesday, March 30, 2021

3:10 to 5:00pm

<https://calpoly.zoom.us/j/85329269021>

- I. **Minutes:** February 16, 2021 (pp. 2-3)
- II. **Communication(s) and Announcement(s):**
- III. **Reports:**
 - A. Academic Senate Chair:
 - B. President's Office:
 - C. Provost:
 - D. Statewide Senate:
 - E. CFA:
 - F. ASI:
- IV. **Special Report(s):**
 - A. [TIME CERTAIN 3:30 p.m.] **University Update:** President Jeffrey Armstrong
- V. **Business Item(s):**
 - A. **Appointments to Academic Senate Committees for 2021-2023 Term:** (pp. 4-20)
 - B. **Appointments to University Committees for the 2021-2022 Academic Year:** (pp. 21-28)
 - C. **Appointments of Academic Senate Committee Chairs for 2021-2022 Academic Year:** (p. 29)
 - D. **Resolution on Creating of New Department for Computer Engineering:** Lynne Slivovsky (pp. 30-41)
 - E. [CLOSED SESSION] **Resolution on Creating of New Department for Computer Engineering**
- VI. **Discussion Item(s):**
- VII. **Adjournment:**



CAL POLY

Academic Senate

Meeting of the Academic Senate Executive Committee

Tuesday, February 16, 2021

3:10 to 5:00pm

- I. **Minutes:** M/S/P to approve the January 26, 2021, Academic Senate Executive Committee minutes.
- II. **Communication(s) and Announcement(s):** none.
- III. **Reports:**
 - A. Academic Senate Chair: none.
 - B. President's Office: none.
 - C. Provost: Cynthia Jackson-Elmoore, Provost, reported that fall quarter 2021 will likely allow for a faculty to work in consultation with their departments heads or chairs to choose between virtual, in-person or hybrid teaching modalities based on the local COVID-19 status as well as personal circumstances.
 - D. Statewide Senate: Gary Laver, Statewide Senator, said that the Statewide Academic Senate Faculty Affairs Committee was tasked with drafting resolutions addressing faculty burnout, rewards for service and reimbursement for additional resources used when working from home. Steve Rein, Statewide Senator, detailed some of the governor's specific budgetary cuts and announced that the statewide Fiscal and Governmental Affairs Committee is working to finalize several recommendations for legislation relating to higher education and the CSU.
 - E. CFA: Lewis Call, CFA President, announced that CFA will soon launch a campaign demanding COVID-related leave for faculty who may need it and is encouraging faculty to write letters to the Chancellor expressing concern and/or sharing their personal experiences regarding this issue.
 - F. ASI: Tess Loarie, Board of Directors, shared that Michelle Crawford will soon become the ASI Executive Director following previous director Marcy Maloney's retirement.
- IV. **Business Item(s):**
 - A. **Appointment to the College of Engineering (CENG) Caucus for the 2021-2022 term.** M/S/P to appoint Bridget Benson, Electrical Engineering, to the CENG Caucus for the 2021-2022 term.
 - B. **Appointment to the College of Architecture and Environmental Design (CAED) Caucus for the 2021-2022 term.** M/S/P to appoint Meredith Sattler, Architecture, to the CAED Caucus for the 2021-2022 term.
 - C. **Appointment of a substitute for Ryan Hatch, English, on the College of Liberal Arts (CLA) Caucus for the 2021-2022 term.** M/S/P to appoint Andrea Oñate-Madrado, History, as a substitute for Ryan Hatch on the CLA Caucus for the 2021-2022 term.
 - D. **Appointment of substitute for Brenda Helmbrecht, English, on the Academic Senate Curriculum Appeals Committee for upcoming appeal process.** M/S/P to appoint Jose Navarro, Ethnic Studies, as a substitute for Brenda Helmbrecht on the Curriculum Appeals Committee for the March 9, 2021, appeal process.
 - E. **Resolution on Faculty Choice of Modality.** Thomas Gutierrez, Academic Senate Chair, presented a resolution which would extend faculty member's flexibility in choosing between face-to-face or virtual teaching modalities through spring quarter 2022 due to ongoing uncertainties in the status of the pandemic as well as the wide variation in personal and professional circumstances which may arise in this ongoing pandemic-related context. M/S/P to agendize the resolution.
 - F. **Consultation on Upcoming Searches.** Cynthia Jackson-Elmoore, Provost, shared details about the expected processes for upcoming hiring searches, including position descriptions and search committee

membership, for some positions within the Provost's Office as well as the Vice President of Enrollment Management and University Strategy and the interim Vice President for Research, Economic Development and Graduate Education.

V. **Discussion Item(s)**: none.

VI. **Adjournment**: 5:04pm

Submitted by,

Cade Creason

Cade Creason
Academic Senate Student Assistant

3/23/21sb

Statements of Interest Received for
2020-2022 Academic Senate Committee Vacancies by College

(All appointments are for 2-years unless noted below)

College of Architecture and Environmental Design

Distinguished Scholarship Award Committee 2021-2023

Stacy Kolegraff, Cnstruction Management (10 years at Cal Poly) Tenure Track, Incumbent

Thank you for considering me for service on the Distinguished Scholarship Award Committee. I have served on the committee for the past two years, and hope to continue this service. I look forward to reading about the type of work being conducted, and am most excited to see how that work is applied to serve students and others within the campus community. I am interested in serving again so I can gain a greater perspective of the types of research being conducted across the different disciplines within the university, so I have a holistic understanding of the university's strengths and capacities. I have enjoyed working with the committee team members, and have valued their insight and mentorships. As part of the committee, I have been able to represent the College of Architecture and help provide insight into what scholarly activities look like for these departments. For example, a scholarly achievement for architecture may appear different than an achievement in science or engineering, and I can help provide context. Additionally, I have a strong interest in diversity, equity and inclusion and apply that lens when reviewing scholarly work. Since one of the requirements for nominated faculty members includes applying work to serve the students, one way that presents itself is the inclusion of students in authored research, often as first authors. Many applicants have identified working with some of Cal Poly's underrepresented student populations to help them on their road to success, elevating their voices. Although I understand not all scholarly work is DEI work, it is an additional item to consider when reviewing candidates. Thank you again for your consideration for this committee; I look forward to hearing from the selection team.

Distinguished Teaching Award Committee 2021-2023

Faculty Affairs (2021-2023)

Fairness Board 2020-2022

GE Governance Board 2020-2023

G Brent Nuttall, Architectural Engineering (17 years at Cal Poly) Tenured

I previously served one term as a member of GEGB from 2017 to 2020. I stepped down due to time constraints. Unfortunately, it does not appear that anyone from CAED is currently serving on the GEGB. If given the opportunity, I look forward to representing CAED and participating in the implementation of the revised EO's and CR's as part of the recertification process.

Grants Review 2021-2023

Instruction Committee 2021-2023

Research, Scholarship and Creative Activities 2020-2022

Sustainability Committee 2021-2023

Jonathan Reich, Architecture (20 years at Cal Poly) Tenured

I would like to contribute to assist the Cal Poly's evolution to having greater emphasis on Sustainability integrated throughout the curriculum and the university as a whole. Sustainability has three principal goals which are: social equity and diversity, an economic system that is socially equitable and does not damage the natural environment, and the preservation of the natural environment that sustains our culture. I previously served 2 years as chair of the Academic Senate Sustainability Committee and I want to continue as a highly motivated, well-informed, and active committee member.

Since Winter of 2002 I have been the lead faculty in CAED's interdisciplinary "Sustainable Environments"(SE) Minor courses EDES.406 & EDES.408. The SE Minor is one of only two academic programs at Cal Poly that are explicitly about Sustainability (SUSCAT) (SE Minor). For 25 years CAED's "Sustainable Environments" program has offered Cal Poly students an opportunity to shape their own education informed about principles and problems of sustainable environmental design with global, regional and local perspectives and concepts – and then to attempt to implement sustainable program provides students from across all majors at the university with knowledge and abilities needed to integrate concerns for ecology, social equity and economics within the context of human and natural resource systems and the built environment. The required backbone of the Sustainable Environments minor is a two-quarter, team-taught interdisciplinary sequence of "EDES" courses that has served as a model nationally and internationally for inter-disciplinary undergraduate core education in sustainability. Over 1,800 students, including students from every college at Cal Poly, have graduated with the "Sustainable Environments" minor and many of them have become very influential in the field of sustainability in their various disciplines.

The SE Minor program has received an unprecedented number of external recognitions. It won statewide recognition and "Best Practice Award" for "Sustainability in Academics" from the California Higher Education Sustainability Conference (CHESC) (out of all 8 UC campuses and the other CSU campuses) in 2015 (CHESC Award). In 2013 the program won a regional Green Award from the Central Coast Chapter of the U.S. Green Building Council (USGBC C4). (USGBC Award)

In 2011 I was awarded a Senior Fulbright Scholar grant to teach a version of the Sustainable Environments core courses at the University of Camerino in Ascoli Piceno Italy. (JReich Fulbright) In 2005 the Sustainable Environments program won the top national award for "Ecological Literacy in Architectural Education" from the American Institute of Architects out of 50 submissions by universities that applied. (Ecological literacy Award)

College of Agriculture, Food and Environmental Sciences

Budget and Long Range Planning Committee 2021-2023

Richard Volpe, Agribusiness (7 years at Cal Poly) Tenured, Incumbent

I have enjoyed my time on this committee and I have learned much about the university's operating budget. I would like to continue to serve so I can help keep my

peers informed about the budget and related decisions through the long-term recovery from COVID-19.

Distinguished Scholarship Award Committee 2021-2023

Matt Haberland, BioResource and Agricultural Engineering (2.5 years at Cal Poly) Tenure Track

One of my first memories as a new faculty member at Cal Poly is from the 2018 Fall Convocation. After my Ph.D. at MIT and postdoc at UCLA, I chose Cal Poly's tenure track appointment because it promised more balance between teaching and research, but I didn't want to leave my research behind me. Sitting in the audience at the impressive Harold Miossi Hall, my choice was reaffirmed: undergraduate teaching is paramount, as the outstanding work of the three recipients. I seek to complement these research and teaching roles through service as a member of the Distinguished Scholarship Award Committee.

I understand that general faculty representatives of the Committee should be recipients of the award; although I am not a former recipient, I have worked enthusiastically towards the criteria since that 2018 Convocation. The importance of my work to Cal Poly is evidenced by the six grants I have received as PI, including a \$200k grant from the Chan Zuckerberg Initiative Essential Open Source Software for Science program, nearly half of which has come to Cal Poly. My research has been important to Cal Poly students: \$20k and hundreds of hours of my time have supported the education of 16 students through research-funded senior projects, summer undergraduate research experiences, the BEACoN program, and research assistantships. The quality of my work is reflected in its use throughout industry and academia: since its publication in Nature Methods 13 months ago, "SciPy 1.0: fundamental algorithms for scientific computing in Python" has been cited 3400 times, and the software library it details continues to be used by millions of scientists and engineers around the globe. If no prior recipients from CAFES are available, thank you for considering my interest and qualifications as an evaluator for the award.

Distinguished Teaching Award Committee 2021-2023

Ann De Lay, Agricultural Education and Communication (13 years at Cal Poly) Tenured

As a faculty member in a discipline related to teaching and learning, I would appreciate bringing my expertise to the committee. I teach our department's teaching methods course for credential candidates, a college teaching course for graduate students, and supervise teacher candidates at the secondary level where I offer guidance and support as it relates to teaching and learning. I have received a college-level teaching award and support/mentor other faculty in our college with their teaching-related questions and challenges.

Franklin Gaudi, BioResource & Agriculture Engineering (18 years at Cal Poly) Tenure Track, Incumbent

I am currently serving on the DTA Committee and find it rewarding to see other instructors doing what they do best - teaching and engaging students in these unique times! I would be honored to continue serving on this committee.

Matt Haberland, BioResource & Agriculture Engineering (2.5 years at Cal Poly) Tenure Track

Entering my first year at Cal Poly, I thought I was already an excellent teacher. As a graduate student at MIT, I completed the MIT Teaching Certificate program, and I was nominated by my department for the Goodwin Medal, an institute-level award for "conspicuously effective teaching" by a graduate student. In 2014, I received the Graduate Teaching Award from the MIT School of Engineering, and as a teaching postdoc at UCLA, the Department of Mathematics chose me for their Distinguished Teaching Award in 2017. Despite my time at institutions that tend to prioritize research over teaching, I pursued tenure track positions only at undergraduate-focused universities because I sought more balance in my career. I wanted to be at a school where teaching is paramount, and Cal Poly is the perfect fit.

My first round of teaching evaluations revealed that I had much to learn! I have dedicated much of my time since then to meeting and exceeding the higher standards set by the faculty here, taking advantage of the CTLT "Getting a Good Launch" workshop last year and now the intensive ACUE (Association of College and University Educators) "Effective Online Teaching Practices" program.

I understand that general faculty representatives of the committee should be former recipients of the award, but if no prior recipients from CAFES are available, I wish to serve on the committee both to recognize outstanding teachers at Cal Poly and to learn from them to improve the effectiveness of my own teaching.

Diversity 2021-2023

Aydin Nazmi, Food Science & Nutrition (12 years at Cal Poly) Tenured

Most of my academic work and research portfolio over the past 15 years has been in the field of public health inequities in the context of sociodemographic factors. As a result, diversity, equity, and inclusion (DEI) are at the root of what I do in my research, teaching, and service. It stands to reason that my work is actually an extension of my self and as such, I am a person absolutely committed to equity in all things: social, economic, health- as a matter of justice and fairness.

My background as a German-born, Azerbaijani-Iranian US immigrant fleeing war who spent a decade in Latin America probably has something to do with my predilection for DEI issues. As my father likes to say, "We've always been foreign." The first five years of my family's tenure in the US was "illegal," the common term in the mid 1980s (today more politely known as "undocumented"). This gave me an acute taste of DEI issues early in my life, throughout school, and within society more broadly. I have now spent more than 50% of my life in the US and my own identity as a person of color has changed, and so has the society in which my identity resides. And I can confidently say DEI issues and DEI justice has never been more critical than right now. I reckon we've said that at every juncture, but just that fact sheds light on the continuing saga that justice-seekers must engage every minute to fight, sometimes for the smallest hard fought wins. But I think even those small ones are worth it (they all are).

As my circuitous American Dream progresses, I now stand with privileges I could not never have imagined. I think about my good fortune every day, and I intend to pay whatever energy I can forward, to the next generation and to those around me, to the best of my ability. In this committee, I will look for ways to promote understanding of DEI issues through evidence, narratives, and history as it pertains to Cal Poly and our place in the world. Given our large student population, I believe the committee should be student-centered in its thinking but also broach potentially thorny institutional and systemic issues as well.

Not to digress too much, but what we do in higher education resonates and sends waves throughout the whole of society, in our work and especially in our teaching. As such, we have a massive responsibility to spread the gospel of truth, narratives, and experiences from a DEI perspective and in the pursuit of leveraging and building upon our DEI capital.

My goal in this committee to ensure we are asking the difficult questions; the controversial ones and the seemingly intractable ones. My goal more broadly is to represent DEI interests in every unit of the university, to integrate and network with DEI projects/programs, and to push forward the difficult work of creating and maintaining an institutional and cultural organization that represents and equitably cares for its entire population.

Faculty Affairs 2021-2023

Eivis Qenani, Agribusiness (18 years at Cal Poly) Tenured, Incumbent

I would like to continue to serve in this committee to provide continuity; I have really enjoyed participating in such an important, well run, collegial and efficient committee. Thank you.

Sustainability Committee 2021-2023

Yiwen Chiu, Natural Resources and Environmental Sciences (7 years at Cal Poly) Tenured, Incumbent

My research focuses on understanding the coupling and interaction of human and natural systems by integrating spatial and temporal tools. My current on-going research effort aims to quantify the concept and practices of sustainability for supporting decision-making processes. In addition, I am also interested in advancing sustainability education by enabling students to engage in analytical and quantitative research by bridging course training and real-world application. With the teaching and research interests in sustainability, I have been the lead faculty to teach and conduct research in life-cycle analysis in the department of Natural Resources Management and Environmental Sciences since 2014. I have served in ASSC to represent CAFES since 2019, and collaborated with faculty from various departments to conduct campus-wide studies to improve the teaching and learning of sustainability. The collaboration and group effort aim to promote the practice of sustainability at an institutional level. The continuity of serving in ASSC will enable me to maintain the momentum for supporting Cal Poly's sustainable development.

Tim Delbridge, Agribusiness (5.5 years at Cal Poly) Tenure Track

I am interested in serving on the Academic Senate Sustainability Committee because my research interests as well as my recent service activities are in strong alignment with the committee's charges related to sustainability in the University curriculum and the creation and assessment of SLOs. A major component of my research agenda has focused on economic issues related to the farm-level decision to adopt sustainable production systems, particularly organic systems. I have published several articles and have several ongoing projects related to the economics of organic management, non-pecuniary drivers of, and barriers to, organic adoption, and the impacts of policy and environmental factors on farmer decision making around sustainable agriculture. I have also served as the chair of the Agribusiness Department Assessment Committee since 2018 and have managed our department's expansion and formalization of assessment activities.

I am eager to help the committee advance the goals of supporting faculty in the development of courses related to sustainability, developing SLOs for students, and finding creative ways to incorporate students and their ideas into sustainability efforts across campus. I have been leading the AGB Senior Project course for a couple of years and I know that there are many students that are excited about topics of sustainability in agriculture and business, but have struggled to identify opportunities to explore. I believe strongly in the committee's mission and I hope to have the chance to help.

Research, Scholarship and Creative Activities 2021-2023

Seeta Sistla, Natural Resources and Environmental Sciences (2 years at Cal Poly), Tenure Track

I am writing to express my interest in serving on the Research, Scholarship and Creative Activities (RSCA) Academic Senate Committee. I am currently an assistant professor in the Department of Natural Resources Management and Environmental Sciences. My scholarship focuses on characterizing how land systems respond to environmental changes using a coupled human-natural systems approach, and projecting how these responses can feed back to affect larger-scale ecosystem processes, like carbon sequestration. I have applied this expertise through student mentoring, teaching, outreach to the public and policymakers, and successful grant writing. These experiences provide me with a suite of research advocacy skills to contribute to the Cal Poly community if I were to join the Academic Senate RSCA committee.

Since joining the Cal Poly faculty in Fall 2019 (after four years on the faculty of Hampshire College), I have been deeply engaged in developing collaborative research projects with CAFES faculty and across the University, CSU and UC systems, and nationally. I have worked closely with the Grants Development Office as both a lead PI and co-I on the submission of (successfully funded) state and federal grants, as well as serving as an undergraduate research mentor through the BEACoN program. I also am a regular participant in the CAFES Research Roundtable meetings, which connects me to RSCA-related concerns at the college-level. Through these experiences, I have developed a better understanding of the strengths, weaknesses, and potential for growth in the realm of RSCA at Cal Poly.

My research trajectory has deeply shaped my commitment to encourage students from a diversity of backgrounds to critically engage with scholarship and to recognize that they can become active contributors to the development of new knowledge. As a first generation American and person of color, I have the ongoing experience of navigating complex power dynamics and structural inequities within the scientific community and academia more generally. I bring this experience to my research and teaching by working to create spaces in which people from diverse backgrounds become empowered to engage with scholarship and currently sit on the CAFES DEI committee to increase my efficacy in supporting these goals. As an RSCA Academic Senate committee member, I would work to advocate for continued development of the teacher-scholar model that is the cornerstone of the Cal Poly Learn By Doing philosophy, with particular emphasis on supporting the ability of faculty from a diversity of backgrounds to integrate novel, collaborative, and interdisciplinary research activities into their courses to support holistic scholarship.

Keri Schwab, Experience Industry Management (8 years at Cal Poly) Tenured, Incumbent

I have served on this committee for 3-4 years, one as a member and now two as chair. Last year, we accomplished the passing of a resolution on ORCID, which will This year, we clarified how IDC funds were used and hope that will inform senate as to where funds go and are/are not allocated for research/scholarship. Our current charge is larger: to assess how covid impacted RSCA among faculty. We are currently gathering existing data from larger studies, and then will likely gather qualitative data around campus to document the impact on faculty. We are open to other 2021-22 charges as needed, and I think the committee members have appreciated both the flexibility and clear direction from senate chairs.

College of Engineering

Budget and Long Range Planning Committee 2021-2023

Curriculum Committee 2021-2023

Aaron Keen, Computer Science and Software Engineering (19 years at Cal Poly), Tenured Incumbent

I write to express my interest to continue serving as the College of Engineering representative on the Academic Senate Curriculum Committee. I am completing my second year as the College of Engineering representative. A significant portion of my professional interests for the past decade has centered on curriculum at both the program level and at the course level. My goals in these efforts include increasing flexibility in choice, reducing barriers through (among other things) streamlined requirements, increasing retention through improved preparation, and continuously evolving a modern curriculum. I have served as the chair of the Computer Science and Software Engineering Department curriculum committee since Fall 2009 (with the exception of one year during a leave) and, as such, as a member of the College of Engineering Curriculum Committee for that same duration. During that time, the CSSE-CC has worked to evolve the Computer Science and Software Engineering curricula to increase flexibility and to reduce impediments to graduation while maintaining high quality. As chair of the curriculum committee, I have also worked with other invested parties to develop new programs to provide cross-disciplinary educational experiences (such programs include the crossdisciplinary minors in Computing for the Interactive

Arts, Data Science, and Bioinformatics). My interest in serving on the ASCC stems from a desire to better serve the college and the university by moving beyond my department. I hope to carry forward the goals of increasing flexibility, reducing barriers, and improving access.

Distinguished Scholarship Award Committee 2021-2023

Bridget Benson, Computer Engineering (10 years at Cal Poly) Tenured

I would like to learn more about all the different scholarship and research activities going on in the university and help to recognize exemplary efforts in this area.

Faculty Affairs 2021-2023

Fairness Board 2021-2023

Hasmik Gharibyan, Computer Science and Software Engineering (23 years at Cal Poly) Tenured, Incumbent

I am a full professor with 35 years of university teaching experience (23 years at Cal Poly). Honesty, fairness, and integrity are essential for me. Particularly, equal and fair treatment of students have always been at the center of my attention throughout my whole academic life. I greatly appreciate the opportunity to help resolve conflicts and grievances that arise between students and professors at Cal Poly. I would love the opportunity to continue my service at Fairness Board.

Bryan Mealy, Electrical Engineering (18 years at Cal Poly) Tenured

Students need a viable recourse when they feel they have been treated unfairly by instructors. The Fairness Board is thus part of a foundational network of resources available to students at Cal Poly to ensure students feel supported in their courses when issues of arise. The notion of continued virtual course due to the pandemic and the newness of teaching course in a purely online format underscores the importance that students know they have options when they feel they were not treated fairly.

I am currently serving on re-writing the CFPP (CENG Faculty Policies and Procedures) document. This document represents an overdue updating of the current CFPP document as well as a required effort to make the CFPP compliant with the newly updated UFPP. We've made some important additions to the document to clarify the college-level interface between individuals and departments (which is all I can say now). I completed the TIDE course (Teaching for Inclusivity Diversity and Equity) in Summer 2019, which has significantly influenced my personal approach and vision as an instructor and mentor for students.

I've previously served on the Fairness board for two terms. What impressed me about that service was the overall importance of the board. That being the case, I found it strange that the board heard so few cases despite the fact that many of my students had valid fairness issues with their instructors. My goal as a Fairness Board member would be to ensure that all students know about the Fairness Board and the resources it can provide for students. I base this goal on the fact that I often ask my students if they know anything about the fairness board; very few of them have ever heard of it. I know the Fairness Board can enhance its efficacy if more students were simply aware of its

existence.

Grants Review 2021-2023

Tina Smilkstein, Electrical Engineering (11 years at Cal Poly) Tenured

I have served on that committee before and enjoyed and contributed (I think so anyways).

Research, Scholarship and Creative Activities 2021-2023

Majid Poshtan, Electrical Engineering (6 years at Cal Poly) Tenure Track

My motivation in joining the Cal Poly Academic Senate Research, Scholarship, and Creative Activities Committee is to serve my colleagues and students in a collaborative decision-making manner with the Cal Poly administration for a better future. I hope to become a sincere and dedicative partner with the administration in working out the common ground from which to face challenges, like the COVID pandemic. I am looking forward to joining a professional services group that partners with Cal Poly's administration for facilitating effective collaboration with a cohesive team harmony. I am ready to serve on the Academic Senate Research, Scholarship, and Creative Activities Committee beyond my original work and academic responsibilities. I have a deep commitment to friendly and professional dialogue, always encourage open discourse on complicated and challenging issues, and listen to various viewpoints in a diverse environment. The Research, Scholarship, and Creative Activities Committee makes recommendations on University policies and procedures regarding the scholarship. The committee also provides advice and guidance regarding the scholarship to Kennedy Library, Information Technology Services (ITS), Cal Poly Technology Park, University committees, and campus research centers and institutes. The members consult with the administration, faculty, and the governing institutions to perform their Cal Poly duties on Research, Scholarship, and Creative Activities. The members are the faculty's representative agents at Cal Poly for academic/administrative recommendations and consultative roles. They work in a collaborative decision-making manner with the appropriate Cal Poly authorities.

The following is a list of my skills and expertise relevant to the Academic Senate Research, Scholarship, and Creative Activities Committee, as presented here:

- More than 60 peer-reviewed scientific/engineering papers after 2008
- Received funding for the following research projects:
 1. Underground Cable Design for Microgrid at Cal Poly Student Project, \$5000, EPRI – October 2020
 2. \$50,000 to develop the EE Power Protection Lab in 4 phases:
 3. Environment-Friendly Electric Bicycles Charging Station for Cal Poly Campus by Wind Power Energy, Cal Poly Baker/Koob Project, \$4700, December 2019
 4. Complete 4th Phase of the development of Cal Poly EE Department Electric Power Protection Laboratory for Education and Research – 8 Licenses for SEL-5601 Synchro Wave Software – EE Microgrid Laboratory - \$4360 from SEL USA – May 2019
 5. 3rd Phase of the development of Cal Poly EE Department Electric Power Protection Laboratory for Education and Research – Omicron Protection Relay

- Testing and Calibration System – EE Microgrid Laboratory - \$25000 donation from Omicron USA – April 2019
6. 2nd Phase of the development of Cal Poly EE Department Electric Power Protection Laboratory for Education and Research – Circuit Barker Design and Measurement - EE Microgrid Laboratory - \$4750 from REC Solar USA – April 2019
 7. SEL Training for the development of Protection System – EE Microgrid Laboratory – \$5300 from Chevron USA – January 2019
 8. 1st Phase of development of Protection System – Generation System - EE Microgrid Laboratory - \$5400 from R-IDC Cal Poly – December 2018
 9. Measurement of Efficiency, Consumption, Power Factor and Mechanical Torque for GEMBRAP Single-Phase Electric Motor - \$3000 from GEMBRAP Brazil – June 2018
 10. A US\$600,000 project on wide-band filter design for harmonic mitigation of 850 kW oil drilling induction motors (2010)
 - Chair, PTAC (EE Power Technical Area Committee) 2019 – Present
 - Member, EECC (EE Curriculum Committee) 2019 – Present
 - Member, PTAC (EE Power Technical Area Committee) 2015 – 2019
 - Member, LTAC (EE Lab Technical Area Committee) 2020 – Present
 - Member, CTAC (EE Circuits Technical Committee), 2016 – Present
 - Member EE Micro-Grid team, 2015 - Present
 - Club Advisor IEEE-PES Student Branch 2020 – Present
 - Club CO-Advisor IEEE-PES Student Branch 2018 – 2020
 - ABET course coordinator for EE212, EE242, EE255, and EE295
 - Continuously achieved high student evaluation in EE Department
 - Panelist of GRFP (National Science Foundation Graduate Research Fellowship Program) (2017 – Present)
 - Industrial Electrical Engineering background at Entergy Corp, New Orleans, USA, Contractor Engineer in Transmission Planning (1998 – 2002)
 - Best Paper Award, "Algorithmic Approaches to Characterizing Power Flow Cyber-Attack Vulnerabilities," IEEE ISGT 2019, February 17-20, Washington DC,
 - Best Paper Presentation, "Algorithmic Approaches to Characterizing Power Flow Cyber-Attack Vulnerabilities," IEEE ISGT 2019, February 17-20, Washington DC,
 - Member of IEEE, Eta Kappa Nu, and North America Reliability Engineering Society
 - Nominated for ASEE PSW 2017 Best Teaching Award
 - Frequent reviewer of IEEE Journals, IEEE, and Eta Kappa Nu Member, North America Reliability Engineering Society member
 - Outstanding Service Award 2008, Petroleum Institute of Abu Dhabi National Oil Company
 - Distinguished Teaching Award 2005, Petroleum Institute of Abu Dhabi National Oil Company, UAE
 - US State Department Recognition Medal for 44th Senior Seminar for International Scholars 2001

ACADEMIC SERVICE - BEFORE JOINING CAL POLY IN JANUARY 2015

- I. CHAIRMAN OF: PI Outreach Committee (2010-2011), the IEEE Steering Committee for UAE-IEEE-2010 Student Competition, PI-EE Lab Committee (2004

- 2011), Power Focus Group for ABET Accreditation (2010), Counselor of the PI-IEEE Student Branch (2007-2011)
- II. MEMBER OF: The UAE Renewable Competition Steering Committee (2010-2014), AUD outreach committee (2011-2014), PI Faculty Teaching Award committee (2007 and 2006), PI Faculty Advisory Committee (2006 – 2011), EE Search Committee (2006 - 2009), EE Student Activities Committee (2005- 2011), PI Faculty Handbook Committee (2003 - 2004), ABET & CAMS (ADNOC) Committee (2003)

Fairness Board 2021-2023

College of Liberal Arts

Distinguished Teaching Award Committee 2021-2023

Brian Kennelly, World Languages and Cultures (14 years at Cal Poly) Tenured, Incumbent

I have been honored to have served on the committee since 2017 (and as Chair since 2019).

COVID-19 has posed many challenges for our important work. But we have been able to make accommodations / adjustments and to have recommended awardees to the President, nevertheless.

Awardees for 2019-20 are expected to be announced (late) by the President's Office in Fall 2021.

Our important work continues. We should have awardees to recommend for the 2020-21 academic year to the President's Office by May 2021. They should also be announced by the President's Office in Fall 2021.

Diversity 2021-2023

Xiaoying Rong, Graphic Communications (16 years at Cal Poly) Tenured - Incumbent

I joined Cal Poly in 2005. As a Professor of the Graphic Communication Department, I actively advise students with diverse backgrounds, served the community as a volunteer, and actively involved in industry women forums to promote gender equity.

I started to work with a group of women leaders in SGIA (Specialty Graphics and Imaging Association) in 2011. I served as the board member of Women in Print Alliance when it was found in 2016. I actively promote women role models in a predominantly male industry. I was selected as the Women in Screen Printing in 2020 to recognize my mentorship to women students in my program. This award recognized six women leaders and mentors who support gender equity in the male-dominated industry for the first time.

I volunteered in a local Chinese association to promote Chinese heritage and culture. I spent my spare time creating materials for PRs to introduce Chinese holidays, foods, fun factors, and organized social events to connect with the local community.

I am an active advisor to my students with diverse backgrounds. I worked with students in the marginalized groups to apply for industry scholarships, advise them to explore their career path through student clubs and extracurricular activities. I helped students build self-confidence by showing them how I overcame obstacles of my own career.

I am an active researcher who collaborated with a diverse group of partners on and outside the Cal Poly campus. My background and research interests mainly focused on engineering topics. I experienced the challenges of working with partners and PIs who are males. My contribution to the projects promoted a positive picture of women in STEM and technologies.

My goal as a woman of color is to promote diversity with a more inclusive approach, welcome and embrace different socioeconomic, ethnic, and gender groups. The more participation from the diverse groups, the better we can promote diversity. I hope my experience and background in working with diverse groups can make a positive contribution to campus diversity initiatives.

Fairness Board 2021-2023

Anika Leithner, Political Science (15 years at Cal Poly) Tenured, Incumbent

I have been serving as the Fairness Board chair for several years now. If I am still eligible, I would gladly continue to serve in that capacity. I have accumulated a lot of institutional knowledge and feel confident that I can continue to discharge my duties as chair as required by our bylaws and in accordance with university policies.

Grants Review 2021-2023

Dawn Neill, Interdisciplinary Studies (13 years at Cal Poly) Tenured, Incumbent

I seek appointment to the Grants Review Committee. In service efforts, I strive to be involved in areas that complement my interests and expertise. Given my experience, the Grants Review Committee is a good fit. I hold graduate degrees in both Anthropology (PhD) and Public Health Nutrition (MS) and have a broad array of interests related to cultural, biological, and ecological issues, especially in an interdisciplinary capacity. I have earned two research grants from the National Science Foundation (NSF) (Dissertation Improvement Grant, \$12,000, 2004; Cultural Anthropology Research Grant, \$220,000, 2010-2013). I have mentored colleagues and students in the research process, including assisting four undergraduate students to formulate and submit their own research proposals to NSF (2 funded in 2010; 1 funded 2011; 1 funded 2012). I have reviewed grant proposals for National Science Foundation-Cultural Anthropology and reviewed papers for Demography and Human Nature. I also am serving a third three-year term to a National Science Foundation Grants Review Panel.

The main duties of the Grants Review Committee are to evaluate Cal Poly Faculty research proposals (RSCA) and review student submissions for the CSU-wide research competition. I have ample experience reviewing faculty research and working with students through the undergraduate research process. I have attended the CSU-wide student research competition and advised two Cal Poly Liberal Arts students presenting their research – both of whom received awards. Given my experience working with

student researchers and writing and reviewing grants, I think I am good fit for the committee.

GE Governance Board 2021-2024

Rachel Fernflores, Philosophy (20 years at Cal Poly) Tenured, Incumbent

I would like to continue to represent the CLA on the GEGB, particularly throughout the rest of the GE re-certification process. The GEGB has been working incredibly hard over the past three years and I am proud of both its work, and my contributions. I chaired the Area C workgroup charged with developing the educational objectives and criteria for Area C, which was ultimately passed by the Academic Senate. Since then, GEGB has been reviewing re-certification course proposals. We spend a lot of time on every proposal to ensure that they are student learning centered and for educational parity across different prefixes in GE areas, especially in the foundational classes (golden four). I know that some faculty members have been frustrated with the rollbacks from GEGB, but it is important that GEGB not simply be rubber stamping courses that met the old GE objectives and criteria. We have approved all but two course proposals thus far and in 20 years, when new faculty look at all of the proposals for each area, the high standard of our efforts to work with faculty to achieve education parity will be evident.

I have been working directly with GE since 2009, when it was actually not under Academic Senate purview. Instead, it was housed in the Office of the Provost. The GE climate on campus beginning in the late 1990s with GE 2000 was, I understand, quite toxic, so the Academic Senate agreed to move GE into the Office of the Provost. My first goal as Academic Senate chair in 2009 was to bring GE back into the Academic Senate due to our deeply held belief that the curriculum is owned by the faculty. I chaired a large GE governance task force that year with broad representation from across the colleges and the administration to produce what we now refer to as the Academic Senate General Education Governance Board

(<https://digitalcommons.calpoly.edu/cgi/viewcontent.cgi?article=1713&context=senate-resolutions>). After what was an enormous and sometimes very difficult effort, including for me as the lead, we as a faculty worked through our fears and anxiety about bringing GE back into the direct purview of faculty governance. It was a difficult time for many, especially in the CLA. But it was the right thing to do and today, our general education program is better than it was, mainly because we can now work together on improving it. By a unanimous vote GE was back in the Academic Senate by spring of 2010. As Senate chair I also led the effort to expand GE offerings of courses in languages other than English. With some breaks, I have been working with GEGB ever since. I would like to serve one more term through the recertification process and then, in all probability, hang up my GE hat (apart from teaching GE course). Thank you for your consideration of my statement of interest!

Silvia Marijuan, World Languages and Cultures (6 years at Cal Poly) Tenure Track

I am an applied linguist with a strong background in the social sciences and the humanities and with experience in curriculum development, assessment, and online

teaching. I received my Ph.D. from Georgetown University where I studied course design, teaching methods, program evaluation and assessment with experts in linguistics, language testing, and program assessment in higher education. Since I started working at Cal Poly, I have served on both the WLC Department curriculum and assessment committees. I currently serve on the University Academic Assessment Council. In addition, I have worked on program development and assessment for the International Center at Cal Poly. At Cal Poly, I have developed new courses (including a GE D5 course), and I collaborated with the Cal Poly Scholars Program to develop the curriculum for a first-year experience course (UNIV 100). Additionally, I have obtained approval for the e-learning addendum to convert a face-to-face course into an online format. While at Cal Poly, I also created the specific courses needed for the post-baccalaureate Single Subject Credential (Spanish and French) in collaboration with the School of Education. I have served on several committees and task-force groups such as the Re-imagining the First-Year of College Team (AAUSCU), Extending the First-Year Experience Task Force Committee, and the CLA Faculty Diversity Committee. In Spring 2018, I served as a substitute CLA Senator. In 2019-2020, I participated in the Middle Leadership Academy at the CSU level, the Leadership Academy at Cal Poly (Academic Personnel) and the Cal Poly Scholars Task Force. I am currently working with the Office of Writing and Learning Initiatives and the CTLT on the expansion of the GWR across the curriculum to add a GWR designation to a course I previously created (WLC 370). Serving as a CLA representative on the GE Governance Board will give me the opportunity to grow and give back to my college and Cal Poly.

College of Science and Math

Curriculum Committee 2021-2023

John Walker, Statistics (19 years at Cal Poly) Tenured, Incumbent

I have served on my department, college, and the AS curriculum committee for many years. During that time I've become very familiar with the University's curriculum processes and how to use them to solve various issues in course and program development. In the past few years, I have also gained experience in program development by working on the team developing a proposal for an MS in Statistics. My current interests on the ASCC include developing updated guidelines for unit double-counting between majors and minors, academic integrity (especially in what I expect to be an expanded post-pandemic online environment), and the use of courses for extracurricular credit. I hope to spend my next term aiding in the development of fair and flexible University-wide guidelines in these areas to aid faculty in their own course and program development.

Distinguished Teaching Award Committee 2021-2023

Elena Keeling, Biological Sciences (24 years at Cal Poly) Tenured, Incumbent

I felt incredibly honored to receive the Distinguished Teaching Award in 2007, and am thoroughly enjoying serving on the DTA committee this year. I have spent many years evaluating my colleagues' teaching through the RPT process and am always impressed by the range of successful teaching approaches. In my mentoring of junior faculty members, I try to help them develop their own effective teaching strategies. I have also chaired the CSM Curriculum Committee for many years, so I have experience thinking about pedagogical strategies from a curriculum perspective. It is fascinating to observe

the finalists this year and it makes me proud of my talented and inspiring colleagues. I would be honored to continue being part of the selection process for the next DTA recipients.

Diversity 2021-2023

Louise Edwards, Physics (5 years at Cal Poly) Tenure Track

I have served the Physics Department's Diversity and Inclusion committee for three years, both as an active member and as Chair. I have participated in the OUDI's TIDE program, several of the OUDI diversity workshops, and created my own diversity infused curriculum for young astrophysics researchers (presented at this year's Teach-In). My devotion to the topic thus comes from an educated stand point. I have collaborated already with many in the university on diversity-related projects, including in particular LSAMP and BEACON, being an official mentor in both programs. I act as a mentor for new professors hired in the 2019-2020 diversity cluster hire, and so have been building strong bonds with university members beyond the Physics department. It was an honor to serve on the recent Provost Hiring Committee - there I had the chance to work alongside members from the Academic Senate, Academic Affairs, and Student Affairs - and it would be my pleasure to continue to work with these stakeholders as a member of the Diversity committee. I have been chair of many NASA review panels in the past, and I would be happy to serve as chair for this committee, if release time was available.

Faculty Affairs 2021-2023

Eric Jones, Chemistry (7 years at Cal Poly) Tenured, Incumbent

I have served on this committee for the past two academic years (but am currently on leave). Together with the other members, I have contributed to the migration of all personnel policies to the new UFPP document. As a member of my department's faculty matters committee, in which we are revising our departmental personnel document, I feel my work with FAC will make me an asset to my own department's evolving policy needs regarding faculty, and also that my work in my own department will help me to identify needs that should be raised with the Academic Senate. For that reason I am interested in continuing for another two years with FAC.

Fairness Board 2021-2023

Corinne Lehr, Chemistry and Biochemistry (16 years at Cal Poly) Tenured, Incumbent

I have served on this committee for several years and wish to continue.

Instruction Committee 2021-2023

Kris Jankovitz, Kinesiology and Public Health (34 years at Cal Poly) Tenured, Incumbent

I am interested in continuing service to the university on the Academic Senate Instruction Committee. My interest in service on the Instruction Committee stems from my commitment to policies and practices in support of instruction, delivery of the curriculum, teaching and learning. Many of the policy recommendations reviewed and proposed by the instruction committee impact students, faculty and staff through the day to day operations of instructional departments serving the primary mission of the university. My experience at Cal Poly includes being a student, support staff member and a tenured faculty member. Part of facilitating student success involves practices,

procedures and policies that are; well developed, evidenced by best practices, can be easily understood for compliance, and can be implemented successfully. The Instruction Committee generates effective policy recommendations by reaching out to campus stakeholders and gathering as much information as possible about the nature of problems that the policy seeks to remedy and gathering a range of potential solutions with an eye toward understanding the practical and logistical implications for different instructional programs. I believe that my experience as a Department Chair, Department Scheduler, Academic Senator, 3 years as Vice-Chair of the Academic Senate has provided me a foundational understanding of how the university operates. As a faculty member, I have experience where the “rubber hits the road” when it comes to practices and policies that influence teaching and learning, adhering to campus policies regarding communication with students, providing clear expectations for and evaluation of student achievement with compliant syllabi, being available to students through office hours, the support that is needed for effective use of learning management systems, technology in the classroom, transitioning to on-line teaching, etc. As a Department Chair I have had the responsibility to manage the logistics of policy implementation, particularly as it relates to making sure that conditions exist for faculty and students to be successful in teaching and learning. I also have the responsibility to make sure that new faculty are made aware of policies and expected practices. As a Department Chair I have experience with the class scheduling process and the challenges of meeting demand for classes, block scheduling, enrollment planning and management, hiring and onboarding and supervising temporary faculty. I have experience complying with (and navigating) policies recommended by the Instruction Committee. Another component of policy recommendation is an understanding that all change, even good changes, are disruptive to the organization and that the successful adoption of policy requires the right combination of support and pressure and enough time to troubleshoot those factors that will go wrong before things go right. I believe that my background and experience on campus can bring a perspective that will contribute to the work of the Instruction Committee. Some of those experiences include service on other committees (Substance Abuse Advisory Committee, Strategic Planning Committees, department facilities and safety committee, department curriculum and assessment committee); successfully proposing a new degree program; served as lead on program review, self-study and action planning; served as a graduate coordinator for 6 years, service on college professional leave committee and PRC committees, 8 years of service on the Academic Senate; 3 years as Vice-Chair. I respectfully request your consideration of my qualifications to serve on the Academic Senate Instruction Committee and I would consider it a privilege to serve.

Orfalea College of Business

Budget and Long Range Planning 202-2022

Distinguished Scholarship Award Committee 2020-2022

Bradford Anderson, Accounting and Law (15 years at Cal Poly) Tenured

I served as the Academic Affairs representative on the Distinguished Scholarship Award Committee while I was Interim Vice President of Research (2013-2019) and appreciated the opportunity of learning about the amazing intellectual contributions and scholarship of our campus faculty. If selected to serve on the Committee again (now, as a faculty

member), I would collaborate with my colleagues and continue to objectively analyze applicants for this important award. Thank you for consideration of my application.

Mahdi Rastad, Finance (8 years at Cal Poly), Tenured

I have been on a similar committee at OCOB (scholarship and award committee) and now looks forward to contribute to campus community and learn from the experience of other colleagues across campus.

Distinguished Teaching Award Committee 2021-2023

GE Governance Board 2020-2023

Fairness Board 2021-2023

Research, Scholarship and Creative Activities 2021-2023

Chris Carr, Accounting and Law (21 years at Cal Poly), Tenured

Senior professor in the OCOB.

I value and am still active in research. E.g., recently co-PI'd \$280k in USDA federally funded grants.

Former associate dean of OCOB grad programs and research (2004-2009).

Faculty Bio:

<https://www.cob.calpoly.edu/directory/profile/chris-carr/>

SSRN Page: SSRN Research page: <https://ssrn.com/author=60489>

Professional Consultative Services

Budget and Long Range Planning Committee 2021-2023

Curriculum Committee 2021-2023

Distinguished Scholarship Award Committee 2021-2023

Distinguished Teaching Award Committee 2021-2023

Diversity 2021-2023

Mark Bieraugel, Library (9 years at Cal Poly) Tenured, Incumbent

I have a long and on-going interest in creating a more inclusive, welcoming, and just plain fabulous climate on campus. As a non-binary queer person I feel that it is important to have my voice heard on this committee. I've served on numerous DEI related committees/working groups in our library and across campus, including the PRIDE FSA and OUDI related groups. I want to continue my work on the committee and help out.

Fairness Board 2020-2022

Sustainability Committee 2021-2023

Grants Review 2021-2023

Sarah Lester, Library (2.5 years at Cal Poly) Tenure Track, Incumbent

I hope to continue working with the Grants Review Committee. I have a number of years of experience in peer review for professional conferences. In my role at the library I

work with students and faculty on research and the GRC work provides great insight into the research activity at Cal Poly.

Instruction Committee 2021-2023

Zach Vowell, Library – Academic Services (7 years at Cal Poly) Tenured, Incumbent

I am interested in continuing my service on the Instruction Committee so that I can provide a library perspective to instruction, academic calendar, grading, and admissions issues that arise at Cal Poly. In particular, my work on making archival resources more accessible will be relevant for the committee's work on the accessibility and affordability of instructional materials, and my close working relationship with my college librarian colleagues will inform my contributions to the committee's other charges.

GE Governance Board 2019-2022

3/23/21sb

Statements of Interest Received for 2020-2022 University Committee Vacancies

(All appointments are for 1-year unless noted below)

Academic Assessment Council - Four vacancies: CAED (2019-2022), OCOB (2020-2023) and PCS (2020-2023)

CAED (2019-2022)

CLA (2021-2024)

CSM (2021-2024)

Joyce Lin, Mathematics (8 years at Cal Poly) Tenured

I have been on the Academic Senate for 3 years, and have seen academic policies made on a broader scale in response to assessment. I have also been on our department assessment committees twice, once when I first arrived at Cal Poly, and again in the last two years as a tenured professor. I loved seeing how we looked at our programs and addressed any shortcomings in an effective, well-thought-out manner from the perspective of a new faculty member, then as a more seasoned one. I would like to continue to participate in this capacity: in the coordination and creation of assessment resources, working with others on a campus-wide level.

PCS (2020-2023)

Academic Council for International Programs – One Vacancy (2021-2024)

Xiaoying Rong, Graphic Communications (16 years at Cal Poly) Tenured

I joined Cal Poly in 2005. As a Professor in Graphic Communication Department and a native Chinese, I am involved in advising students on study abroad and exchange programs shortly after I joined Cal Poly.

My earlier activities with the International Program included participating in the CSU study abroad program to interview applicants and advise students on living and studying in a foreign country in 2006, 2007, and 2015.

I led students on an extended field trip to China in 2008. On this trip, students visited the graphic communication industry and participated in seminars with the students from the Beijing Institute of Graphic Communications. They also visited the cities of Beijing and Shanghai to immerse themselves in the culture.

In the following years, I actively participated in the faculty exchange program with universities from China, Japan, and Germany. I monitored five visiting faculty from three institutes of China. I hosted a visiting scholar from Japan for two years on a research project. I participated in the exchange program with Munich University of Science and Technology. During my last sabbatical in 2019, I visited and taught a course at Munich to further connect with the institute on collaborations. I advised a master's student from India to complete his master's thesis.

In the Winter quarter, I started exploring virtual exchange in one of my own classes to bring exchange experience to the classroom without traveling and extra expenses. I participated in CLA's virtual exchange training with Unicollaboration and actively developed virtual exchange activities through my own class.

I have strong connections with the institutes in China and Germany. My years of experience with international institutes, students, and faculty made me a good candidate for this committee. My professional goal of participating in the international program is to promote students with opportunities to learn from a different culture, appreciate diverse backgrounds, develop critical thinking skills with the global environment in mind, and be mindful of respecting another culture when working with people from different countries. Faculty exchange also provides valuable experience for faculty to learn and understand different cultures. This is another goal that I actively worked on.

I appreciate the opportunity to serve on this committee and make positive contributions to the international program at Cal Poly. Thank you for your consideration.

Cal Poly Corporation Board of Directors – One vacancy (2021-2024)

Louise Edwards, Physics (5 years at Cal Poly) Tenure Track

I had the pleasure of serving on the most recent Provost Search Committee with the current chair, Cynthia Villa. As a tenure track member of the community, that was one of the first service roles I played outside of my department. As I go up for tenure next year, I am looking forward at what my role at Cal Poly will be, and I am eager to take part in more university service and to learn how the various components work together. I hire several students through CPC via my external grants, live at Bella Montana Homes, print student posters for conferences, and of course eat regularly on campus. All this to say, the reach of the CPC is far and exceptionally important to the rich experiences of our faculty, staff and students - I look forward to engaging deeply in the process.

Cyrus Ramezani, Finance (22 years at Cal Poly) Tenured

I have served on this committee twice and have experience with its workings and required duties. I will honored to serve again

Mahdi Rastad, Finance (8 years at Cal Poly) Tenured

I look forward to contribute my skills and experience as business faculty to an economics unit on campus. I have been a board member of other units on campus in the past. I truly enjoyed interacting with my colleagues and work with them to improve management of those units.

Steven Rein, Statistics (22 years at Cal Poly) Tenured, Incumbent

I would appreciate being considered for a second 3-year term on the Corporation Board. Having served and continuing to serve in the Senate, on the ExCom of the Senate, on Budget and Long Range Planning and now the Statewide Senate and the Fiscal and Governmental Affairs Committee of the ASCSU, I think I am developing as good an understanding of how financials work at Cal Poly and systemwide. Understanding the unique way that CSU auxiliaries are allowed to function at within the CSUs and knowing what the Corporation does and has done locally allows me to represent the faculty position adequately during board discussions. I think that two terms in this role is ideal. I believe that the individuals in this position should rotate from time to time, but without the right background, the learning curve is fairly steep, so even if I am not selected, I would encourage those making the choice to only select someone who could serve in this role for two full terms.

Campus Dining Advisory Committee - One vacancy (2021-2023)

Bing Anderson, Finance (17 years at Cal Poly) Tenured

I have served on the Campus Dining Advisory Committee for some years by now. From my

first-hand experiences and from the input I received, I have brought plenty of negative and positive feedbacks to the CDAC over the years. I hope to continue this work, and help to improve our campus dining experience from a user's perspective.

Campus Planning Committee ; Two vacancies – (2021-2023 and 2021-2023)

Campus Safety and Risk Management Committee - One vacancy (2021-2023)

Brian Healy, Theatre and Dance (4 years at Cal Poly) Tenure Track

While my faculty duties at Cal Poly currently do not directly correspond to Facilities Management, risk assessment and safety are still regular considerations in my work (Theatre and Dance Scene Shop). I also participate in the mandated annual assessment and testing for hazardous equipment / materials.

In all of my previous academic positions, dating back to 2003 and as recent as 2017, I have been directly responsible for the daily and long-term operational safety and use of managed spaces, accessibility, and emergency planning / preparedness, as well as the direct point of contact for emergency response.

I served as a faculty representative to the Campus Safety Committee at Lake Forest College (IL) from 2014 through 2017. In that same time, I also served as faculty representative to the Coalition Against Sexual Misconduct. I was also the Faculty Technical Director and Theatre Manager (Hixon Hall) during this same time (1 performance space and 1 scene shop).

I was the Technical Director (plans builds, supervises shops and performance spaces) of the Theatre Department at Utah Valley University from 2011 - 2014 (1 performance space and 1 scene shop).

I was the Technical Director and Theatre Manager for Bellevue College (WA) from 2003 – 2011 (2 performance venues and 1 scene shop).

Majid Poshtan, Electrical Engineering (6 years at Cal Poly) Tenure Track

My motivation in joining the Campus Safety and Risk management Committee is to serve my colleagues and students in a collaborative decision-making manner with the Cal Poly administration for a safer campus. “ The Campus Safety & Risk Management Committee is appointed by the President to identify, evaluate and recommend appropriate actions to manage risks associated with campus activities. The Committee’s primary focus is to prevent injury, illness, or damage to Cal Poly assets. The Committee shall establish a process to facilitate learning and communicating information regarding identified hazards and prudent preventative measures. The Committee membership shall include representatives from across the Campus to realize a broad range of perspectives. The Committee shall include subcommittees designated to address specific categories of safety and risk management.(Quote)” I hope to become a sincere and dedicative partner with the administration in working out the common ground from which to face challenges, like the COVID pandemic. I am looking forward to joining a professional services group that partners with Cal Poly's administration for facilitating effective collaboration with a cohesive team harmony. I am ready to serve on the Campus Safety and Risk Management Committee beyond my original work and academic responsibilities. I have a deep commitment to friendly and professional dialogue, always encourage open discourse on complicated and challenging issues, and listen to various viewpoints in a diverse environment.

The following is a list of my skills and expertise relevant to the Campus Safety and Risk Management Committee, as presented here:

- Teach electric fault analysis and protection in EE Department
- Improved the Power System Protection Lab in the EE Department
- Faculty advisor for “Wildfire Fire Detection in California” research team in the EE Department
- Provisional Patent on “ Innovative Method for Fire Mitigation in California” 2020
- M. Poshtan "Using Power Infrastructures for Investigating Wildfire Dynamics near Wildland-Urban Interfaces," Wildfire & Risk Mitigation Virtual Forum, by T&D World, December 8-9, 2020. PacifiCorp and Portland General Electric.
- M. Poshtan “Investigating Wildfire Dynamics near Wildland-Urban Interfaces”, Invited Presentation, Wildfire & Risk Mitigation Virtual Forum, by T&D World, December 8-9, 2020. PacifiCorp and Portland General Electric.
- E. Erickson, R. Slobodin, M. Poshtan, T. Taufik, J. Callens, “Using Power Infrastructures for Wildfire Detection inCalifornia”, IEEE ISGT 2020, Washington DC, USA, February17-20, 2020.
- M. Tuttle, M. Poshtan, T. Taufik, J. Callens, “Impact of Cyber-Attacks on Power Grids with Distributed Energy Storage Systems”, 2019 IEEE International Conference on Communications, Control, and Computing Technologies for Smart Grids (SmartGridComm), Beijing, China, 21-23 Oct 2019, IEEE Xplore DOI: 10.1109/SmartGridComm.2019.8909736, 25 November 2019
- S. Jorkesh, J. Poshtan and M. Poshtan "Fault Diagnosis and Isolation of an Electro-Pump using Neural Data Fusion” 2019 IEEE-ECCE, BaltimoreUSA, Sept 29 - Oct 3, 2019, IEEE Xplore: DOI: 10.1109/ECCE.2019.8912970, 28 November 2019
- More than 60 peer-reviewed scientific/engineering papers after 2008
- Chair, PTAC (EE Power Technical Area Committee) 2019 –Present
- Member, EECC (EE Curriculum Committee) 2019 – Present
- Member, PTAC (EE Power Technical Area Committee) 2015 – 2019
- Member, LTAC (EE Lab Technical Area Committee) 2020 – Present
- Member, CTAC (EE Circuits Technical Committee), 2016 – Present
- Member EE Micro-Grid team, 2015 - Present
- Club Advisor IEEE-PES Student Branch 2020 – Present
- Club C0-Advisor IEEE-PES Student Branch 2018 – 2020
- ABET course coordinator for EE212, EE242, EE255, and EE295
- Continuously achieved high student evaluation in EE Department
- Panelist of GRFP (National Science Foundation Graduate Research Fellowship Program) (2017 – Present)
- Industrial Electrical Engineering background at Entergy Corp, New Orleans, USA, Contractor Engineer in Transmission Planning (1998 – 2002)
- Received funding for the following research projects:
 1. Underground Cable Design for Microgrid at Cal Poly Student Project, \$5000, EPRI – October 2020
 2. \$50,000 to develop the EE Power Protection Lab in 4 phases:
 3. Environment-Friendly Electric Bicycles Charging Station for Cal Poly Campus by Wind Power Energy, Cal Poly Baker/KoobProject, \$4700, December 2019
 4. Complete 4th Phase of the development of Cal Poly EE Department Electric Power Protection Laboratory for Education and Research – 8 Licenses for SEL-5601 Synchro Wave Software - EE Microgrid Laboratory - \$4360 from SEL USA – May 2019
 5. 3rd Phase of the development of Cal Poly EE Department Electric Power Protection Laboratory for Education and Research– Omicron Protection Relay Testing and Calibration System – EE Microgrid Laboratory - \$25000 donation from Omicron USA – April 2019

6. 2nd Phase of the development of Cal Poly EE Department Electric Power Protection Laboratory for Education and Research – Circuit Barker Design and Measurement - EE Microgrid Laboratory - \$4750 from REC Solar USA – April 2019
7. SEL Training for the development of Protection System – EE Microgrid Laboratory – \$5300 from Chevron USA – January 2019
8. 1st Phase of development of Protection System – Generation System - EE Microgrid Laboratory - \$5400 from R-IDC Cal Poly – December 2018
9. Measurement of Efficiency, Consumption, Power Factor and Mechanical Torque for GEMBRAP Single-Phase Electric Motor - \$3000 from GEMBRAP Brazil – June 2018
10. A US\$600,000 project on wide-band filter design for harmonic mitigation of 850 kW oil drilling induction motors (2010)
 - Best Paper Award, "Algorithmic Approaches to Characterizing Power Flow Cyber-Attack Vulnerabilities," IEEE ISGT 2019, February 17-20, Washington DC,
 - Best Paper Presentation, "Algorithmic Approaches to Characterizing Power Flow Cyber-Attack Vulnerabilities," IEEE ISGT 2019, February 17-20, Washington DC,
 - Member of IEEE, Eta Kappa Nu, and North America Reliability Engineering Society
 - Nominated for ASEE PSW 2017 Best Teaching Award
 - Frequent reviewer of IEEE Journals, IEEE, and Eta Kappa Nu Member, North America Reliability Engineering Society member
 - Outstanding Service Award 2008, Petroleum Institute of Abu Dhabi National Oil Company
 - Distinguished Teaching Award 2005, Petroleum Institute of Abu Dhabi National Oil Company, UAE
 - US State Department Recognition Medal for 44th Senior Seminar for International Scholars 2001

ACADEMIC SERVICE - BEFORE JOINING CAL POLY IN JANUARY 2015

- I. CHAIRMAN OF: PI Outreach Committee (2010-2011), the IEEE Steering Committee for UAE-IEEE-2010 Student Competition, PI-EE Lab Committee (2004 – 2011), Power Focus Group for ABET Accreditation (2010), Counselor of the PI-IEEE Student Branch (2007-2011)
- II. MEMBER OF The UAE Renewable Competition Steering Committee (2010-2014), AUD outreach committee (2011-2014), PI Faculty Teaching Award committee (2007 and 2006), PI Faculty Advisory Committee (2006 – 2011), EE Search Committee (2006 - 2009), EE Student Activities Committee (2005- 2011), PI Faculty Handbook Committee (2003 - 2004), ABET & CAMS (ADNOC) Committee (2003)

Commencement Policy Committee – 6 vacancies

CAED – VACANT (2020-2022)

CAFES – VACANT (2021-2023)

CENG – VACANT (2021-2023)

CLA - VACANT – (2021-2023)

Christopher Woodruff, Music (14 years at Cal Poly) Tenure Track

As spring commencement ceremony band director at Cal Poly over the last three years, I am intimately familiar with the planning of this event. I have also been a part of the commencement presentation on ground level and have been able to observe its changing shape from year to year. The event is unique as an opportunity to nurture connection with the larger Cal Poly community, from current students staffing the event to freshly-minted alumni and their supporters.

CSM – VACANT (2021-2023)

OCOB – VACANT (2021-2023)

Disability Access and Inclusion Committee: Two vacancies ARB (2020-2022) and ARB (2021-2023)

Bing Anderson, Finance (17 years at Cal Poly) Tenured

I have a severe medical condition/disability myself. I hope to be on this committee, and help ensure access and inclusion of students, staff, and faculty with disabilities.

Faculty Advisory Committee on Library - One vacancy (2021-2023)

Bing Anderson, Finance (17 years at Cal Poly) Tenured

Library is a very important part of faculty research and student learning. These days, the digital aspects of it is becoming increasingly important. One very small example is that when I am doing research these days, I found out that our library actually don't subscribe to a few top journals in finance. I hope to help improve the library for all its users, especially its components which can be accessed digitally.

Graduation Writing Requirement (GWR) Advisory Board: Three vacancies

CAFES (2021-2023)

CENG (2021-2023)

OCOB (2020-2022)

Intellectual Property Review Committee: One vacancy: PCS (2019-2021)

PCS (2019-2022)

International Programs Committee: One vacancy (2021-2023)

John Thompson, World Languages and Cultures (23 years at Cal Poly) Tenured

I have a long record of service to students and faculty at Cal Poly promoting international programs. Highlights include a one-year appointment as CSU-wide International Programs Resident Director in France, chairing the World Languages and Cultures Department for eight years, serving on the recruitment committee for the current director of the International Center, and annual service on the International Center's student scholarship committees. I am currently serving as the Academic Senate's representative on the International Programs Committee (2019-2021), where I work closely to with my colleagues to ensure that our students have the highest quality study abroad experiences and that these opportunities are made available to the widest and most diverse student populations. In addition, I am serving on the International Advisory Council, where I have participated as a planner and as a speaker at two Internationalization Symposia on campus. As part of these efforts, I was appointed to the special Curriculum Internationalization Task Force in 2015 and am serving on a newly formed subcommittee whose charge is to improve the experience of incoming international students on campus. This year I was also awarded "assigned time for exceptional service to students" to work with our department and college curriculum committees on re-certifying language and culture GEs (including special Study Abroad GEs). This work is carried out in close collaboration with the International Center and the Registrar's Office in order to maintain and update the articulation process for courses taken abroad. Last but not least, as a newly elected member of the Academic Senate (Fall 2021), my appointment as this body's representative on the International Programs Committee will allow me to dovetail my experiences with the University's wider concerns with the specific charges of the International Programs Committee in its promotion of student and faculty internationalization endeavors, especially in the areas of curriculum and diversity.

Status of Women Committee – 6 vacancies

CAED – VACANT (2021-2023)

CAFES – VACANT (2020-2022)

CENG – VACANT (2021-2023)

CLA - VACANT – (2020-2022)

CSM – VACANT (2021-2023)

Joyce Lin, Mathematics (8 years at Cal Poly) Tenured

As a woman in a traditionally male-dominated field, I have always been interested in supporting

women in STEM as a professor. I have worked with over 15 women in summer research or senior projects and am currently the faculty advisor to the Association for Women in Mathematics student club. In 2015 and 2018, I served on Women in STEM career panels organized by the Cal Poly Gender Equity Center and was featured for their Women in Herstory Month display. I have always wanted to be more involved in resolving issues that concern women students, faculty, and staff on campus. I am really interested in helping with the campus climate in any way that I can.

OCOB – VACANT (2020-2022)

Student Health Advisory Committee - One vacancy (2021-2023)

Substance Use and Abuse Advisory Committee – One vacancy (2021-2023)

Andrew Byrne, School of Education (3.5 years at Cal Poly) Tenure Track

I am writing to express my enthusiastic interest in the Substance Use and Abuse Advisory Committee. I currently teach in the higher education counseling and student affairs program, and am being reviewed for tenure and promotion for this Fall. At my previous university, Ohio University, I collaborated with campus efforts to offer motivational interviewing and adventure-based interventions as an alternative to more traditional punitive consequences for students being sanctioned for alcohol and other substance use. My master's degree training was in substance abuse and clinical counseling, and my background is that of a therapist. While I am not licensed in California, I have a great deal of clinical experience with addictions as well as mental health and other disabilities. I have also published research on addictions as well. I believe in multifaceted, transtheoretical, engaging interventions to reduce harm among students who use behavior-altering substances, so harm reduction is very prominent in my philosophy. I would love to contribute to the health and success of our students and greater university community by participating in this important advisory committee.

Candace Winstead, Biological Sciences (15 years at Cal Poly) Tenured, Incumbent

I help to run a syringe exchange and overdose prevention program in the county, and am a County Health Commissioner. I have a goal of helping to get more opioid overdose education and prevention to campus, including Naloxone kits in every dorm. I also bring a community perspective of people who use drugs to the committee.

University Union Advisory Board: One vacancy (2020-2021)

Candidates for 2021-2022 Committee Chairs

Committee	Chair 2020-2021	Chair Since	Possible Chair 2021-2022	2020-2021 Committee Member	College/Department
Budget & Long-Range Planning Committee	David Maber	19-20	Richard Volpe Steve Rein	Yes	Agribusiness Statistics
Curriculum Committee	Greg Bohr	20-21	Greg Bohr John Walker	No Yes	Social Sciences Statistics
Distinguished Scholarship Awards Committee	Lars Tomanek	19-20	Lars Tomanek	Yes	Biological Sciences
Distinguished Teaching Awards Committee	Brian Kennelly	19-20	Brian Kennelly	Yes	World Languages and Culture
Diversity Committee	Marilyn Tseng	19-20	Louise Edwards Xiaoying Rong Marilyn Tsent	Yes Yes Yes	Physics Graphic Communications Kinesiology & Public Health
Faculty Affairs Committee	Ken Brown*	44178	Ken Brown	No	Philosophy
Fairness Board	Anika Leithner	15-16	Anika Leithner	Yes	Political Science
GE Governance Board (4 year appointment – ends 2022)	Gary Laver	18-19	/	/	/
Grants Review Committee	Javier de la Fuente	19-20	Javier de la Fuente. Dawn Neil	Yes Yes	Industrial Technology & Packaging Interdisciplinary Studies
Instruction Committee	John Hagen	19-20	John Hagen	No	Chemistry & Biochemistry
Research, Scholarship and Creative Activities Committee	Keri Schwab	19-20	Keri Schwab	Yes	Experience Industry Management
Sustainability Committee	David Braun	19-20			
USCP	Grace Yeh	19-20	Grace Yeh	Yes	Ethnic Studies

Adopted:

**ACADEMIC SENATE
Of
CALIFORNIA POLYTECHNIC STATE UNIVERSITY
San Luis Obispo, CA**

AS-__-21

RESOLUTION ON CREATION OF NEW DEPARTMENT FOR COMPUTER ENGINEERING

Impact on Existing Policy: ¹ NONE.

- 1 WHEREAS, Computer Engineering is currently an interdepartmental program, sponsored
2 jointly by Computer Science and Software Engineering (CSSE) and Electrical
3 Engineering (EE), within the College of Engineering (CENG); and
4
- 5 WHEREAS, The College of Engineering (CENG) has identified several benefits for elevating the
6 shared program into a new department called the **Computer Engineering**
7 **Department**; and
8
- 9 WHEREAS, The benefits and the structure of the new department are provided in the
10 attachment to this resolution; and
11
- 12 WHEREAS, This change in status and name has been approved and endorsed by the Computer
13 Engineering, Computer Science and Software Engineering, and Electrical
14 Engineering department chairs/program directors and the CENG Dean; and
15
- 16 WHEREAS, Approval for elevating this program into a new department has been given by all
17 college Deans and the Provost; therefore be it
18
- 19 RESOLVED: That the Academic Senate of California Polytechnic State University, San Luis Obispo
20 approve the creation of a new CENG department, the **Computer Engineering**
21 **Department**.

Proposed by: Computer Engineering Program
Date: March 30, 2021

¹**(1) Describe how this resolution impacts existing policy on educational matters that affect the faculty. Examples include curricula, academic personnel policies, and academic standards.
(2) Indicate if this resolution supersedes or rescinds current resolutions.
(3) If there is no impact on existing policy, please indicate NONE.**

Supporting Material for CPE Department Resolution

Overview

We propose a reorganization to transition Computer Engineering from a program to a department. Reorganization will allow the department to better serve its students by: improving student identity, sense of belonging, and connectedness; enabling an agile curriculum to better prepare graduates; and increasing the number of faculty dedicated to stewarding the department. Establishing a new department will empower Computer Engineering to realize its commitment to the following vision of culture, community, collaboration, and support:

- The Computer Engineering Department is a place that supports diversity in race, gender, sexuality, ability, class, and other social identities (in all their combinations) in a manner that transcends current institutional structures.
- The Computer Engineering Department is a place in which all find community, and where there are support structures that connect students with their peers, that provide mentoring between faculty and students, and that promote collaborative work between faculty. The Computer Engineering Department is a place where each of us can say, “I belong here.”
- The Computer Engineering Department’s faculty follows a distributed leadership model where all members are leaders in their own way. Faculty trusts in and actively backs each other as leaders. The department values the interdisciplinarity of faculty within and beyond CPE.
- The Computer Engineering Department is a place where if one encounters an unjust barrier, it is the system that yields. We acknowledge the immense cultural wealth that people bring with them to the Computer Engineering Department and we strive to act in a manner to ensure that wealth is valued and celebrated.
- The Computer Engineering Department is a place where all understand and value Computer Engineering being more than a sum of the traditional fields from which it grew. The Computer Engineering Department is a place that has insight into societal needs and is agile to adapt to address those needs from a critical theory orientation.
- The Computer Engineering Department is a place from which industry continues to seek new hires; they value our students’ technical expertise, and, of equal importance, seek out our students because of their diversity in body and voice, because of their ability to negotiate complexity and ambiguity, and because of their capacity, agency, and inclination for change. Our graduates pursue graduate studies and work in nonprofits and educational organizations in increasingly greater numbers.

Background

The Computer Engineering (CPE) Program was established in 1988 to support an interdisciplinary major in Computer Engineering, sponsored jointly from inception by the Computer Science and Software Engineering (CSSE) and Electrical Engineering (EE) departments, within the College of Engineering (CENG). The CPE program is designed to facilitate a holistic study of the design and implementation of computing systems to positively impact society. Computer Engineering is the comprehension and management of the complexity of computing systems as a whole transcending the aggregation of hardware and software components. The development of computing systems requires, broadly, efficient management of potentially limited resources, interaction with the environment external to the system, implementation of safeguards to recover from faults, and an intentional account for the impact of the system on the user and on society.

The Computer Engineering major is administered by the CPE director with support from one Administrative Support Coordinator and the CPE council with membership drawn from the CSSE and EE departments. The program's average enrollment and degrees awarded over the past five years are 493 and 103, respectively, making it the sixth largest in the College of Engineering.

Rationale for a New Department

The Computer Engineering program is now a mature program educating students in a mature field of study. Becoming a department will enable CPE to control its destiny through strategic initiatives, the curriculum, and processes.

Transitioning from a program to a department benefits CPE students in the following ways:

- The CPE department will have greater curricular autonomy to design a more integrated computer engineering curriculum. CPE students will then be better positioned for industry and will better understand the complexity, nuance, and breadth of computer engineering.
- Establishing a CPE department will improve the sense of identity and community among CPE students by establishing clear associations among a set of faculty dedicated to service to the CPE department and to the CPE students.
- Improvements in the major identity and community will improve student engagement while at Cal Poly (a positive for retention) and after graduation.

Transitioning from a program to a department benefits the CPE faculty and department in the following ways:

- With the CPE faculty better able to focus their service activities, the needs of the department and the CPE major will be better supported through both curriculum development and the RPT process.
- The CPE department will be better positioned to modify the curriculum as the field evolves in order to remain current, exciting, and engaging to students.
- As a department, CPE can be more intentional and agile about how it grows with respect to classes offered, areas of research, and faculty recruitment.

Process to Establish the New CPE Department

This process has involved all of the CSSE, CPE and EE faculty and staff, through multiple open forums with an outside moderator, department discussions, discussions at retreats, a six-month working group facilitated by an outside moderator, and a follow-on task force. In addition to these opportunities to provide input, Dean Fleischer maintained an open-door policy, meeting with numerous faculty and staff 1:1. There were additional opportunities to provide anonymous feedback through online survey instruments.

In the winter of 2019, the Dean convened a Working Group to examine the potential for reorganization involving the CPE program, the CSSE department, and the EE department. Working Group membership included faculty from the program and both departments, the program director and both department chairs, a representative from the college dean's office and was led by an outside facilitator. The working group examined several possible reorganizations, the advantages and disadvantages of each, gathered input from all stakeholders, and presented its findings to the Dean. Upon reviewing the findings, and in

unanimous agreement with the CPE program director and CSSE and EE department chairs, the Dean decided to transition CPE from a program to a department.

In the winter of 2020, the Dean convened a CPE Task Force to design and plan the transition from program to department. Task Force membership included the CPE program director, faculty from the program and both departments, a lecturer, and a staff representative. It oversaw the creation of structures and policies necessary for a functioning department.

Resource Implications of a new Computer Engineering Department

Many of the resources to support the new department are already in place or secured. There are currently 17 tenure-line faculty (eight full-time faculty equivalent) associated with the CPE Program and we expect most of them to maintain their affiliation in one form or another. Overall, we anticipate that the creation of the CPE department is a resource-neutral activity.

Department Chair

The makeup of the faculty will be reorganized in the new department under a Department Chair.

Faculty

We anticipate meeting the faculty needs for the new department in a number of ways. First, faculty within the EE and CSSE departments engaged in CPE Program work will have the opportunity to move all or part of their tenure-line appointment to the new department via a process approved by the Dean of the College of Engineering. Second, faculty within the EE and CSSE departments engaged in CPE Program work will have the opportunity to establish Memoranda of Understanding (MOU). Each such faculty member's MOU will establish the division of teaching, professional development, and service responsibilities between the CPE department and a second department, dependent on the home of their tenure.

Staff

We believe that the support staff required for the new department are currently in place. This includes administrative support staff and technical support staff. Currently, the program is supported by a single ASC I.

Budget

The college currently supports the CPE program with a Director position, Administrative Support Coordinator, and additional items such as course offerings and laboratories through the CSSE and EE departments. A constraint on transitioning CPE from a program to a department was that the change be budget-neutral. The Dean, CPE program director, and CSSE and EE department chairs will adjust existing budgets to support the needs of the CPE department.

Space

The CPE Program has existing office space for the Department Chair and the Administrative Support Coordinator; this space will carry over to the CPE Department. In addition, the college has designated laboratory and research space currently allocated to the EE and CSSE departments that will transition to the CPE department. Faculty that transition to the CPE department will maintain their current office spaces.



March 17, 2021

The College of Engineering is in full support of the resolution to form a new Department of Computer Engineering that the faculty of the Computer Engineering program have brought to the Academic Senate.

Computer Engineering (CPE) began as a cross-disciplinary program situated within the Electrical Engineering (EE) and Computer Science (CSSE) departments in 1988. In the 32 years since its formation, the program has steadily grown, while the discipline of computer engineering has seen enormous change. The program now enrolls almost 500 students, making it the 6th largest degree program among the College of Engineering's 14 degrees. The reputation of the degree is outstanding, and per US News and World Report it ranks as the #2 Computer Engineering degree program in the country at an undergraduate focused school.

However, as the program has grown, the needs of the students and the faculty in the program have also evolved. Serving 500 students effectively within a program structure has grown to be increasingly challenging, and the faculty struggle to balance the service and teaching demands of both the CPE program and their home departments. Additionally, curriculum innovation is challenging as it necessitates the need to navigate multiple departments and three curriculum committees. This is of particular concern in a field that evolves as rapidly as computer engineering.

In order to address these concerns, the College of Engineering undertook a study of the structure of the CPE program, beginning in the spring of 2019. This process invited all members of the EE and CSSE departments to participate - through multiple open forums with an outside moderator, department discussions, discussions at retreats and a six-month cross-disciplinary task force which also worked with the outside moderator. In addition to these structured opportunities to provide input, I maintained an open-door policy, meeting with numerous faculty and staff 1:1, and provided opportunities for anonymous feedback through an online survey instrument.

In the fall of 2019 at the conclusion of the process, the leadership team of myself, Dr. Dennis Derickson (then EE Chair), Dr. Chris Lupo (CSSE Chair) and Dr. Slivovsky (CPE Program Director) reviewed the data from all of these discussions and unanimously decided to pursue elevating the CPE program to department status. This decision was made because the leadership strongly believe that this will set the CPE degree program up for success and will simultaneously strengthen all of our programs. Some of the key opportunities that we expect include:

- **Strengthening our student experience**

Formation of a CPE department will result in an enthusiastic community of faculty and staff who are fully committed to the success of our CPE students. CPE currently has no faculty with a primary affiliation to the program. All faculty are instead members of the CSSE or EE departments with secondary affiliations to CPE. The formation of a department will enable department faculty to clearly prioritize the experience of our CPE students. The CPE department will define what it

truly means to be a computer engineer and develop student identity through activities, advising, clubs and classes.

- **Strengthening our curriculum**

Formation of a CPE department will enable the creation of a dynamic, flexible and adaptive interdisciplinary Learn by Doing curriculum that educates our engineers to be industry leaders. CPE as a field is growing and changing, and it is imperative that our curriculum be nimble enough to adapt to changing needs in order to best serve our students. By creating a department with control of its own curriculum, the CPE faculty will be able to modify and implement its curriculum with ease as the field changes and create new courses specifically for the needs of the CPE population, strengthening the education of our CPE majors.

- **Strengthening our interdisciplinary opportunities**

Due to the interdisciplinarity nature of the EE, CPE and CSSE degrees, a stronger more dynamic CPE degree will also strengthen the EE, and CSSE degree programs. In fact, it is expected that the department formation will lead to new and exciting opportunities for all students and to interact collaboratively and creatively.

- **Strengthening our corporate partnerships**

Formation of a CPE department will result in greater visibility of the degree with our corporate partners and greater collaboration with industry to yielding excited and enthusiastic industry partners, donors and alumni. While the current program does have an advisory board, this board will be strengthened with elevation to a department and the board will be enlisted as advisors, helping to identify the needs of the computer engineer of today and tomorrow.

- **Strengthening our CPE department faculty and staff**

Formation of a CPE department will yield an enthusiastic faculty and staff body with the motivation to build something new and impactful. It is expected that the faculty and staff will be a mix of full-time and joint appointments, drawn from the existing faculty of the CSSE and EE departments.

A department formation task force has worked diligently over the past year to reach this point. They have developed a clear and compelling vision in which the Computer Engineering Department is a place where all understand and value Computer Engineering as being more than a sum of the traditional fields from which it grew, championing collaboration, inclusivity and equity in the field while offering a dynamic and agile curriculum that reflects the ever-changing nature of the field.

This proposal has been reviewed with Provost Cynthia Jackson-Elmoore and the Provost-Deans Council. Both the Provost and the other Deans support this course of action.

For all the reasons above the College of Engineering supports this resolution.

Amy Fleischer
Dean, College of Engineering

California Polytechnic State University
San Luis Obispo, CA 93407
Electrical Engineering Department
(805) 756-2781 Fax (805) 756-1458
<http://www.ee.calpoly.edu>

March 17, 2021

LETTER OF SUPPORT – CPE DEPARTMENT

Dear Academic Senate,

I am writing this letter in support of the creation of the Computer Engineering Department at Cal Poly. The Computer Engineering Program has been sponsored jointly by EE and CSSE for several decades and has now matured and grown to a size where it would be best served by being run under its own department. Computer Engineering is a rapidly evolving field where curricular autonomy by those that are delivering the program is essential in order for a more impactful and integrated curriculum to be maintained. This will greatly benefit CPE students by ensuring that the curriculum is directly controlled by those that directly deliver it and ensuring that the program can adapt to changes in the industry more effectively. CPE Students are expected to have an improved sense of community and major identity which will increase engagement both before and after graduation. This will also benefit CPE faculty who will now be able to focus on service activities under one department and to more fully support students within CPE. A new vibrant CPE department will also help to create space for innovation, research and collaboration. This can also be seen as a positive for the EE department in that it will allow for EE to develop and create its own future focusing on new directions in the electrical engineering field.

Acting as the department chair for student and curricular issues I fully support this creation of the CPE department and will work collaboratively with the CPE department to foster an environment in both CPE and EE that benefits students allowing them to be better prepared for entering industry and society. As there are in many engineering majors, there are overlaps between EE and CPE and this will continue to allow great collaborations between both students and faculty in the two departments.

Sincerely,



Dale Dolan, Ph.D.
Interim Assistant Department Chair
Electrical Engineering Department
California Polytechnic State University
San Luis Obispo, CA 93407
dsdolan@calpoly.edu
805-756-2495

3/12/2021 (rev. 2.0)

Memo of Understanding (MOU) between the Computer Engineering (CPE) Department and the _____ Department

Note, this MOU must be customized for a given faculty member. Department chairs from both departments must agree to the MOU.

Shared appointment of tenure or tenure track faculty position

The faculty member: _____, will serve as a jointly appointed faculty member in computer engineering and _____. This faculty member will have a home department of _____.

Service

A joint appointment faculty member should attend the _____ department meetings and events at a level that enables a strong engagement level with their home department faculty, staff and students. When possible, the joint appointment faculty member should also attend their non-home department meetings on a regular basis. The total service workload of the faculty member should be agreed upon by both department chairs and developed in consultation with the faculty member. This agreement should not require the faculty being required to attend two department meetings each week, nor exceed the total service if that faculty were not to have a joint appointment.

New tenure track faculty should have reduced service expectations by both departments for the first 2 years of appointment. A faculty member's service responsibilities and level of service engagement may change over time based on the faculty member's professional development goals.

Teaching

The teaching workload of a joint appointment faculty member may be broken into regular instructional teaching and supervisory teaching.

Regular Instructional Teaching

The faculty's teaching assignments will be based on quarterly course demands that serve both the home department and non-home department. The faculty's regular instructional workload assignment shall be split between the home and the non-home department in an amount of _____ WTUs for the home department and _____ WTUs for the non-home department, on an annual basis. The total number of WTUs shall not exceed 36 WTUs annually and may be reduced by supervisory teaching workload expectations. For new-hires, the department chairs will agree on the teaching workload assignment for the academic year at the time of hiring.

It is strongly suggested, especially for junior faculty, that a majority of the faculty member's instructional workload be allocated to their home department.

Supervisory Teaching

The faculty should supervise senior and master's thesis projects that may benefit CPE or the home department. Each department will be responsible for financial support required for these activities. The departments must take into account the faculty member's professional goals when making these decisions. The departments must also properly credit the faculty member for their total supervisory course load.

Course Scheduling

The departments will satisfy that faculty member's departmental WTU allocation when scheduling courses.

Both the home and non-home department chairs shall agree on an annual workload assignment for the subsequent academic year, a year in advance to aid in departmental course scheduling. This is necessary to aid in the scheduling of joint faculty members.

Retention, Promotion and Tenure (RPT)

In an effort to provide a clear set of expectations for professional development, a joint RPT committee will be established with a minimum of 2 members from the faculty's home department and 2 members from the non-home department. The ratio of faculty between the home department and the non-home department should be a ratio similar to the faculty member's regular instructional teaching WTU ratio.

A recommendation from this joint committee will be shared with both department chairs. The home department chair will submit an evaluation using the form (AP109) to the Dean for review.

The other department chair may serve as a member of the PRC or provide input directly to the Dean, per provision 15.2 of the Collective Bargaining Agreement.

Modification to the MOU

Modifications to the Joint Appointment MOU may be initiated by the faculty member. Future changes to home department appointments is discouraged and may take greater than a full academic year to be implemented. Likewise, instructional and service workload adjustments may be made at any time, subject to approval of the faculty member and both department chairs. Instructional and service workload adjustments may also take up to an academic year to be implemented.

Signatures

Faculty Member: _____

CPE Department chair:

Signature: _____

_____ Department chair:

Signature: _____

Dean (College: _____)

Signature: _____

Dean (Second College if need be: _____)

Signature: _____

Chris Lupo
Department Chair
805-756-5659
clupo@calpoly.edu
www.csc.calpoly.edu/~clupo

March 19, 2021

Academic Senate
California Polytechnic State University

Sub: Letter of Support for the Establishment of a Cal Poly Computer Engineering Department

Dear Senators,

On behalf of the Computer Science and Software Engineering (CSSE) Department, I offer my full support for the creation of the Computer Engineering (CPE) Department.

I have been integrated into the discussion of the formation of a CPE department from the very beginning, and have worked closely with Professor Slivovsky and Dean Fleischer throughout the process. This process began in the 2018-2019 academic year, and included several discussions with the Electrical Engineering and CSSE faculty and staff. All members of both departments were provided several opportunities to discuss and provide feedback to the department chairs, to the CPE Task Force, and to the Dean. The ultimate decision to transition CPE from a joint program to a department was made by Dean Fleischer, and several options were considered to address issues with CPE curriculum control, CPE faculty identity, and CPE student identity. The process was transparent and collaborative. The members of the CPE Task Force deserve special appreciation for their diligence and thoughtful approach to designing the structure and vision of the new department.

Dean Fleischer, and the leadership of CPE, CSSE, and EE were unanimous in their support for the creation of this new department. There is strong majority support in CSSE for this significant change as well, though complete consensus was not reached by all constituents of the department. In CSSE, there remain some uncertainties about which individuals may or may not choose to affiliate with the new CPE department, and we continue to discuss ways to share talent, curricula, and facilities such that all three departments can thrive and continue to collaborate through joint scheduling and periodic common curriculum meetings.

I look forward to continuing to work with Prof. Slivovsky on shared goals, strategies, and resources that support student success, enable Learn by Doing, and enhance faculty teaching and scholarship.

Please feel free to contact me if you have any further questions.

Sincerely,



Chris Lupo



CAL POLY

College of Engineering
Computer Engineering

March 15, 2021

Dear Members of the Academic Senate,

Thank you for your consideration of the proposed change from program to department for Computer Engineering (CPE) that has been brought to you by the faculty of the CPE program. The program has been offered and stewarded as a joint program by the Computer Science and Software Engineering (CSSE) department and the Electrical Engineering (EE) department since its creation 32 years ago. Over that time, the program has grown along with the ever-changing field of computer engineering.

In 2018, faculty from the Computer Engineering program approached leadership in CSSE, EE, and the College of Engineering (CENG) about how to best position the program for success in the future. After a comprehensive, thoughtful, and inclusive process, we are proposing this transition from program to department.

The CPE faculty are dedicated to providing our students with an impactful and transformative educational experience at Cal Poly and recognize this will best be accomplished in the future as a department. By becoming a department, the CPE faculty will have the agency to implement its bold vision grounded in equity and justice and evolve its curriculum as the field continues to grow. Students will experience a greater sense of belonging, community, engagement, and identity with CPE. As a department, we will have new opportunities for collaboration and partnership across Cal Poly and with industry, all of which will ultimately benefit our students.

In an online vote that took place 1/22/2021-1/27/2021, the affiliated CPE faculty voted (12 yes, 2 no) on their support for the creation of the CPE department. This transition to a department is further supported with the included letters from faculty leadership in CSSE and EE and administratively by Dean Fleischer on behalf of CENG and Provost Jackson-Elmoore.

Thank you again for your consideration of our change from program to department.

Sincerely,

Lynne Slivovsky

Director, Computer Engineering Program