



CMAC

CONSTRUCTION MANAGEMENT
ADVISORY COUNCIL



CAL POLY

NOVEMBER 4, 2022

CMAC NOVEMBER 2022

Welcome

Rick Pomeroy, CMAC President

Friday, November 4th 9:00am – 3:00pm

CMAC Meeting Participants:

- Executive Committee
- Managing Directors Committee
- Board of Directors
- Chairs / Co-Chairs



CAL POLY

CMAC VISION

“Assist the Construction Management Department in supporting the construction industry by developing consistently well-prepared and diverse graduates who have both superior technical and interpersonal skills to transform the construction industry.”

8/9/2019

GENERAL CMAC BUSINESS

Rick Pomeroy, CMAC President
Jeong Woo, CM Department Head



CAL POLY

CMAC COMMITTEES



DEVELOPMENT & FACILITIES

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COMMUNITY OUTREACH

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EVENTS & PROGRAMS

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MEMBERSHIP & GROWTH

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YOUNG ALUMNI

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INTERDISCIPLINARY

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SPECIALTY CONTRACTORS

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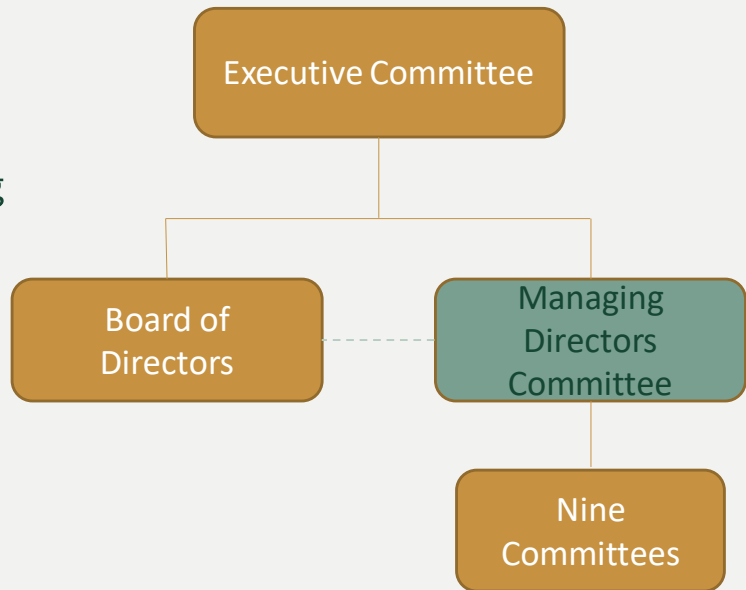
CONSTRUCTION TECHNOLOGIES IN
EDUCATION COMMITTEE (CTEC)

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MANAGING DIRECTORS COMMITTEE

As of **May 2022**

The Ex Comm is in the process of restructuring the Managing Directors Committee based on discussions with the Committee Chair/Co-Chairs. The recommendations of the restructuring will be brought before the Board for discussion and voting at the Fall meeting.

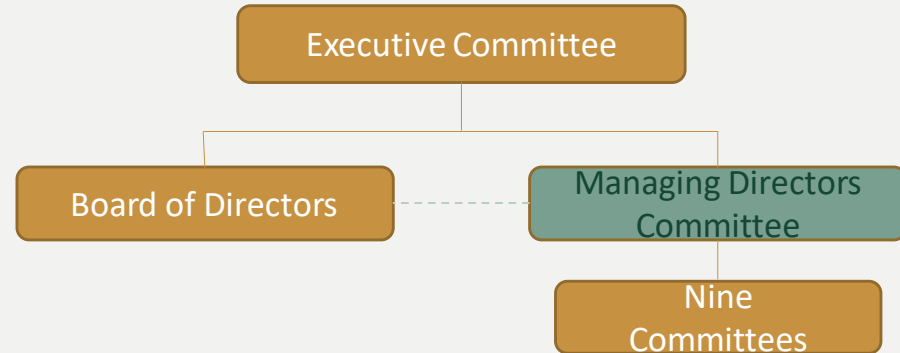


MANAGING DIRECTORS COMMITTEE

As of **November 2022**

The Ex Comm recommends there will be 9 members of the Managing Directors Committee, plus two student representatives. These individuals will serve as a Chair for one of the 9 committees. Each Managing Director/Chair will elect a co-chair. The proposed Managing Directors Committee will serve from July 2022 – June 2024.

Action Step: Board Vote



MANAGING DIRECTORS COMMITTEE

July 2022 - June 2024	CMAC Committee	Managing Director	Co-Chair	Co-Chair
1	Community Outreach Committee	Bob Stephens		
2	Construction Technology	Shane Saltzgiver	Cory Keller	
3	Curriculum and Programs Committee	Rod Hammett	Ron Yen	
4	Development & Facilities Committee	Aaron Schlegel	Jeffrey Messana	
5	Events and Programs Committee	Jason Sommers	Reagan Milligan	Breanne Forster
6	Interdisciplinary Committee	Kyle Spitznagel	Charlie Mellers	
7	Membership and Growth Committee	Mike Schussel	Tami Williams	
8	Specialty Contractors Committee	A.J. Chamorro	Keenan Brekke	
9	Young Alumni Committee	Peter Riley		

NINE COMMITTEES

By-Laws changes approved by CMAC BOD 4/13/21

Development &
Facilities

Curriculum and
Programs

Interdisciplinary

Specialty
Contractors

Construction
Technology

Community
Outreach

Events &
Programs

Membership
Growth

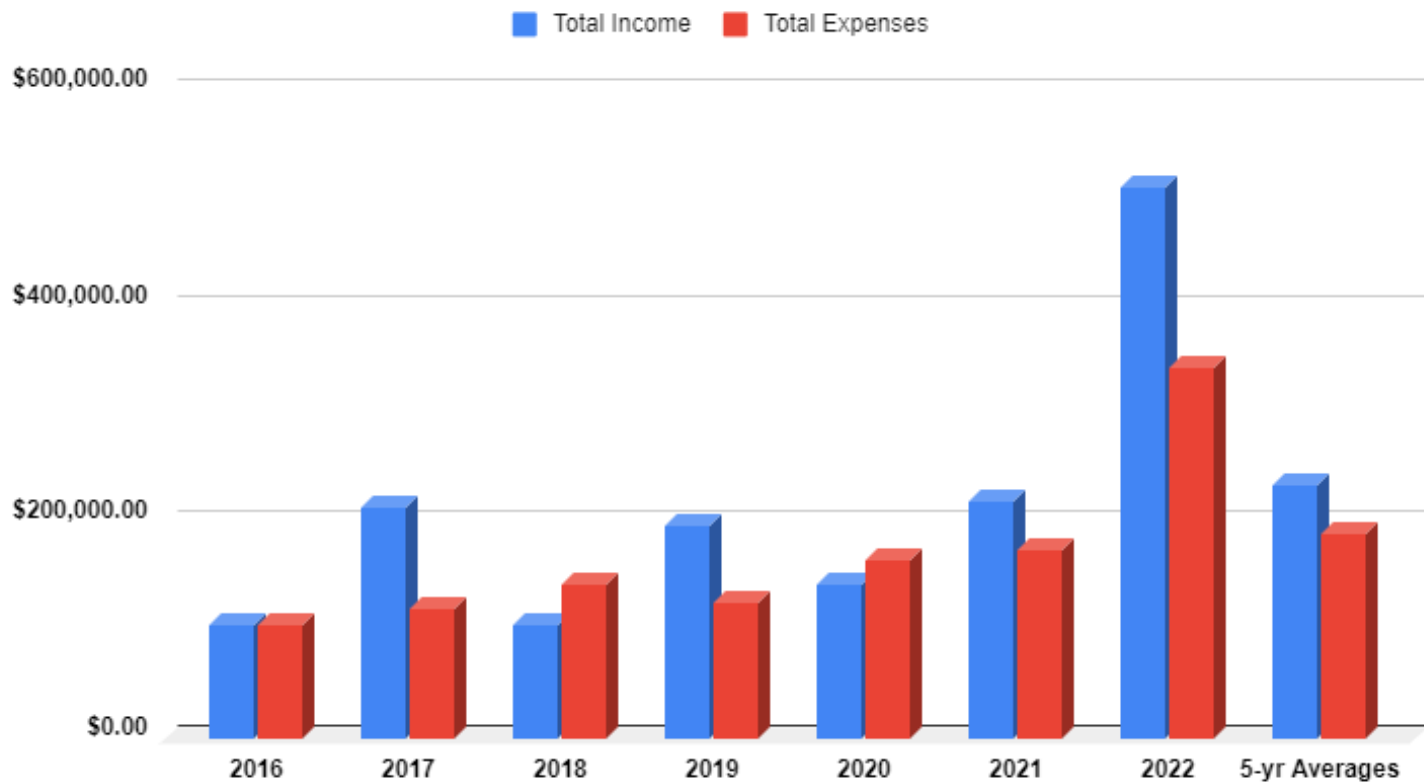
Young Alumni

FINANCIALS FY2022

Revenues	
CMAC Memberships	\$290,128
<i>Mustang Membership</i>	\$70,080
<i>Gold Membership</i>	\$150,239
<i>Green Membership</i>	\$60,151
<i>Individual Membership</i>	\$9,635
Recruiting Opportunities	\$136,056
<i>Info Session</i>	\$16,616
<i>Meet and Greet</i>	\$7,343
<i>Career Fair(s)</i>	\$112,097
Event Income (Special Events)	\$54,810
Fee for Service (Special Activity Fees)	\$29,564
Total Revenue	\$510,558

Expenses	
Administrative Expenses	-\$149,358
<i>Salaries</i>	-\$97,085
<i>Fringe Benefits</i>	-\$34,829
<i>Other Administrative</i>	-\$17,444
Operating Expenses	-\$194,912
<i>CMAC Meetings</i>	-\$4,979
<i>CMAC Mixers</i>	-\$2,438
<i>Student Support</i>	-\$41,389
<i>Travel</i>	-\$9,092
<i>Web Services</i>	-\$5,850
<i>Fee for Service Expenses (Special Activity)</i>	-\$8,508
<i>Special Events Expenses (Special Events)</i>	-\$34,726
<i>Career Fair(s) Expense</i>	-\$86,457
<i>Miscellaneous Operating</i>	-\$1,473
Total Expenses	-\$344,271

Total Income and Total Expenses



CM DEPARTMENT NEEDS & DISCUSSION

DISCUSSION

- Review May's Discussion Notes

NEEDS

- Faculty In Residence Proposal
- CMAC Webinar Series Proposal
- Senior Project Support



BREAKOUT SESSION

SUMMARY

Jeong Woo



CAL POLY

WHAT ARE THE WEAKNESSES OF CM GRADUATES?

Learn by doing a great but there are gaps/a lack of holistic approach in the method of education

Interpersonal relationships and softer skills are underdeveloped and need more focus

Poly is too focused on a direct CM path and is missing out on the opportunity to educate on other similar career paths such as preconstruction, map coordination, technology and operation of facility

INTERPERSONAL RELATIONSHIPS AND SOFT SKILLS DEVELOPMENT

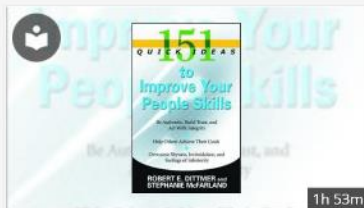
- Different fundamentals of communication are used throughout CM
- Students are encouraged to get involved with organizations outside the classroom
- Faculty members are teaching their students about communication types through a variety of exercises
- Skills such as writing a proper email, leaving a proper voicemail and completing tasks on time (printing resumes) are critical
- Chapter 6 in Barb's book talks about values
- Jeong to present CM 443, 413, 102 contents at the next CMAC meeting
- 151 Quick Ideas to Improve your People Skills



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1h 53m



BOOK

151 QUICK IDEAS TO IMPROVE YOUR PEOPLE SKILLS

Completion Status

START

151 Quick Ideas to Improve Your People S...

DETAILS

SIMILAR ACTIVITIES

▼ Full Description

Culled from the study of human behavior, relationships, and communication, this guide offers tested and true ideas that will help you be more effective, efficient and in control of your relationships with people.

▸ Schedule and Pricing

▸ Additional Information



HOW TO INCLUDE NEW TOPICS SUCH AS PREFAB WITH A FLAVOR OF A HANDS-ON “LEARN BY DOING” APPROACH?

More faculty collaboration with industry would help introduce newer topics to the curriculum. Providing example submittals, new plan sets and more for the students would also help

Bring in guest speakers to 101 freshman classes to introduce them to the industry and current responsibilities they will face in industry

HOW TO ADD PREFAB IN CM?

Ray Boff, National Prefab Leader, DPR

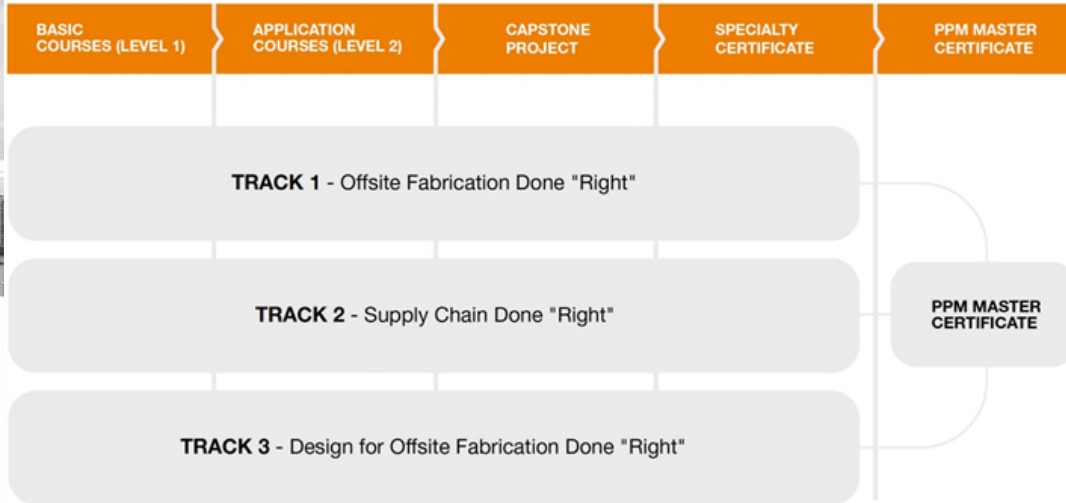
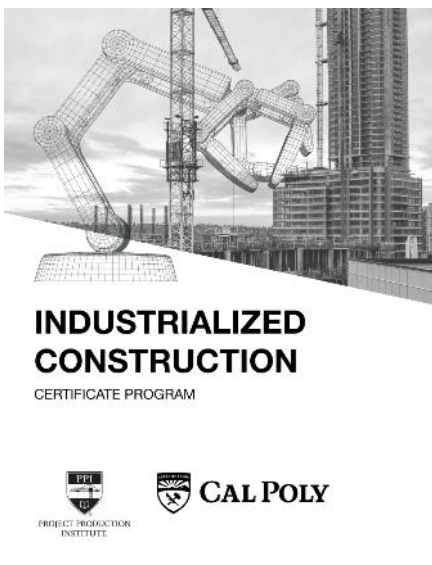
<https://youtu.be/-JZ0jrhB20s>

- Manufacturing/factory mindset
- Resource leveling
- DFMA (Design for Manufacture and Assembly)
- VDC/generative Design
- Sustainability



INDUSTRIALIZED CONSTRUCTION CERTIFICATE

<https://www.eventbrite.com/e/supply-chain-industrialized-construction-certificate-program-tickets-432088878467>



Credentialing Healthcare Construction Workers for Public Protection PCRA/ICRA Certificate Program

Coming in January



Training Host

Credentialing

Accrediting Body

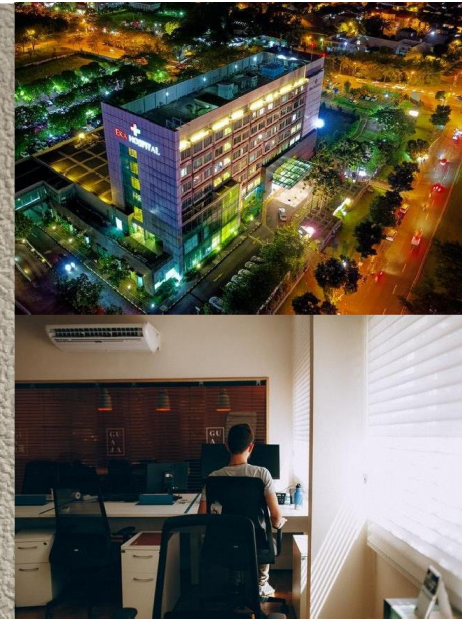


Pre-construction Risk Assessment/
Infection Control Risk Assessment
(PCRA/ICRA) Credential



Why PCRA/ICRA Training and Credentialing?

Protection against disease transmission
Regulatory and Specification Compliance



PCRA/ICRA Training also covers other risks associated with. . .

- Noise Pollution
- Vibration
- Dust Migration
- Odor Containment
- Security of the facility
- Fire/Life Safety Systems
- Ventilation
- Utility systems
- Medical equipment
- Storing, transporting, and delivering supplies and materials
- Waste Management



Modules Covered

- **MODULE 1.** At war with pathogens, infection, and disease
- **MODULE 2.** Need for infection prevention and control
- **MODULE 3.** Infection and other risks in the Environment of Care
- **MODULE 4.** Construction risks in active healthcare settings
- **MODULE 5.** The Pre-Construction Risk Assessment Approach and Methods
- **MODULE 6.** Diving deep into PCRA/ICRA
- **MODULE 7.** Infection Control Risk Assessment
- **MODULE 8.** Life Safety Measures during construction
- **MODULE 9.** Construction best practices in healthcare settings: Preventing and controlling infection
- **MODULE 10.** Construction best practices in healthcare settings: Assuring optimal ventilation and pressurization
- **MODULE 11.** Construction best practices in healthcare settings: Assuring good air quality
- **MODULE 12.** Construction best practices in healthcare facilities: Maintaining water supply and quality
- **MODULE 13.** Construction best practices in healthcare facilities: Ensuring continuous service and preventing interruption of utilities
- **MODULE 14.** Construction best practices in healthcare facilities: Preventing noise and vibration exposures
- **MODULE 15.** Construction best practices in healthcare facilities: Maintaining compliance with emergency procedures
- **MODULE 16.** Construction best practices in healthcare settings: Using optimal work processes and procedures

PCRA/ICRA Certificate Next Steps

- Certificate Requirements

- Attend 12 hours of Training
- Pass the exam following the training (administered by GA)

- Exam Length/Format

- 90 minute test time
- 40 multiple-choice questions



- Fee

- \$650.00 per trainee
- Two Days of In-person training
- Training Manual
- Exam Fees

- Term of Validity for Certificate

- 5 years
- Recertification (abbreviated course for re-examination)



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BIGGEST CHALLENGES

DIVERSITY AND INNOVATION

Jeong Woo



CAL POLY

THE “BIGGEST CHALLENGE”

INNOVATION

- Conversion to the semester system
- Develop a big picture of successful innovation in construction education
 - Interdisciplinary courses
 - Transfer-friendly
 - Innovative technologies

HOW TO ATTRACT GIFTED CM FACULTY?

- Support dedicated and gifted CM faculty who cultivate talents
- Recruit and retain the highest-quality faculty
- Invest in specific areas of study
- Inspire innovation and creative ideas
- Students learn from the real world of innovation and discovery



FACULTY AND STUDENT SUPPORT IDEAS

Jeong Woo



CAL POLY

PEER MENTORING FOR COM/TRANSFERS

Creating inclusive environments in the CM department

- Support transfer students so they can quickly get to know about CM
- Help them get involved right away– clubs, competitions, etc.
- Help them adjust socially and academically
- Provide the tools to handle the transition

How does it work?

- CCCE hires student mentors who can regularly meet with transfers

SENIOR PROJECT SUPPORT

Support service projects for diverse communities

- Support projects helping communities with diverse ethnic and socioeconomical backgrounds
- Help them understand the role of construction professionals
- Understand the meaning of building our communities together

How does it work?

- Increase senior project support from 10K to 15K

THE LOOKOUT - SLO CITY FARM



FACULTY IN RESIDENCE

Hiring CM Faculty during Summer Months

- Support dedicated and gifted CM faculty who cultivate talents
- Recruit and retain the highest-quality faculty
- Inspire innovation and creative ideas and bring updated knowledge back to the classroom- Students learn from the real world of innovation

How does it work?

- Your company would hire an early-career CM faculty as an independent contractor
- CMAC supports moving/temporary housing expenses

CMAC WEBINAR SERIES

Creating webinars for CMAC members and students

- Develop a series of “lunch and learn” webinars for knowledge exchange
- Provide educational and networking opportunities to our membership free of charge
- Share recordings/presentation copies with CMAC members
- Use recordings in the classroom

How does it work?

- CMAC to select webinar topics
- Pair CM faculty with CMAC panels for each of the selected topics
- CM Faculty develop webinar materials with assistance from the panels
- Offer a \$1,000 honorarium per course for CM faculty to develop and execute webinars

SEMESTER CONVERSION CONVERSATION

Joe Cleary, CM Department

Jeong Woo, CM Department Head



CAL POLY

LUNCH BREAK

CMAC COMMITTEE GOALS

Brad Denney, CMAC Vice President

Rick Pomeroy, CMAC President



CAL POLY

CMAC COMMITTEES



DEVELOPMENT & FACILITIES

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COMMUNITY OUTREACH

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EVENTS & PROGRAMS

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CONSTRUCTION TECHNOLOGIES IN
EDUCATION COMMITTEE (CTEC)

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CMAC COMMITTEE REPORTS

DEVELOPMENT & FACILITIES

COMMITTEE VISION

The Development & Facilities Committee is a conduit to support the department financially to meet the needs beyond state funding, including addressing facility needs. This committee performs the following functions:

- Review initiatives and case statements related to private fundraising activities on behalf of the department and its students and make recommendations from the perspective of practitioners and alumni
- Assist in developing campaign statements, promote current funding initiatives and consider fundraising suggestions from students, faculty, and departmental and college administration.
- Report to the Board on such actions needed to promote the goals related to development and fundraising for the department

2-YEAR GOAL

- Assist the department in establishing scholarships for students and endowments for professors.
- Assist faculty in setting up project-based consulting with CMAC member organizations over the summer

DEVELOPMENT & FACILITIES

ROCK #1

Establish an endowment for
faculty

STATUS

Ongoing – targeting funds to
be in place for the 2023/2024
scholastic year

RESULTS

TBD

DEVELOPMENT & FACILITIES

ROCK #2

Establish scholarship

STATUS

Ongoing – targeting funds to be in place for the 2023/2024 scholastic year

RESULTS

TBD

CURRICULUM & PROGRAMS COMMITTEE

COMMITTEE VISION

ACT AS A CONDUIT FOR THE ENTIRE CMAC TO PROVIDE CONTINUING GUIDANCE TO THE CM DEPARTMENT ON THE 25 SLOS AND HOW TO BEST PREPARE STUDENTS FOR A SUCCESSFUL CAREER IN THE CONSTRUCTION INDUSTRY.

2-YEAR GOAL

- Develop and implement a process to get annual feedback from industry & recent alumni to CM faculty related to graduate preparedness.
- Develop and implement a process and format for a cross section of the faculty to use the committee as a resource for curriculum content changes and improvements.

COMMITTEE MEMBERS

Curriculum Committee

- Rod Hammett (Chair)
- Stacy Kolegraff (Faculty)
- Coleman Leslie
- Bob Kluball
- Thai Nguyen
- Matt Runyan
- Josh De Mattei
- Jeff Grimm
- Greg Simons
- Brittany Emmons
- Karen Orwig
- Corey Keller
- Greg Amon
- Enrique Ivers
- Mike Thompson
- Kraig O'Conner
- Peter Leonardi
- Alex Trujillo
- Ryan McCombs
- Tim Bolton
- Raymond Trebino
- Mike Messick
- Charles Muttillio

CURRICULUM COMMITTEE

ROCK #1

Encourage CMAC
involvement in year-end CM
surveys

STATUS

Provided input to CMAC EC
for communication to CMAC
members

RESULTS

Pending

CURRICULUM COMMITTEE

ROCK #2

Complete Course
Collaboration process for 2+
courses per year

STATUS

No new requests from faculty in 2022

RESULTS

Pending



INTERDISCIPLINARY

DESCRIPTION

Support interdisciplinary education at Cal Poly by helping students develop a technical understanding of other disciplines, and empathy for other disciplines.

2-YEAR GOAL

- Support curriculum (technical understanding of other disciplines)
- Support connections / relationships (develop empathy for other disciplines)

COMMITTEE MEMBERS

- Kyle Spitznagel (Chair)
- Charlie Mallers (Co-Chair)
- Mark Montoya (Faculty)
- Mike Schussel

INTERDISCIPLINARY COMMITTEE

ROCK #2

Meet and Greet Event in
Conjunction with The
Alliance and CAED.

STATUS

Occurred on Oct 14th, 2022

RESULTS

Complete!

With a huge thank you to the
Alliance and their partners,
Hathaway Dinwiddie, Largo
Concrete, Quiring General,
MATT, Bernards, BN Builders
and Alliance student director
Sam Wong, as well as many
professors in the CAED.

MEET AND GREET RESULTS

70+ students, faculty, dept heads and Industry people at Milestone Tavern

CM, Architecture, ArcE, Landscape and some CRP.

Met the CRP Advisory Council to discuss future meetings.

Industry people, some from CMAC engaged the students and professors to discuss the importance of collaboration amongst the AEC industry partners.

Had representation of Architecture, Engineering, and Developers present.

Students would like to have more mixers to develop their network of potential friends from the other schools.

Plan more events like this, meet and greets with Industry.



INTERDISCIPLINARY COMMITTEE

ROCK #3

Reach out to the clubs in the CAED to join the Alliance and CMAC assisting the students in networking with industry and each other in CAED.

Utilize the Alliance Roundtables with Quiring General and Hathaway Dinwiddie.

STATUS

New Rock – goal for this year

RESULTS



SPECIALTY CONTRACTORS

DESCRIPTION

The Specialty Contractor subcommittee works with the faculty to increase specialty contractor exposure, and develop a better understanding of how specialty contractors operate for all students. Creating stronger deliberate partnerships between General and Specialty Contractors, the Subcommittee provides informative and interactive experiences for students, both in the classroom and through extracurricular activities.

2-YEAR GOAL

- Specialty Contractor presentations in classes to generate increased/earlier exposure for students
- Create a hands-on experience with material donations and demonstrations
- Utilize and support clubs/competitions to create interdisciplinary focus
- See and track graduate placement statistics
- Overarching Goal: Achieve a cultural shift. Advocate for General and Specialty Contractors as trade partners.

COMMITTEE MEMBERS

Specialty Contractor Sub-Committee

Chair: A.J. Chamorro

Co-Chair: Keenan Brekke

Members:

- Dom Cacciatore (Cupertino)
- Austn Eberle (Mcguire and Hester)
- Harrison Woods (Largo)
- Michael Ricks (Anning Johnson)
- Tom Kommer (CP Faculty)

SPECIALTY CONTRACTOR COMMITTEE

ROCK #1

Presentations in Classes

ROCK #2

Hands on
Experiences/Material
Donations

ROCK #3

Utilize and Support Clubs and
Competition Teams to Create
Interdisciplinary Focus

STATUS

Ongoing/Complete

In progress

Ongoing

RESULTS

SCSC Presentation Program alive and
ongoing

- Beam forms for concrete design course
- Pacific Structures Concrete Lab – Peer Review Complete / Precon Underway / Construction Starting Summer '23

Strong performance in Reno

MAC Competition complete,
no CM participation



CONSTRUCTION TECHNOLOGY IN EDUCATION COMMITTEE

COMMITTEE VISION

THE CTEC STRIVES TO HELP INTEGRATE EMERGING TECHNOLOGIES INTO THE CAL POLY CM CURRICULUM. OUR GROUP OF INDUSTRY PROFESSIONALS SERVES AS A RESOURCE TO AND CREATES MEANINGFUL CONNECTIONS WITH STUDENTS AND FACULTY INTERESTED IN FURTHERING THEIR EDUCATION IN AEC TECHNOLOGY.

2-YEAR GOAL (AS OF 2020, UNDER REVIEW BY CURRENT COMMITTEE)

- AEC Tech Educational Conference
- Build tool for matching SMEs with Guest Lectures
- CTEC Fund
- Expand influence to all of CAED and CE
- Digitize CM 115
- Grow outreach of AEC Tech Survey

COMMITTEE MEMBERS

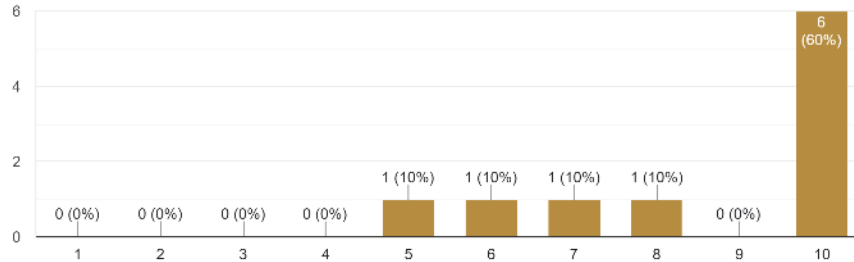
CTEC

Chair: Shane Saltzgiver, VEC

Co-Chair: TBD

Faculty Rep: Andrew Kline

Years of Experience (Construction Tech/VDC)
10 responses

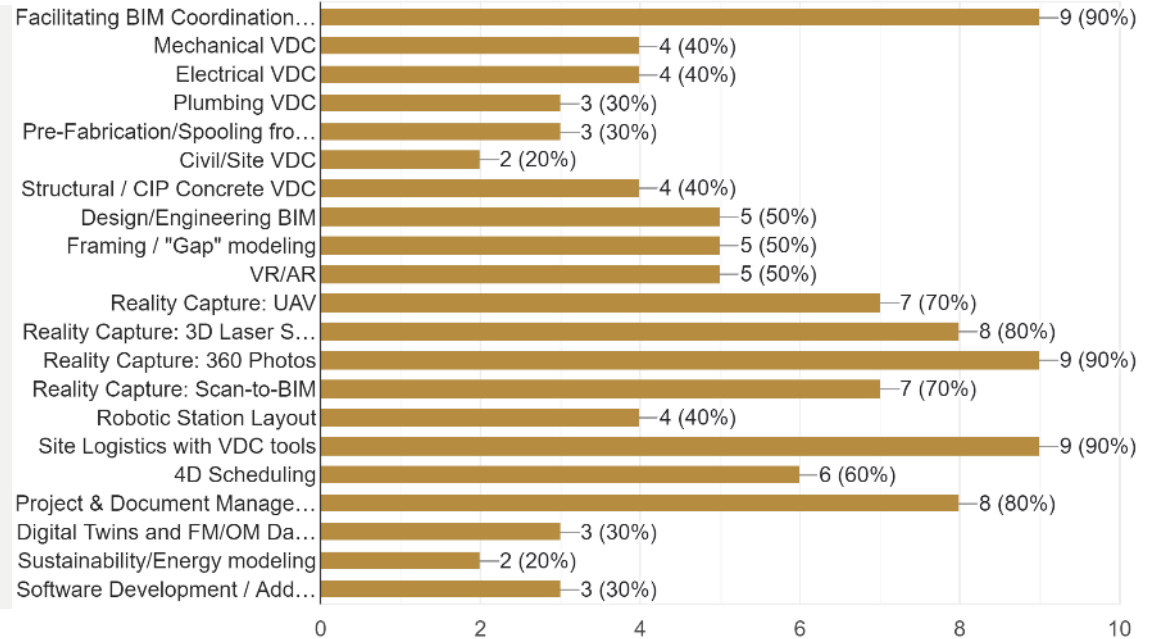


Name	Company
Jeremy Futerman	Hathaway Dinwiddie
Taylor Gilmore	Mortenson
Matty Reed	n/a
Matthew Brady	Whiting-Turner
Mike Jakes	XL Construction
Kevin Williams	McCarthy Building Comp. Inc.
Trevor Houghton	McCarthy Holdings, Inc
Luis Esquivel	Hensel Phelps
Trey Garcia	Truebeck Construction
Justin Porter	Truebeck Construction

Committee Members - CTEC

Areas of Proficiency in Construction Technology:

10 responses



CONSTRUCTION TECHNOLOGY IN EDUCATION COMMITTEE (CTEC)

ROCK #1

Increase CTEC membership
and involvement

STATUS

- Survey sent Oct. 2022 to existing members and potential new members.
- Data collected about construction tech "expertise" and involvement interest
- Next Step: reach out to broader CMAC membership and increase CTEC members. Speak with CMAC Board about eligibility requirements.

RESULTS

- (11) confirmed member interest.
- Interest in being Guest Lecturers & to help connect the industry "why" to the curriculum "how" & "what"
- Interest in supporting ASC Comp. Teams and BIM club
- Desire to connect SME's with students/faculty for deeper engagement



CONSTRUCTION TECHNOLOGY IN EDUCATION COMMITTEE (CTEC)

ROCK #2

Re-evaluate "Rocks" for 2022/2023 and beyond and update 2-year goals, then get to work!

STATUS

- Initial discussion with Faculty Rep, Andrew Kline
- Started soliciting input from CM students about how they believe they could benefit the most from SME involvement
- Next Step: deeper conversation between CTEC, Faculty Rep. & other Faculty/ Students to refine ideas and develop plan

RESULTS

- Still a lot of work to do, no results to report yet

COMMUNITY OUTREACH

DESCRIPTION

The Community Outreach Committee is to engage and develop relationships with Community Colleges and High Schools, especially those with related technical programs, to promote the Construction Industry as a Profession and Cal Poly as the premier 4-year University for a Bachelor of Science Degree in Construction Management. This committee performs the following functions:

1. Develop strategies to increase Diversity and Inclusion in the Department
2. Identify outreach opportunities to high schools and community colleges to increase awareness of construction careers, especially for women, minorities and others underrepresented in our communities
3. Implement strategies in coordination with the Managing Directors Committee and the Department

2-YEAR GOAL

- Promote the goal of making the CM graduate representative of the Communities served by Cal Poly and the Construction Industry as a whole
- Increase awareness of programs that offer Public and Industry support to current and future CM students.

2020-2022 COMMITTEE MEMBERS

Community Outreach

Chair: Chris Forster – Bob Stephens

Co-Chair:

Executive Rep: Marcus Staniford

Faculty Rep: Bryan Knakiewicz – Cal Poly CM

Jeremy Tennison – Largo Concrete, Inc.

Lizette Galvez – PCL Construction

Tina Simmons – PCL Construction

David Eichten - Pankow

Kirk Wagerman – SC Builders

Alan Hanson – Simpson Strong-Tie, Inc.

Alan Lurlund – XL Construction

Jenna Carlson – Myers & Sons Construction, LP



COMMUNITY OUTREACH

ROCK #1

Gather Data

STATUS

Committee needs
updated statistics on
student demographics in the
CM program

RESULTS

Some demographic data for
students to form baselines,
will gather more as this
changes annually

Committee to **update** data,
Current Students, Alumni,
interdisciplinary studies, Clubs,
Scholarships, etc.

COMMUNITY OUTREACH

ROCK #2

Develop Content

STATUS

Ongoing

need **updated** pictures of
Summer PE Interns,
Carpenter Apprentice
Interns

RESULTS

Continue one page (elevator
speech) why CM, outlined
content to be included in
handout to be given to
potential students

Highlights of program, financial
opportunities, scholarships, clubs,
senior projects, Income data, data
base of pictures to be used for
outreach



EVENTS & PROGRAMS

DESCRIPTION

Provide opportunities for alumni to build strong community that enhances our industry and Cal Poly.

2-YEAR GOALS

- Develop events to educate students and raise awareness of the benefits of CMAC.
- Add student representation to our committee meetings.
- Organize and lead cross committee event collaboration.
- Continue our partnership with the Carpenters Union & produce an event focused on the Carpenter Apprenticeship Internship.

COMMITTEE MEMBERS

Chair: Jason Sommers (Cahill)

Co-Chair (Nor-Cal): Reagan Milligan (Blach)

Co-Chair (So-Cal): Breanne Forster (Turner)

Faculty Members: Rachell Smith & Scott Kelting

Industry Members: Karri Novak (Suffolk), Sarah Pisani (Blach), Ron Yen (Build Group), Bill Johal (Kitchell), Chris Pedroza (Carpenters), Abbie Lucero (Kiewit), Matt Smart (Lend Lease), Matt Caswell (Skanska), Jeff Hadley (Hadley), Shaina Suanico (Rudolf & Sletten), David Mulder (Sprig), Marissa Anderson (Sundt)

EVENTS & PROGRAMS

SUMMER/FALL 2022 ROCKS

ROCK#1

Partner with the NorCal
Carpenters Union on
another mixer event for the
Carpenter Apprenticeship
Internship program.

Increase our engagement
and attendance relative to
last year.

STATUS

EXECUTED

RESULTS

Need to update w/ actuals for
engagement statistics.



EVENTS & PROGRAMS

WINTER/SPRING 2023 ROCKS

ROCK#1

Re-engage Committee,
conduct two Committee
Meetings (preferably one in
person), and update our
Committee 2-year Goals.

STATUS

To be scheduled.

RESULTS

MEMBERSHIP & GROWTH

DESCRIPTION

Advertise and promote membership in the CMAC among interested and eligible entities and individuals— especially current graduates and recently graduated alumni – with an alignment between inclusion and organizational scalability.

2-YEAR GOAL

- Focus on Individual Memberships

COMMITTEE MEMBERS

Co-Chair: Mike Schussel

Co-Chair: Tami Williams

Faculty Rep: Andrew Kline

Member: Brett Mullinax

Member: Kent Adams

Member: Shane McCullough

Member: Carl Vizcarra

Member: Bruce Daseking

MEMBERSHIP & GROWTH

ROCK #1

Achieve 200 Individual Memberships.

STATUS

We currently have 45 Individual Members.

Schedule CM460 Info Session for Fall 2022

Make CMAC sign up for senior a class assignment for CM460

RESULTS

In Process



MEMBERSHIP & GROWTH

ROCK #2

Review Individual Membership structure to promote increased membership especially with recent graduates.

STATUS

M&G committee to review prior to Spring 2023 CMAC meeting.

RESULTS

In process



YOUNG ALUMNI

DESCRIPTION

Recruit graduating students and engage them in CMAC as well as provide support and mentorship for young alumni.

1-YEAR GOAL

- Increase size of Young Alumni Committee.
- Organize events with recent graduates who have joined CMAC to maintain interest in CMAC post-graduation.

2-YEAR GOAL

- Along with the help of the Events & Programs committee, further develop and grow a mentorship program for young alumni.

COMMITTEE MEMBERS

Chair: Peter Riley – Truebeck Construction

Co-Chair: TBD

Faculty Rep: Jeong Woo

Kristen Forster – PCL Construction

Ally Forster – PCL Construction

Patrick Shami – Swinerton Builders

Marco Maffioli – Truebeck Construction

Brittney Lerdahl – DPR Construction

Marlo Castro – DPR Construction

YOUNG ALUMNI

ROCK #1

Increase size of Young Alumni Committee within CMAC.

STATUS

In Progress - Requesting list of new graduates who joined CMAC from Membership & Growth Committee. Planning to reach out to these members for interest in the committee.

RESULTS

TBD



YOUNG ALUMNI

ROCK #2

Organize events with recent graduates who have joined CMAC to maintain interest in CMAC post-graduation.

STATUS

In Progress – Working on casual happy hour meet ups to occur a couple times during the year in SF and LA.

RESULTS

TBD



YOUNG ALUMNI

ROCK #3

Continue development of CMAC mentorship Program alongside Events & Programs committee.

- 1) CMAC Young Alumni mentoring students.
- 2) Senior CMAC Members mentoring CMAC Young Alumni.

STATUS

Open – mild success with pilot mentorship program. We would like to brainstorm during the breakout session better ways to provide a mentorship program between CMAC members as well as with students.

RESULTS

TBD

CMAC COMMITTEE RECAP & NEXT STEPS

- We need to focus on a SINGLE PRIORITY Rock to be completed by the
Spring Meeting: June 9th 2023?
- Quarters to Semesters Transition Opportunities

CM DEPARTMENT UPDATE

Jeong Woo



CAL POLY

ENROLLMENT UPDATES - 2022

Freshmen - 99

Male - 80

Female students - 18

Transfer students - 8

Graduates in 2022-2023

130+ students are expected to graduate in 2022-2023

Change of Major in 2021-2022

There are 34 students who were transferred from other majors at Cal Poly

107

INCOMING CM MAJORS

131+

EXPECTED GRADUATES

590+

CM MAJORS

80+

CM MINORS



		Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
All Students	Headcount	92	99	97	103	110	98
GENDER:							
Men	Headcount	83	74	71	86	90	79
	Percent	90.2%	74.7%	73.2%	83.5%	81.8%	80.6%
Women	Headcount	9	25	26	17	20	19
	Percent	9.8%	25.3%	26.8%	16.5%	18.2%	19.4%
ETHNIC GROUPING:							
Under Represented Minorities	Headcount	21	34	18	23	21	26
	Percent	22.8%	34.3%	18.6%	22.3%	19.1%	26.5%
Non-Under Represented Minorities	Headcount	71	65	79	80	89	72
	Percent	77.2%	65.7%	81.4%	77.7%	80.9%	73.5%

		Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
Total Students		92	99	97	103	110	98
MCA Academic Score	N	92	99	96	102	110	98
	Average	4059	4144	4157	4162	4253	4366
High School GPA	N	92	97	95	101	105	97
	Average	3.72	3.80	3.76	3.83	3.91	3.84



CMAC MIXERS

Jeong Woo



CAL POLY

SACRAMENTO MIXER - MYERS & SONS



FRESNO MIXER – QUIRING GENERAL



SD MIXER - DPR



LA MIXER - LARGO CONCRETE



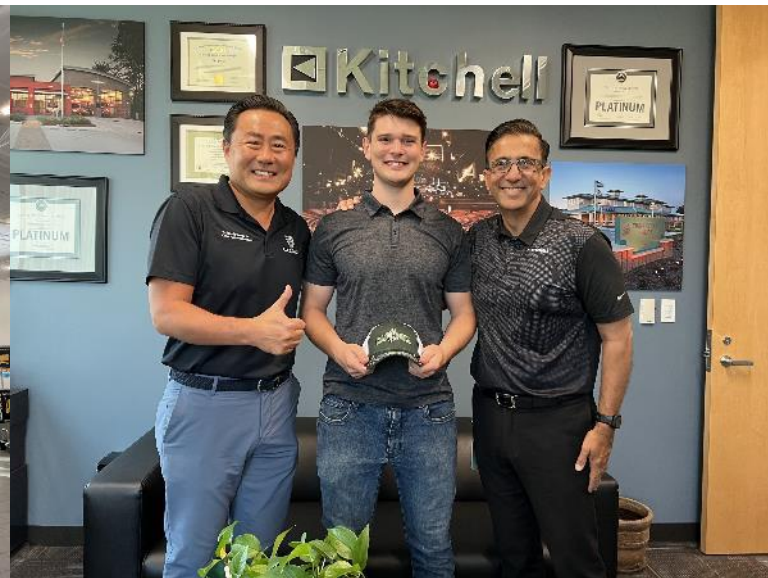
CAL POLY

CLIPPERS STADIUM SITE TOUR



CAED HONORED ALUMNA - SUE ROZAKIS





FACILITY UPDATES

Jeong Woo



CAL POLY

STUDENT LOUNGE AND COLLABORATION LAB

De Mattei Lab



AS OF 11/2/2022



CLASSROOM UPGRADES





RECRUITING EVENTS

Jeong Woo



CAL POLY

CAL POLY FALL 2022
CONSTRUCTION MANAGEMENT

CAREER FAIR RESULTS

ATTENDING STUDENT MAJORS



CONSTRUCTION
MANAGEMENT



CIVIL & MECHANICAL
ENGINEERING



ARCHITECTURE



BUSINESS
& OTHER

GENERAL EXPERIENCE: 4.66 AVERAGE RATING



ATTENDANCE

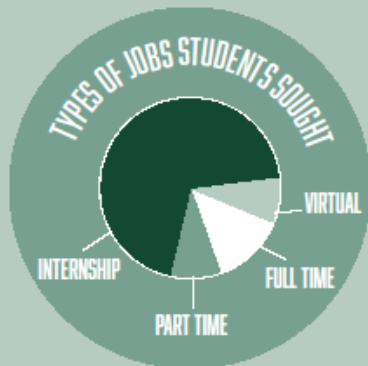
TOTAL

650+

AVERAGE FOR
STUDENTS PER DAY

300+

"I LOVE THIS MAJOR! NICE JOB CCCE & CAL POLY CM."



STUDENT ATTENDANCE BY YEAR

FIRST YEAR

SECOND YEAR

THIRD YEAR

FOURTH YEAR

FIFTH YEAR

STUDENT TOP REASONS FOR ATTENDING

1. TO INTERVIEW FOR JOB OPPORTUNITIES
2. TO NETWORK WITH CM COMPANIES
3. TO RESEARCH INTERNSHIPS & FULL-TIME JOBS

*"I LIKED THE TWO DAY SET
UP. GREAT TO BE IN PERSON!"*











CAL POLY CHAPTER

AGC FIRST MEETING

**CM BUILDING B302 11:30AM
MONDAY 10/24**

AGENDA:

- MEET OUR BOARD
- CLUB MISSIONS/GOALS
- EVENTS
- HOW TO GET INVOLVED
- MERCH!

@AGCCALPOLYSLO

Women in Construction Resume Workshop

DATE
Tuesday, October 25th

TIME
6:30pm

LOCATION
Building 186 Room B202

WHAT'S FOR DINNER?
Chipotle!

Join Blach Construction to prepare your resume ahead of the fall career fair.

ENJOY DINNER ON US!

BlachConstruction

NEW PROGRAMS

Jeong Woo



CAL POLY

RENEWABLE ENERGY INITIATIVES



GIRL'S BUILD ACADEMY



50TH ANNIVERSARY

Jeong Woo



CAL POLY

FIRST PLACE TEAM
1st Annual CM Competition
January 1988



Jim Ballard, coach Jim Rodger
Dave Rogers, Keith Parsons, Jon Ford, Alan Laurlund, Dave Eichten



CAL POLY



STUDENT SUCCESSES

COMPETITION RESULTS

CARPENTER APPRENTICESHIP

NOTABLE STUDENT PROJECT

CLUB ACTIVITIES



CAL POLY

CM FRESHMEN WELCOME BBQ



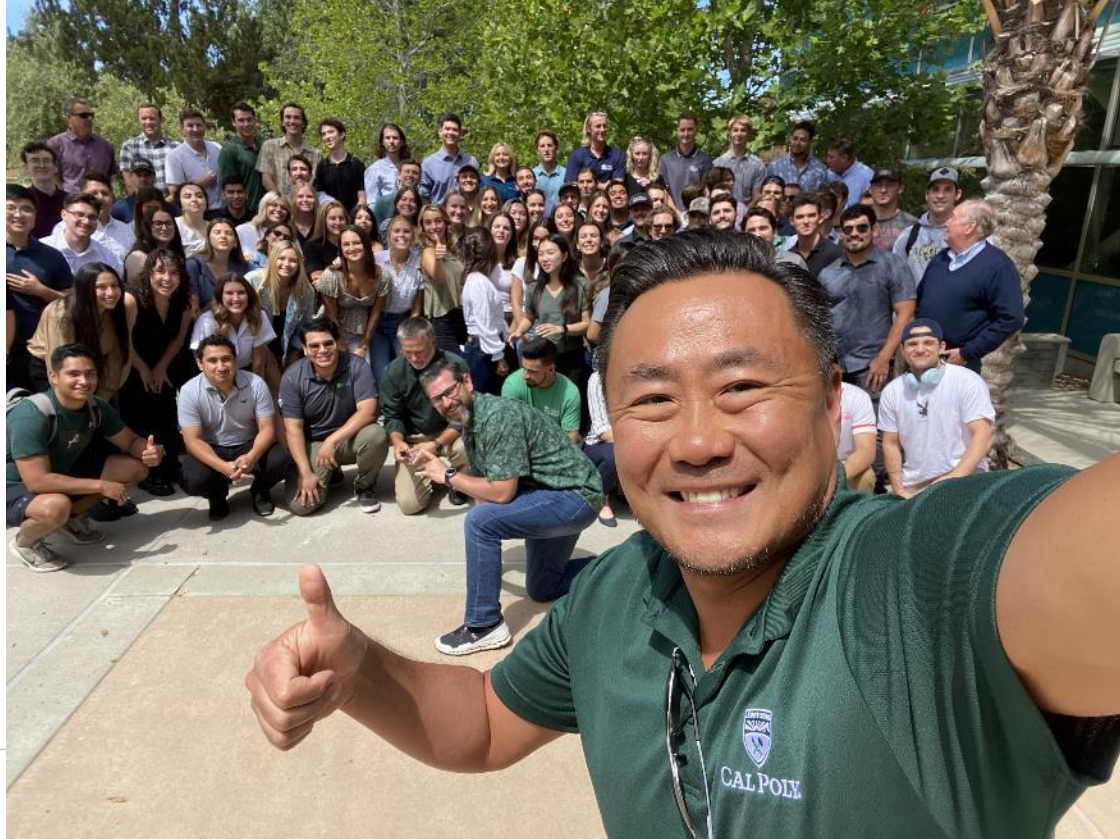
SENIOR BANQUET



SPRING GRADUATION



CLASS OF 2022



CAL POLY

APS)

CMAC
CONSTRUCTION MANAGEMENT
ADVISORY COUNCIL

/ 111

ASC Competition

Region 3



ASC Region 3 National Open Competition

Concrete

Electrical

Preconstruction

TAKING EXAM DURING SITE TOUR

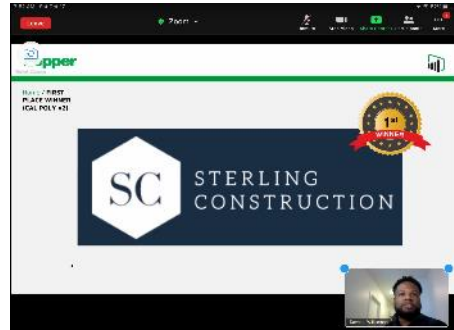


PRECONSTRUCTION CHAMPIONS

Four-peat!



2019



2020



2021



2022

ELECTRICAL CHAMPIONS



Competition Sponsors



Carpenter's Apprenticeship

Started program 8 years ago with 6
students in Northern CA; now 30
students in Northern & Southern CA



CARPENTER'S APPRENTICESHIP CELEBRATION



DAVE ECONOMOS



BEN CARTER

<https://youtu.be/IXWZIAFVR6c>



CAL POLY SCHOLAR

Bryan Cruz

SAVE THE DATE

ALL HANDS CMAC MEETING

- Friday, June 9th 2023

CM SR. BANQUET

- Friday, June 9th 2023

ASCM GOLF TOURNAMENT

- Saturday, June 10th 2023

THANK YOU

CMAC

CONSTRUCTION MANAGEMENT
ADVISORY COUNCIL



CAL POLY