Dear Alumni and Friends,

In this issue of Connections, we share stories from members of the CAED community who advance the resilience of the built environment.

Every day our students ask important questions about how to integrate social, ecological, technical and economic imperatives, and how to make future generations better prepared when disaster strikes. Under the guidance of expert faculty, they explore ambitious goals in areas such as climate action planning, locally sourced construction, material recycling, water conservation, affordable housing, net zero systems and earthquake resistance.

This work takes many forms as students engage across CAED’s disciplines and collaborate with external partners. Recent projects include a proposed wellness district for Midtown Ventura, new homes to replace those destroyed by the Weed fire, wall construction prototypes for a school in Tanzania, a PV system in Belize, and post-disaster reconnaissance in Nepal and Mexico City. This work has been recognized by numerous awards, which we highlight on the following pages.

Another year of stellar rankings affirm the high quality of our programs for education in sustainable, adaptive and resilient design. I am especially proud to announce that this year’s DesignIntelligence surveys of deans and department heads at U.S. accredited schools ranked Cal Poly’s undergraduate architecture and landscape architecture programs as No. 1 in the nation among peers.

I invite you to join me along with students, faculty and industry leaders for the CAED Symposium on Resilient Design on Feb. 22-23, 2018. This interdisciplinary conversation will feature speakers from across our built environment disciplines who will explore the state of resilient design practice, formulate questions that will guide education for the next 20 years, and ask how resilience thinking can create safer and better places. The symposium is sponsored by partner firms and foundations, and organized by Architecture Department Head Margot McDonald and City and Regional Planning Department Professor Emeritus William Siembieda. It is the first public event sponsored by the college in our role as the Western hub for the National Resilience Initiative.

As always, we extend our thanks to those of you who are able to generously share your experience in classes, on alumni councils, with student clubs and at job fairs, and for welcoming Cal Poly students to your workplaces and collaborating with them on projects. As innovative partners for faculty and extraordinary role models for students, you are key to our Learn by Doing success.

Christine Theodoropoulos, AIA, PE
Following Hurricane Irma, I surveyed 70 miles of Florida’s Gulf coast, discovering residential and commercial buildings had withstood the impact quite well—a clear reflection of the Florida Building Code, to which I have contributed through hazard mitigation research.

My work began decades earlier in my native Nicaragua, where I had returned after studying in California imbued in Cal Poly’s Learn by Doing philosophy, with great expectations and many questions: What kind of a job could I get? Should I set up my own practice? How will it feel to “do real design”?

After two years working for an architecture and engineering firm in Managua, I started my own design-build practice. Soon I undertook a truly transformational project in my career as a member of a project team, which included Edward Durrell Stone and T.Y. Lin International, for the 20-story headquarters of the largest private bank in Nicaragua. Two years after completion, in 1972, a catastrophic earthquake destroyed most of Managua. In the disaster aftermath, the bank building stood tall, surrounded by ruin—a testament to its resilient design.

For the next five years I practiced forensic architecture and hazard mitigation to reduce potential future damage by improving how we design, construct and strengthen existing buildings during the rebuilding process.

The knowledge I gained served me well when South Florida sustained Hurricane Andrew in 1992, and I continued focusing on the practice of hazard mitigation. This led me to establish the theory of “sheltering in place” as the best alternative for hospitals required to evacuate for an approaching hurricane, a truly risky proposition, provided they implement effective hazard mitigation measures.

Through research I discovered improving the performance of a roof under hurricane conditions involved increasing the thickness of plywood sheathing by one-eighth of an inch and using a different type of nail. These simple practices, which were adopted into the Florida Building Code in 2004, have benefited millions of people.

Since 1993 I have participated in 1,500 new and retrofit projects to mitigate damage from the impacts of recurring hurricanes to hospitals, schools, government buildings, communication facilities, roadways and numerous other facilities using methodology also applicable for earthquakes, floods, tornadoes and other natural hazards.

Designing buildings to withstand the impacts of natural hazards is not rocket science, yet it is seldom taught at the university level. And it should be.

Ricardo Alvarez (Architecture, ’67), hazard mitigation and vulnerability assessment expert, has published two books and taught graduate courses for 17 years. His current focus is adaptation of the built environment to sea level rise and climate change.
Designing buildings to withstand the impacts of natural hazards is not rocket science, yet it is seldom taught at the university level. And it should be.
In 1968 a new bachelor’s degree program offered in the School of Architecture was to serve a “very important emerging professional field,” the catalog read, “which guides and designs the communities wherein we live.”

Now Cal Poly’s City and Regional Planning (CRP) Department is celebrating its 50th anniversary.

For the first 10 years, the program was led by the well-respected and influential architect/planner Ken Schwartz, who later served as mayor of San Luis Obispo and was instrumental in creating the downtown Mission Plaza. In 1976 the department added the Master of City and Regional Planning to serve the increasing demand for graduate-level education degree.

Over the past 50 years, the program has produced more than 1,600 alumni, won numerous state and national planning awards and been consistently ranked among the top professional programs in the country. The program now demonstrates excellence in urban design, environment and sustainability, transportation and community development.

This year CRP is hosting several events to honor the anniversary, culminating in a two-day celebration on April 27-28, 2018, in San Luis Obispo. The celebration will feature both educational and social events while serving to reconnect alumni with each other and with their alma mater. Details for this event are forthcoming.

In September at the American Planning Association California Chapter Conference in Sacramento, more than 80 alumni, faculty and students gathered to tour the LEED Platinum-certified Golden 1 Center and reconnect. In the winter, the department will host a symposium on the future of city and regional planning in California.
For years, an old two-story former apartment building sat in a forgotten San Jose neighborhood, largely devoid of occupants but full of potential. At least that’s how Thang Do saw it. And thanks to his creative vision, that long-dormant building now houses not only his firm — Aedis Architects — but also SoFa Market, a thriving communal marketplace that increases access for smaller vendors. “It promotes a sense of community,” Do said. “It contributes positively to the life quality of the neighborhood.”

For Do (Architecture, ’86), sustainability requires more than making buildings energy efficient. “It begins with projects that have the least impact on the environment, but it must go well beyond that,” he said. “It must mean it is financially and socially sustainable and contributes positively to the community and to good urban planning practices. Sustainability also means doing less or sometimes doing nothing at all.”

The CEO of Aedis and a former chair of the San Jose Planning Commission, Do is not only an architect but also an urbanist and a real estate developer, whose firm’s mission is to design and promote sustainable, forward-thinking facilities. Do’s interest in sustainability dates back to his childhood in Vietnam. “Growing up in a poor country where resources were extremely limited made me very frugal,” he said. “I hate waste, and that’s a key basis for sustainability.” “Building a huge structure — such as the mega-mansions tech millionaires and billionaires are buying—then equipping it with the greenest technologies is not a sustainable approach.”

Aedis, a 60-year-old firm Do has owned since 1989, specializes in educational facilities — it designed the first two net-zero energy public school buildings in California — but the SoFa Market represented an entry into the sustainable developer side, taking an existing building and transforming it.

The 92-year-old building was initially built as a place to create clothing for a high-end apparel store, though it was later converted to house studio apartments. When Do bought it, the ground floor was vacant. Do designed a complete renovation, yet kept the historic façade intact. He then filled it with several eateries, a coffee house, a bar, and Aedis’s own LEED platinum-certified headquarters, leading the growth of a new creative vibe in downtown San Jose. To help independent business owners in a city known for foreboding rents, the SoFa Market was designed for vendor space as small as 100-400 square feet. While the SoFa building is energy efficient, Do said, its most sustainable qualities have more to do with its common facilities, its location within walking distance of many customers and its role in a newly revitalized part of town.

As a father of four children, ages 6 to 11, Do feels he has a moral duty to protect the Earth.

We are stewards of the environment they will inherit.

“If we keep wasting and destroying, we are ruining this inheritance of theirs, which is more important than money or anything else. … We are stewards of the environment they will inherit.”
After hearing a dean’s vision for a modern science center, Ted Hyman wondered how such a building might change the culture of Cal Poly. That entailed how the building might relate to its site, how it would enhance the programs it supports and — perhaps most importantly — what kind of experience it would create for its occupants. “I am probably the proudest of the way the faculty and students use the building,” said Hyman (Architecture, ’79), who served as principal architect of the Warren J. Baker Center for Science and Mathematics. “The culture of Cal Poly and the Learn by Doing ethic embraced by the faculty allowed us to do something we have never been able to do.”

The Baker Center received the 2017 Livable Buildings Award from UC Berkeley’s Center for the Built Environment. The award recognizes buildings that demonstrate exceptional performance in occupant satisfaction, resource efficiency and overall design. Jurors noted the exceptionally high scores from the occupant survey as well as the building’s superior acoustic quality, thermal comfort and beauty.

Completed in 2013, the building’s genesis dates back to 1993, when College of Science and Mathematics Dean Phil Bailey proposed a modern facility that would become an interactive learning space, a physical and social hub of campus and a pioneering model of sustainability. He then shared his vision with ZGF, the national firm that designed the center. “He sounded like an architect,” said Hyman, a ZGF partner and the CAED 2014 Honored Alumnus.

ZGF’s design took advantage of the beautiful landscape surrounding the campus and created open space where students and faculty could collaborate. ZGF is now designing the future Science and Agricultural Teaching and Research Complex, which will be built close to the Baker Center. “This will be the first purpose-driven research building at Cal Poly,” Hyman said. “It will be a terrific tool for recruiting and retaining the best students and faculty to this wonderful institution.”
With the assistance of strategic planning expert Paul Hamalian (Construction Management, ’88) Honored Alumnus and member of the Dean’s Leadership Council, the CAED created the 2017-22 strategic plan in true Learn by Doing fashion. The yearlong effort, led by a core engagement team comprised of students, faculty and staff from across the college’s departments, included outreach to all members of the college community through workshops, stakeholder meetings, surveys and proposals from individuals. The result is a plan for fostering CAED community through actions that welcome, develop together and look forward. Goals include:

WELCOME: OUR DIVERSITY ENHANCES OUR CREATIVITY

The CAED will increase outreach to communities and organizations that contribute to the diversity of the college and the diversity of future built environment professionals. Through orientation programs and communications initiatives dedicated to sharing and listening, we will foster creativity and achievement.

DEVELOP TOGETHER: OUR COLLABORATION LEADS TO PERSONAL AND PROFESSIONAL SUCCESS

The CAED will increase interdisciplinary study that prepares students for professional practice. By promoting student leadership, proactive advising, mentoring, and flexibility, we will open doors for inclusive collaboration that enriches the success of all members of the CAED community.

LOOK FORWARD: WE INSPIRE, LEAD, INNOVATE

The CAED will engage external partners to develop programs that prepare the next generation of leaders and innovators to recognize challenges, solve problems and realize opportunities that will shape the environments of the future. Through the creation of an interdisciplinary major and a technologies exchange initiative we will share expertise to inspire innovation.

Read the complete text online at: caed.calpoly.edu/strategic-planning
Like many future architects, Mark Cabrinha was a childhood builder, using his youthful creativity and boundless freedom to experiment with shape and form. “There were a lot of Legos around,” he said.

Years later, after working as an architect in Chicago and returning to Cal Poly as a member of the architecture faculty, he now serves as the CAED’s new associate dean for academic affairs. In this role, Cabrinha (Architecture, ’95) oversees student and curricular affairs, coordinates diversity and inclusion programs, advises students and works closely with the dean and associate dean for administration to further the college’s mission.

As a champion of students’ voices, Cabrinha founded the Open Source Learning Lab to encourage students to challenge the status quo of K-12 education by adapting architecture and design to new, more collaborative methods of learning. “I envision this studio as a collective think tank to reflect on their experience as architecture students,” Cabrinha said, “and to empower these students to develop a more public voice in their work through our collective blog, through field trips, by working with high school students and traveling.”

He believes students should be encouraged to express themselves, just like a young Lego builder. Toward that goal, he helps students shape their education to form their identity, project their interests and position themselves in the world.

“Students have a powerful voice. They just don’t always realize how powerful that voice is.”

“One of my primary teaching philosophies is to ‘let the students lead,’” Cabrinha said. “This is really about empowering students—creating an environment for them to explore, test boundaries, but ultimately to make it their own.”
Students have a powerful voice. They just don’t always realize how powerful that voice is.
After a violent earthquake transformed San Francisco into a city of smoke, rubble and ruin, a Norwegian farmer who’d immigrated to America five years earlier decided to help rebuild.

Today, 110 years after Carl Overaa launched his business, Overaa Construction continues to thrive in the Bay Area, often performing seismic upgrades to mitigate future earthquake damage. But even when Overaa performs familiar work, it is constantly adapting to the times. “The younger generation of industry professionals and craftsmen do not subscribe to the old adage of ‘doing the way we always have done it,’” said company President Chris Manning (Construction Management, ’88). “They are innovative and embrace technology like no other generation before them.”

Overaa’s team includes 17 Cal Poly alumni, comprising 35 percent of the project management staff. Overaa, which sponsored a lab in the Construction Innovations Center, actively recruits from Cal Poly, knowing graduates will be well-versed in modern construction concepts, such as sustainable practices. “They have a real interest in building with as little an impact on the environment — no doubt learned at Cal Poly,” Manning said.

After the 1906 earthquake, Carl Overaa’s company prospered through periods of war and depression. And Overaa continues to grow, with hundreds of design projects in every market sector, including schools, churches, parking structures, office buildings, single family housing and industrial structures. Connecting the present to the company’s past, Overaa continues to perform important seismic retrofits, with projects that include the infamous “Death Row” at San Quentin State Prison, Pier 48 in San Francisco and the 110-year-old Greek Theatre at UC Berkeley.

Just as the past shaped their business, the future drives it: Sustainable design has been a part of many major projects, including wastewater treatment plants and educational facilities. “The industry has gotten smarter and learned from the excesses of our predecessors,” Manning said.

And he expects change to continue. “For hundreds of years, we have built with the same materials: wood, concrete and steel,” Manning said. He explains today’s use of new materials such as composites, plastics, and carbon fiber, along with advances in concrete technology, allow for faster production and more effective building techniques while newer products created from recycled materials will make better use of current construction waste streams, helping the environment.

Overaa is also leading industry change through construction innovations that allow for much larger, pre-assembled wall forms to be transported on standard-sized truck beds. This contrasts with traditional methods of building on-site or transporting pre-fabricated, bed-sized pieces, which are then assembled on the job.

With planning that includes creativity in materials selection and building practices, Manning advocates for building economically and efficiently while saving resources and the environment. “The technology is here, and the economics are right for net-zero building to become the building design and building practice of the future.”

They have a real interest in building with as little an impact on the environment — no doubt learned at Cal Poly.
Cal Poly’s City and Regional Planning Department hosted the third California Climate Action Planning Conference last August, furthering Cal Poly’s status as a leading force in educating future climate professionals.

More than 240 climate and energy professionals from around the state attended the conference, including Cal Poly students and faculty. The conference featured leaders in the field and an in-depth focus on greenhouse gas emissions reduction and climate adaptation at the local and regional level.

Ken Alex, director of the Governor’s Office of Planning and Research, opened the conference via video and said California is “really at the cutting edge of what is going on in climate change response, in the world. … We are one of the originators of the Under2 Coalition, which is now almost 200 jurisdictions around the world fighting climate change.”

In addition to Alex, San Luis Obispo Mayor Heidi Harmon and Aaron Klemm, chief of energy and sustainability at the CSU Chancellor’s Office, provided opening remarks.

Conference organizers Michael R. Boswell and Adrienne Greve have assisted numerous local and state agencies to prepare climate actions plans and other technical plans for addressing climate change. Often these projects involve students who are able to gain hands-on training in the field.

“California continues to be an innovator in addressing the climate crisis,” said Boswell, professor of city and regional planning and the conference director. “We are bringing the leaders in the field to Cal Poly to share best practices and inspire each other to create low-carbon, resilient communities.”

Event sponsors included PlaceWorks, PG&E, Bay Area Air Quality Management District, SoCalGas, ICF International, San Luis Obispo County Energy Watch, Ascent Environmental, Resources Legacy Fund, and Raimi and Associates.
After World War II, student enrollment increased dramatically, forcing school districts to quickly accommodate growth. As a result, San Rafael’s Terra Linda High School, built in 1960, represents the more standardized design of the day, which focused more on space than educational compatibility.

Sixty years later, when San Francisco firm Deems Lewis McKinley (DLM) set out to design a renovation of the school, architects looked at new theories on learning that draw on technology, sustainability, Learn by Doing principles and collaboration.

“We are emulating basic college campus planning concepts of exterior space and student, faculty and general social interaction,” said DLM President and 2009 Honored Alumnus Wally Gordon (Architecture, ’80).

Architects designing California schools, Gordon said, have to consider the diversity of climate, topography, demographics, history, culture, and politics. That diversity poses both challenges and opportunities, requiring California architects to be especially progressive in new school design. “After all, architects are primarily responding to the needs of users and the environment. Today’s progressive classrooms have simple and flexible furnishing configuration options for individual learning and instruction,” he said, transforming rooms with rows of chairs facing a chalkboard into clusters of small group learning areas.

Meanwhile, designers are maximizing natural light, transforming windowless structures. “Studies show natural light is a significant factor in students’ ability to feel comfortable, focus and succeed in a classroom,” said Gordon. Good use of color can also impact learning. “We’ve worked with a professional color consultant who understands how color affects the human mind.”

Like other DLM school projects, Terra Linda High School, featuring renovated and new structures, will incorporate these new approaches. Its library will be repurposed as an Innovations Hub, supporting a renewed focus on science, technology, engineering, and math curriculum. A blackbox theater will be used as a lecture hall while also anchoring the center of the campus’ academic and social life. As a whole, the campus improvements will have the feel of a college student union.

We are emulating basic college campus planning concepts of exterior space and student, faculty and general social interaction.

Firms like DLM that specialize in schools have to evolve as educational approaches do. Today that means schools are more than buildings with roofs, walls and doors. For Gordon, the evolution of school design means “we now focus on what helps an individual learn.”
ENGINEERING WEST
TRANSFORMATION WILL ENCOURAGE INNOVATION AND COLLABORATION

Since the early 1960s CAED students have practiced Learn by Doing in Engineering West, where they built Poly Royal structures in the Hasslein Courtyard, practiced shop skills in the Cathedral, tested innovative designs in the High Bay, and experimented with materials in the concrete yard and structures labs.

Today those spaces are more active than ever as students across the college’s disciplines take part in a longstanding tradition of innovative materials exploration. In recent years, the quality and quantity of student projects have increased exponentially. As a result, the college’s shops and labs are teeming with activity that often exceeds capacity. The latest addition to our shops — the digital fabrication lab — is already overwhelmed by enthusiastic demand.

Future students deserve the same competitive edge CAED graduates have enjoyed for decades. To explore what is possible, the college partnered with EYRC Architects where alumni — who spent long hours in CAED shops and labs as students — helped investigate the feasibility of transforming the heart of Engineering West into an expanded state-of-the-art hub that blurs the boundary between social and industrial realms. The study proposed flexible spaces to support emerging pedagogies and technologies, and increased visual connections to strengthen the CAED learning community and display its activities to passersby.

The result has inspired the college to embark upon a fundraising campaign for a creative nexus where collaboration, design, fabrication, testing and exhibition spaces are integrated under one roof encouraging cross-pollination of ideas. The college is counting on the generous support of alumni and friends to make the vision a reality.
“We are really proud of what comes out of our shops, but we know it could be so much better. This facility will be a catalyst for learning through practice in the 21st century so that our graduates will be even more versatile as innovators in the future.”

Dean Christine Theodoropoulos

“We have students coming through who just want to get to their full potential. We need to move forward and have access to the space that allows for this.”

Karlee Gailey
2nd year architecture student

“I want people to be able to come here and work with their peers and form a camaraderie when they are working on their projects to really create amazing things.”

Lindsey Cook
2nd year architecture student

“A new facility would definitely give space for collaboration and interdisciplinary learning. Students would be able to take their ideas and never have to hit the brakes.”

Benjamin Johnson
5th year architecture student
Soon after landing in Haiti in 2010, Doug Lowe (Architecture, ’74) was greeted on the tarmac by a departing fellow humanitarian, who was overwhelmed by the devastation. “I’ve had it,” the volunteer said, wearing bloody scrubs. “This is all I can take.”

Days earlier, a massive earthquake had rocked the island country, causing widespread calamity. “It was chaos,” said Lowe, this year’s Honored Alumnus for the College of Architecture and Environmental Design. “All kinds of things had collapsed. A lot of people were injured. A lot of people died. There were thousands of people camped out on a campus, waiting for medical help.”

In Haiti, he inspected garment factories to see what needed to be done to damaged buildings to ensure people could continue working in a country where clothing represents a substantial portion of the economy.

“People all over the world are underemployed,” he said. “It’s already bad enough in Haiti — and that was about to get worse.”

The time in Haiti represents just one of many humanitarian trips for Lowe, who has led disaster response in Darfur, relief in Armenia and Sudan and other projects in Turkey, Jordan and Lebanon, to name a few. But just as he leads by example by traveling the globe on relief missions, Lowe is also known for helping young and future architects.

“Mentoring is a part of what I consider to be my job and is a necessary component of being a human being,” he said.

Cal Poly’s Alumni Association considered Lowe’s relief work and his mentoring efforts in naming him an Honored Alumnus for 2017. Known as an advocate for budding architects, Lowe sponsors students with financial need to attend the hands-on Architecture Summer Career Workshop and helps students secure professional internships.

A founding principal of the international firm Cuningham Group, Lowe is a leader who champions Cal Poly’s Learn by Doing credo. Known for his technical expertise and his tendency to go beyond what’s expected, Lowe’s projects have included Disney’s California Adventure, the Star Trek Theater and Universal Studios Hollywood.

While Lowe dedicates much of his time to executing complex projects and mentoring design teams, his firm allows him the flexibility to travel the world on humanitarian missions. Lowe first felt a sense of social responsibility growing up in the ’60s and ’70s, eventually becoming involved in global community service through faith-based organizations.

Those efforts inspired the California Council of the American Institute of Architects to recognize him with its first Norma Sklarek Award in 2014. The Sklarek Award, named after the first African-American woman to become a member of the AIA, is conferred upon architects in recognition of their social responsibility.

Through his connections to organizations dedicated to community resilience, Lowe successfully advocated for Cal Poly to become one of five universities in the National Resiliency Initiative Network, which engage design studios in helping communities become better prepared for natural disasters and climate change.
Mentoring is a part of what I consider to be my job and is a necessary component of being a human being.
HONOR ROLL OF DONORS AND LEGACY CLUB

The College of Architecture and Environmental Design thanks all of our alumni, parents and friends for their support. This honor roll recognizes gifts of $1,000 or greater received during the 2016–17 fiscal year.

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ABERNETHY’S PAY IT FORWARD WITH $2 MILLION SCHOLARSHIP ENDOWMENT

Cal Poly provided Maura and Steve Abernethy with the practical skills that would greatly benefit their successful careers — and now they want others to have the same opportunity.

Their generous $2 million endowment will provide financial assistance to first-generation or lower-income students pursuing architecture and engineering degrees at Cal Poly. “During your lifetime, there will be a handful of people who will believe in you, and these people can have the powerful effect of positively changing the course of your life,” Maura Abernethy said. “We hope to do this with our scholarship.”

Not only did Maura Abernethy (Architecture, ’93) and Steve Abernethy (Architectural Engineering, ’89) find an emphasis on creativity, real-life scenarios and problem solving at Cal Poly, they also found each other — in an architectural design class. Their careers would be just as successful as their courtship.

Maura Abernethy is the founder and principal of Studio VARA in San Francisco, which specializes in residential architecture. Steve Abernethy is the co-founder of SquareTrade, which provides consumer protection plans for electronics, appliances and more.

“Both the engineering and architecture programs prepare undergrads to attack new possibilities and succeed right after graduation,” Steve Abernethy said. “They are programs pursuing creativity and problem solving and are a platform to think more broadly about the world.”
According to Austin Hearst, “Architecture and cartography are ways of representing the world, or how you envision it, in a graphic way.”

In his business Hearst (Landscape Architecture, ’78) uses classic mapping techniques to manage forestry and cattle operations. And in his philanthropic work with the new federal government of South Sudan, he uses mapping to seek suitable places for large-scale agricultural development.

Knowing the importance of mapping, Hearst is sponsoring the Visual Communication of Information Initiative within the CAED to enhance environmental design disciplines and allied fields at Cal Poly. Ultimately, it will also deepen an understanding of the relationship between design and mapping and promote Learn by Doing activities that advance students’ spatial data ability.

Students are increasingly using geodesign methods that integrate spatial and temporal data to inspire creativity and inform decision making. As CAED graduates begin careers in design, planning, construction, and other fields, they will gather geospace data and create maps to engage in a variety of activities, including vulnerability and risk assessment, spatial change analysis, data visualization, and design communications. The initiative will provide new learning experiences that engage students in design-related mapping and spatial data visualization.

The grandson of media entrepreneur William Randolph Hearst, Hearst started his career at a forestry mapping company, mapping stands, or varying sections of landscape. Since then, he has undertaken vastly different endeavors — including a key leadership role in the Hearst Corp., but he remains a dedicated cartographer. He sees the field of mapping expanding to impact a wide range of human endeavors.
This year, the College of Architecture and Environmental Design (CAED) celebrated its 70th anniversary with an all-class weekend reunion in June. More than 250 alumni, with family, faculty and friends of the college attended.

The weekend kicked off with a welcome reception on Friday night. After breakfast the following morning, alumni enjoyed several fun activities, including a tour of Poly Canyon led by Associate Dean Kevin Dong; a Sketch Cal Poly tour led by Landscape Architecture Department Chair Omar Faruque; A Day in the Life of a CAED Student for teens with faculty members Paul Weber, Stacy Kolegraff and Architecture Department Head Margot McDonald; the Art and Science of Winemaking and Winery Design with members of the wine community and faculty; a BBQ lunch and a Dean’s Day celebration honoring current and past deans Christine Theodoropoulos, Paul Neel and Tom Jones with featured alumnus speaker Dominic Leong (Architecture, ’01). The weekend was topped off with dinner and dancing on the Dexter Lawn.
ALUMNI EVENTS

The Class of 1962 celebrated its 55th Reunion in April. Pictured from left to right in the front row are reunion organizer Dick Wong, one of the CAED’s first female graduates Joyce “Mickey” Vagasy (Dolman), and Paul Davis. In the rear row, from left to right, are Keith Bautista, Morris Skenderian, Joseph de Angelis and Larry Moon.

The Landscape Architecture Class of 1984 reunited in July at the Mainini Ranch and other San Luis Obispo locations. Department Chair Omar Faruque (lower left) joined in the festivities.

Eric Rauser (Architecture, ’99) spearheaded the first-ever Texas alumni event, which he hosted Nov. 9 during the Texas Society of Architects Convention in Austin.

Baxter Miller (Landscape Architecture, ’78) is leading an effort for the Landscape Architecture Class of 1978 to get together in June of 2018. Email your interest to caed-events@calpoly.edu.

AIA PROFESSIONAL FELLOWSHIPS AWARDED

The induction of two alumni was celebrated on April 17 during the AIA Conference on Architecture in Orlando, Florida. Recognized were Thang Do, FAIA (Architecture, ’86), president of Aedis Architecture and Planning in San Jose, and Gaylaird Christopher, FAIA (Architecture, ’76), president of Architecture for Education in Pasadena.

ALUMNI UPDATES

Bruce Albert (Architecture, ’76), principal of The Albert Group, and Annie Lo (Architecture, ’05) were challenged to restore the facade of San Francisco’s Hallidie Building. On the National Register of Historic Places, the building received several historic preservation awards. During the project, Albert served as project manager and Lo was with McGinnis Chen Associates. Lo is now director of restoration at Walker Restoration Consultants.

Calvin Bauman (Architecture, ’17) recently graduated with a minor in sustainable environments and is an architectural designer for Freiheit and Ho Architects in Kirkland, Washington.

Sara Bendrick (Landscape Architecture, ’10) gets her hands dirty beautifying outdoors spaces as co-host of DIY Network’s TV series “Lawn & Order” with Chris Lambton. This followed the three-season-long series “I Hate My Yard.” Her book, “Big Impact Landscaping,” hit bookstores this spring.
Craig Blackhurst (Architecture, ’92) joined the San Jose office of HGA Architects and Engineers as a senior associate and senior project manager in the Healthcare Group. Earlier in his career he worked on the Poly Canyon Village campus housing.

Ryan (Architecture, ’08) and Megan Caldera (Kosaka) (Architecture, ’07), co-founders of Caldera Kosaka Design Studio in Long Beach, are happy to announce the arrival of their daughter.

David Carbone (City and Regional Planning, ’77) received the 2017 Walt Gillfillan Award, a professional recognition presented at the UC Davis Aviation Noise and Air Quality Symposium.

Ian Casey (Landscape Architecture, ’10) died at home in Oakland on July 29, 2017. After graduating from Cal Poly, Casey worked as a project engineer with McGuire and Hester in Oakland, a job he greatly enjoyed. An international travel scholarship has been established in his name by McGuire and Hester. We extend our deepest condolences to his family and friends.

Pioneer of senior cohousing in North America, Charles Durrett (Architecture, ’82) of McCamant and Durrett Architects, is hosting ongoing webinars and workshops for anyone motivated to be part of a solution in the current senior housing crisis. Learn more at cohousingco.com.

Lt. Col. Heidi Gibson (Architecture, ’94) is a principal at studio2G Architects in San Luis Obispo and is the commander of the 163rd Civil Engineering Squadron with the California Air National Guard at March Air Reserve Base.

Michelle Granelli (Nelson) (Architecture, ’08), a principal at Urban Chalet in Mill Valley, was published in Architectural Digest for leading the design of one of the seven best medical marijuana dispensaries. The Apothecarium in San Francisco was designed with architect Vincent Gonzaga.

Alex Henige (Landscape Architecture, ’15) is CEO of Reduce.Reuse.Grow. The startup is finding success with its compostable product line.

Pam Johns (City and Regional Planning, ’95) has been selected as the city of Folsom’s community development director.

Benjamin Kasdan (Architecture, ’03) received a 2017 AIA Young Architects Award. He was one of 14 people honored for exceptional leadership and significant contributions to the profession early in their careers. Kasdan is a director of design at KTGY Architecture+Planning in Irvine.
Robert “Bob” Kitamura (M.S. Architecture, ’93; Architecture, ’75) is a member of the board of directors for the Foundation for the Performing Arts Center; Friends of Hearst Castle; and Dean’s Advisory Council for Robert E. Kennedy Library.

Vivian Lee (Architecture, ’91) is an associate partner at Richard Meier and Partners Architects in New York City. She reflects that her year spent in Florence, Italy, with the CSU International Program was extremely formative in shaping her to become the architect she is today.

Alex Legé (Architectural Engineering, ’07) has been promoted to associate principal of PCS Structural Solutions.

Jana Lehman (Architecture, ’89) is in her eighth season as a scenic painter on the television show “Modern Family.”

Dominic Leong (Architecture, ’01) and Chris Leong of Leong-Leong in New York participated in the Emerging Voices lecture series in March 2017. The Architectural League’s annual event spotlights North American individuals and firms with distinct design voices that have the potential to influence the disciplines of architecture, landscape architecture and urban design.

Clay Little (Architecture, ’92), a founding partner at NoackLittle Architecture and Interiors, is celebrating the firm’s 15th anniversary in Austin, Texas. Maggie Pratt (Architecture, ’16) joined the firm as a designer after graduation.

Peter Loeb (Construction Management ’92) is a project executive and limited partner with Charles Pankow Builders. He managed the $128 million design-build Zev Yaroslavsky Family Support Center for Los Angeles County, and leads the team building a $180 million ultra-high-end boutique hotel on the Sunset Strip.

Monica Lubag (Construction Management ‘10) is a senior project manager of engineering procurement and construction for ET Capital in Pleasanton. She has been building large-scale utility solar projects since 2013, including more than 150 megawatts of projects in California, North Carolina, Minnesota, Oregon and Samoa.
Frank Mahan (Architecture, ’03) was named to the Building Design and Construction’s “40 Under 40 Class of 2017.” As an associate director at Skidmore, Owings and Merrill in New York City, his accomplishments include leading the design teams for the podium at One World Trade Center and the 1,000-foot 35 Hudson Yards tower, as well as significant adaptive-reuse projects including the Waldorf Astoria in New York.

Dasol Mashaka (Architecture, ’72) keeps busy in retirement in Los Angeles as a life coach mentoring boys and is the author of “Priorities of Life.”

Marc Mondor (Architecture, ’92) and his wife, Christine, are co-principals and founders of evolveEA (Environment and Architecture) in Pittsburgh. The firm was honored by AIA Pittsburgh with a Certificate of Merit in Regional and Urban Design for the firm’s part in the Centre Avenue Corridor Redevelopment and Design Plan. Mondor is a member of the U.S. Green Building Council, is a LEED Fellow and serves as chair of AIA Pennsylvania’s Committee on the Environment.

Geny Munoz (Architecture, ’08) is a project architect with HGA Architects and Engineers in San Francisco.

Chuen Ng (M.S. City and Regional Planning, ’04) was named the director of community development for the city of Santa Maria in December 2016.

Craig Minus (City and Regional Planning, ’06) has been promoted to vice president of development at The Towbes Group (TGI) in Santa Barbara.

Andrea Ouse (Sanfilippo) (City and Regional Planning, ’92) is the community and economic development director for Concord, overseeing the city’s transportation, planning, economic development, building and engineering divisions during a period of rapid growth that includes construction of the first phase of the Concord Naval Weapons Station.
Aaron Ray (M.S. City and Regional Planning, ’11) was appointed senior aviation planner for the Port of Portland.

Michael Robbins (Architecture, ’85) was elected to the AIA San Francisco Board of Directors and is a member of AIASF Public Policy and Advocacy Committee and Design Advocacy Group. In 2012, he founded Studio Robbins Cortina, a small practice focused on residential design.

Mary Schofield Nowee (Architecture, ’73) is a senior supervising architect and specifications manager at WSP, an international engineering and architecture firm in San Francisco. As a fellow of the Construction Specifications Institute and a certified construction specifier, she is especially proud of her work on the Bay Area Rapid Transit’s (BART) Facilities Standards.

John Shoals (City and Regional Planning, ’87) is mayor of Grover Beach, where he is leading an ambitious road-paving program and the pursuit of broadband internet fiber to encourage new industries and attract young professionals.

Brooke Simons (MBA, ’97; Architecture, ’96) was promoted to principal at CAS Architects in Mountain View. The firm specializes in designing advanced technology projects for high-profile and start-up companies from the semiconductor/micro-electronics, clean/renewable energy, and life science industries.

Justin Skoda (Architecture, ’13) is now an associate at Perkins Eastman in San Francisco. He is a co-design lead for the redesign of the Harvey Milk Plaza at the Castro Street MUNI stop, a gateway to the Castro neighborhood.

Natalie Stiffler (M.S. City and Regional Planning, ’11) works for the city of Boulder in Colorado as a senior transportation planner.

Nick Stuart (Architectural Engineering, ’06) has been promoted to project manager at Santa Rosa structural engineering firm MKM and Associates.

Richard Toyon (Landscape Architecture, ’86) is a production designer and art director who has been nominated for an Emmy six times, earning one two years ago for the HBO series “Silicon Valley,” and was awarded the Art Director’s Guild award in 2015.

Justin Trudeau (Landscape Architecture, ’08) is a set designer in the motion picture industry for Marvel Avengers Infinity Wars in Atlanta. He’s designed sets for “Stranger Things,” “Guardians of the Galaxy 2,” and “Spider-Man Homecoming.” After Cal Poly, he earned a Masters of Architecture at Pratt Institute.
Robert Turbin (Architecture, ’72) has been named to the Ensemble Theatre Company of Santa Barbara’s board of directors. He is on the advisory council to the Williamson Gallery at Scripps College, is a founding member and on the board of the Photographic Arts Council Los Angeles, and co-chairs Photofutures, the photography council at the Santa Barbara Museum of Art.

Mimi Van Kirk (Architecture, ’80) completed her Career Tech Ed teaching credential in architecture and engineering and has taught those disciplines for the past five years to high school students in Fremont. She proudly reports three students were recently accepted into the CAED.

Brian Vargo (Architecture, ’11) of Vargo Nielsen Palle won the NEW AARCH Restricted Design Competition in March 2017 with a pragmatic design for the “New School of Architecture” in Aarhus, Denmark. It will be a cultural hub and is expected to be ready for inauguration in 2020. A unanimous jury found the firm’s project so compelling that it was the only team invited to negotiations.

Carl Welty (Architecture, ’84) of Makes a Village LLC in Pomona is the design leader of veteransvillage.org, a program of the Patrick McCaffrey Foundation. The organization helps homeless veterans build micro-housing communities and participant-owned and financed affordable housing.

Tom Wucherer (Architecture, ’87) CEO and principal of YWS Design and Architecture in Las Vegas, is working on a ground-breaking eSports arena. Usually competing from home, e-gamers are earning tremendous amounts of tournament money, and the arena will add a new dimension to live gaming with spectators in Las Vegas.

Noa Younse (Architecture, ’07), creative researcher for The Office for Creative Research, was one of two lead designers for an award-winning art installation in Times Square. “We Were Strangers Once Too” is a public data sculpture highlighting the role that immigrants have played in the founding, development and continued vibrancy of New York City.

Send us your news! caed-news@calpoly.edu
For help planning your class reunion: caed-events@calpoly.edu or 805-756-7432
LANDSCAPE ARCHITECTURE

Ellen Burke presented “You Are Here: Activating Community Participation in Resilience Planning” at the Architecture, Media, Politics and Society conference at University of Derby, U.K., in June.

Several Landscape Architecture faculty traveled to China in May to discuss current research endeavors at the annual Council of Educators in Landscape Architecture. César Torres-Bustamante, Christine E. O’Hara, Joseph Ragsdale, and David Watts presented their research while networking globally and exploring Chinese culture.

CITY AND REGIONAL PLANNING

Linda C. Dalton discussed “Campus Master Planning: Lessons Learned” at the California State University Facilities Management Conference in October 2016. Dalton has been involved in campus master planning at Cal Poly, CSU East Bay and other universities. She and CRP colleagues Amir Hajrasouliha and William Riggs also presented a paper on “Campus Planning at the Crossroads.”

Adrienne Greve is collaborating with her fellow CRP faculty on the 2018 State of California State Hazard Plan, focusing on climate change influenced hazards. She has also spent time in the last year in Uganda as part of a World Bank-supported effort to foster climate-smart capital investment planning, making infrastructure such as schools and roads safe from climate change.

William Siembieda was recognized by the Chilean Research Center for Integrated Disaster Risk Research (CIGIDEN) in April for his contribution to the advancement of disaster science in Chile. Part of his work in Chile, focused on coastal city recovery planning, was completed as a Fulbright Specialist. Two events shaped Siembieda’s current research agenda: formulating a Central America assistance program for people recovering from Hurricane Mitch and preparing California’s Multi-Hazard Mitigation Plan. These events asked the same research question: How do we make the places where we live safer from natural disasters?

The American Planning Association awarded Paul Wack the inaugural 2017 Central Coast Section Impact Award for his dedication and commitment to the planning profession. This award will now be known as the “Paul Wack Impact Award” and will be given to recipients who demonstrate an extraordinary impact to the Central Coast APACA Section.

ARCHITECTURAL ENGINEERING

On the Path to Earthquake Resilience: Analyzing Images of Structural Damage, a software package being developed by two faculty members and their students, will allow engineers in earthquake-ravaged communities to conduct efficient evaluations of structural damage with the use of tagged photos and classified images. Currently, the thousands of images produced after one earthquake event are reviewed by trained volunteers ranging
from laypersons to engineering experts. Yet, filtering and accurately tagging structural damage in these images is a painstaking and time-consuming process. **Anahid Behrouzi** (architectural engineering) and **Maria Pantoja** (computer science and software engineering) and their students are developing a software package to aid in manual photo tagging and automated image classification. It will help better inform building codes and guidelines related to seismic design.

**John Lawson** (Architectural Engineering, ’83) is researching the potentially dangerous seismic behavior of buildings occupied by big-box retailers like Home Depot, Costco and Target. Lawson has published nine papers, one book, and six public presentations, including one this year at the 16th World Conference on Earthquake Engineering in Santiago, Chile. Lawson’s research investigates the seismic performance and potential for collapse of large big-box buildings. Currently, his research is being evaluated for potential inclusion into U.S. building codes.

As the first Simpson Strong-Tie Engineering Excellence Fellow with Build Change, **James P. Mwangi** will develop and implement disaster-resistant designs for retrofit and new construction projects. Build Change is a nonprofit that works with people in emerging nations to build homes and schools to better protect families and children during earthquakes and windstorms. Mwangi will write a quarterly blog about his experience throughout the fellowship.

**Ray Ward**, a longtime equipment technician, was honored with an Outstanding Staff Award. Nominators described Ward as knowledgeable, helpful and resourceful while colleagues called his work consistently outstanding and always exceeding expectations. Ward retired in June after 28 years.

**ARCHITECTURE**

Doug Jackson authored, edited and designed the book **SOUPERgreen!—Souped Up Green Architecture**. The book features projects and essays that offer a critique of the prevailing approach to “green” architecture by questioning expectations for “environmental performance,” which are predominantly evaluated through scientific calculation and quantifiable measurement. The book was supported by a grant from the Graham Foundation for Advanced Studies in the Fine Arts.
As a Fulbright Scholar at Cardiff University in Wales, **R. Thomas Jones** joined faculty and students of the Welsh College of Architecture on a multidisciplinary academic and community partnership project. His work focused on citizen participation, large-scale urban design methods and the integration of architecture students into public planning efforts in Cardiff’s Grangetown neighborhood. Jones, who served as the dean of the CAED from 2003 to 2012, directs Architecture’s San Francisco Program.

**Stephen Phillips** authored a book about the works of Frederick Kiesler, once dubbed the “greatest non-building architect of our time.” “Elastic Architecture: Frederick Kiesler and Design Research in the First Age of Robotic Culture” delves into Kiesler’s interdisciplinary research and design practice and is the first scholarly book on his work.

**CONSTRUCTION MANAGEMENT**

**Philip Barlow** (Construction Management, ’87) was named 2017 Outstanding Educator by the Associated General Contractors of America. Barlow has nearly 20 years of construction field experience and taught for 10 years at Cal Poly. Barlow was selected for exhibiting both a dedication to his craft and a well-developed relationship with students. The honor included the privilege of awarding $2,500 scholarships to students **Marlo Castro** and **Will Leonard**.

**NEW STAFF**

**Tim Dieu**, College of Architecture and Environmental Design Support Shop

**Vincent Pauschek**, College of Architecture and Environmental Design Support Shop

**Emilie Sklarenko**, College of Architecture and Environmental Design Engineering Advising

**NEW FACULTY**

**Ed Boucher**, Construction Management

**Michael Deigert**, Architectural Engineering

**Andrew Kline**, Construction Management

**Thomas Kommer**, Construction Management

**RETIREES**

**Vickie Aubourg**, Neel Resource Center

**Ellen Notermann**, College of Architecture and Environmental Design Advising

**Larry Raio**, Architectural Engineering

**Ray Ward**, Architectural Engineering

**PROMOTIONS**

**Pamalee Brady**, **Mark Cabrinha**, **Thomas di Santo**, **Umut Toker**, promotion to professor

**Jeff Ponitz** and **Carmen Trudell**, tenure and promotion to associate professor
A TRIBUTE TO KENNEDY LOVE

Kennedy Earl Love, an inspiring fourth-year landscape architecture student, was tragically killed in a hit-and-run accident while riding his bicycle in San Luis Obispo just before the beginning of the fall quarter.

An exceptional and talented individual, Love shared his passion, skills and resources with everyone he encountered. Donations are being accepted for the Kennedy Love Leadership Award to ensure his legacy of good work is continued.

Email lmalcolm@calpoly.edu to contribute.

2016 ARCHITECTURE GRADUATE EARN STUDENT COTE TOP 10 AWARD FROM THE AIA

A sustainable design for a school in rural India earned Karin Bjorkman a Student COTE Top 10 Award during the 2016-17 Student Design Competition organized by the AIA Committee on the Environment. Bjorkman competed against more than 600 students. The competition awards 10 studio projects that integrate 10 measures of design, including innovation, energy flows and water cycle. Bjorkman submitted a design for a residential school in rural Andhra Pradesh, where children often face the prospect of child labor, poor education and unsupportive conditions. Her sponsors were architecture faculty Sandy Stannard and Daniel Wiens (Construction Management, ’10), of Journeyman International.

SENIOR ARCHITECTURE STUDENT TAKES FIRST PLACE IN STEEL DESIGN COMPETITION

Kevin Herhusky’s project to help revitalize downtown Detroit took first place honors at the 2017 Student Steel Design Competition. The event was organized by the Association of Collegiate Schools of Architecture and supported by the American Institute of Steel Construction. His project, The Public Factory, aims to rebuild “an industrial icon of Detroit’s past in order to galvanize its future.” The building would be constructed in phases on the site of a former downtown department store. Architecture faculty Margarida Yin was Herhusky’s faculty sponsor.
CM STUDENTS DOMINATE NATIONAL COMPETITION

Construction management students took first-and second-place honors at the 30th annual Associated Schools of Construction competition in Reno, Nevada. Four of 12 Cal Poly teams brought home trophies during the competition. Cal Poly placed first in the Commercial category and second in Concrete Solutions, Sustainability, and Mechanical Systems. The competition challenged teams to solve real-life construction management problems in nine categories. Teams were given 18 hours to create and present deliverables to a panel of industry experts, including modeling, estimating, scheduling and site logistics. The competition drew 182 teams from 45 universities.

Cal Poly’s first place Commercial team is pictured above as follows: in the back row, from left to right, Kyle Fawley, Will Leonard, Marco Maffioli, and team coach and Construction Management Department Head Allan Hauck. In the front row, from left to right, Brittney Lerdahl, Cole Range, Luke Ostrom, and Mikey Foley. Not pictured is Brendan Donovan, who along with Foley were the two alternate members of the six-person team.

CRP GRADUATE URBAN DESIGN STUDIO EARN TOP HONORS

City and Regional Planning’s spring 2016 graduate urban design studio earned the “State’s Best Student Award” from California’s American Planning Association for a concept development plan for a Wellness District in the city of Ventura. The concept also won the Academic Excellence Award from the Central Coast section of APA California.

The process included extensive field work, community interviews, an online survey and a final public presentation at City Hall. The students involved were Julia Cannata, Jesse Carpenter, Seitu Coleman, Noe Contreras, Lucas Crandall, Justin Guan, Daniel Harrison and Jennifer Hooper. Vicente del Rio and Amir Hajrasouliha were the studio instructors.
2017–18 DesignIntelligence Rankings at a Glance

COLLEGE OF ARCHITECTURE AND ENVIRONMENTAL DESIGN
One-of-a-kind programs that are shaping the planning, design and construction worlds
Read more at caed.calpoly.edu

5 DEPARTMENTS
8 DEGREE PROGRAMS
16,000 ALUMNI

ARCHITECTURE

#1 Most Admired Undergraduate Program in the U.S. by Deans and Department Heads
#1 Best Undergrad Program Among Public Universities

LANDSCAPE ARCHITECTURE

#1 Most Admired Undergraduate Program in the U.S. by Deans and Department Heads
#1 Best Undergrad Program Among Public and Private Universities, Western States

ARCHITECTURE SKILLS ASSESSMENT
Graduate and Undergraduate Programs Combined

#1 Construction Materials and Methods
#1 Engineering Fundamentals
#1 Healthy Built Environments
#1 Project Planning and Management
#1 Practice Management
#1 Sustainable Built Environments/Adaptive Design/Resilient Design

MOST ADMIRED EDUCATOR

Umut Toker
One of 25 professionals selected nationally, Toker’s knowledge in the areas of architecture, community planning and digital fabrication give him high marks among his students. His dedication inside and outside the studio is unrivaled. He creates an atmosphere of excellence as he seeks to bring out the best in each student.

“The Cal Poly architecture program’s consistent top ranking demonstrates the university’s Learn by Doing education successfully prepares our graduates for professional careers in a wide spectrum of areas including sustainability, resilient design, and making, as well as planning and practice management.”

Margot McDonald, Architecture Department Head
CAED EVENTS

JAN. 24–25
Winter Career Fair
Cal Poly Recreation Center

JAN. 31
CM Career Fair
Cal Poly Chumash Auditorium

FEB. 2–3
ARCE 70th Anniversary,
Structural Forum and Dinner
Pismo Beach and San Luis Obispo

FEB. 9
ARCE Alumni Reception
San Francisco

FEB. 15
CAED Career Fair
Cal Poly Chumash Auditorium

FEB. 22–23
Symposium on Resilient Design
Cal Poly

MARCH 16
AND JUNE 8
LA Fifth-Year Shows
San Luis Obispo

APRIL 12–15
Cal Poly/CAED Open House
and Alumni Gathering

APRIL 18–19
Spring Career Fair
Cal Poly Recreation Center

APRIL 20–22
Design Village Competition

APRIL 27–28
CiRPAC and CRP 50th
Anniversary Celebration
San Luis Obispo

MAY 4
Evening of Green and Gold
Cal Poly

MAY 25–27
ARCH 5th Year Show
Cal Poly Chumash Auditorium

JUNE 9
CM Golf Tournament
Cypress Ridge Golf Course,
Nipomo

JUNE 17
CAED Commencement

JUNE 21
CAED Alumni Reception
at AIA Conference
New York City

ONGOING
For the Hearst Lecture Series and
event updates, go to
caed.calpoly.edu or email
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