

# Annual Report

OF GIVING 2014-2015

📍 cal poly pomona



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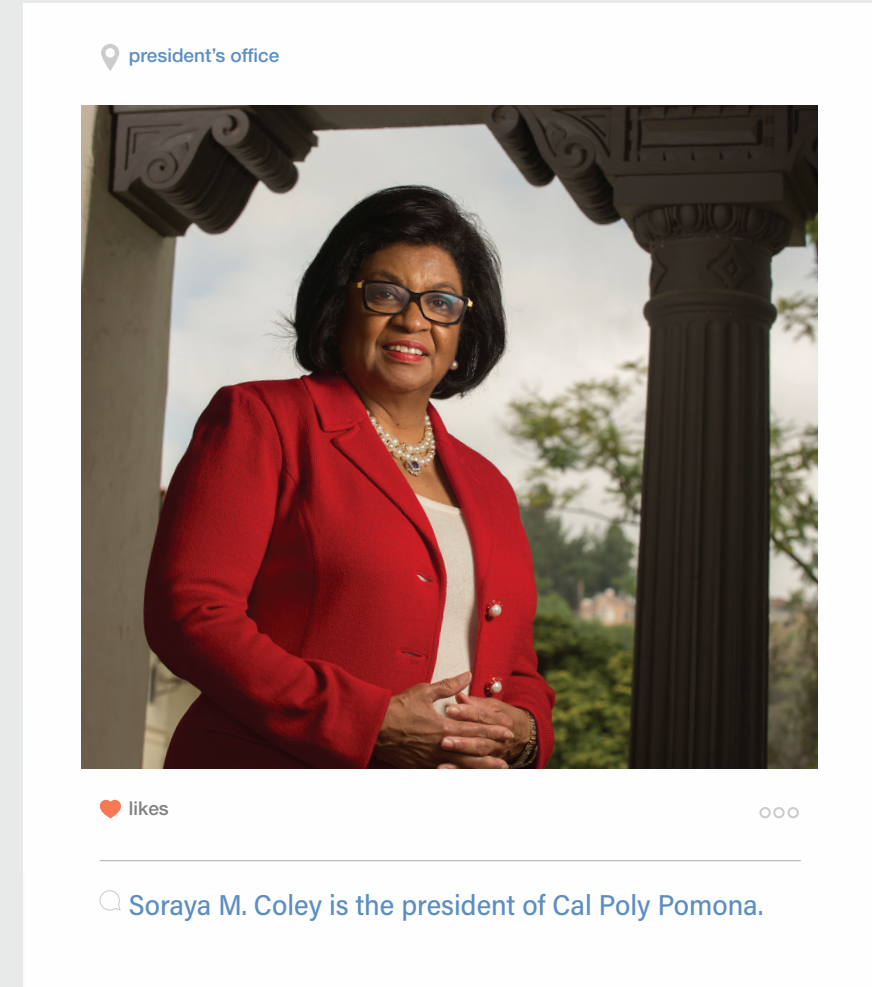
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# President's Message



Every time I look across the Cal Poly Pomona campus, I feel a surge of pride. This is a special place, one of the crown jewels in the California State University system. I am excited, honored and privileged to lead this institution.

Our learn-by-doing approach sets us apart and allows our graduates to make an immediate impact in their careers. More important, the educational experiences that we provide allow our students to grow and develop, and, in turn, give back to their families and help improve their communities.

This is the power of education, augmented by your philanthropy. Many of our students are the first in their families to attend college. A scholarship of any amount not only eases their financial burden, but also offers a vote of confidence about their future. It is a message from your heart, encouraging them to believe in themselves and pursue their dreams.

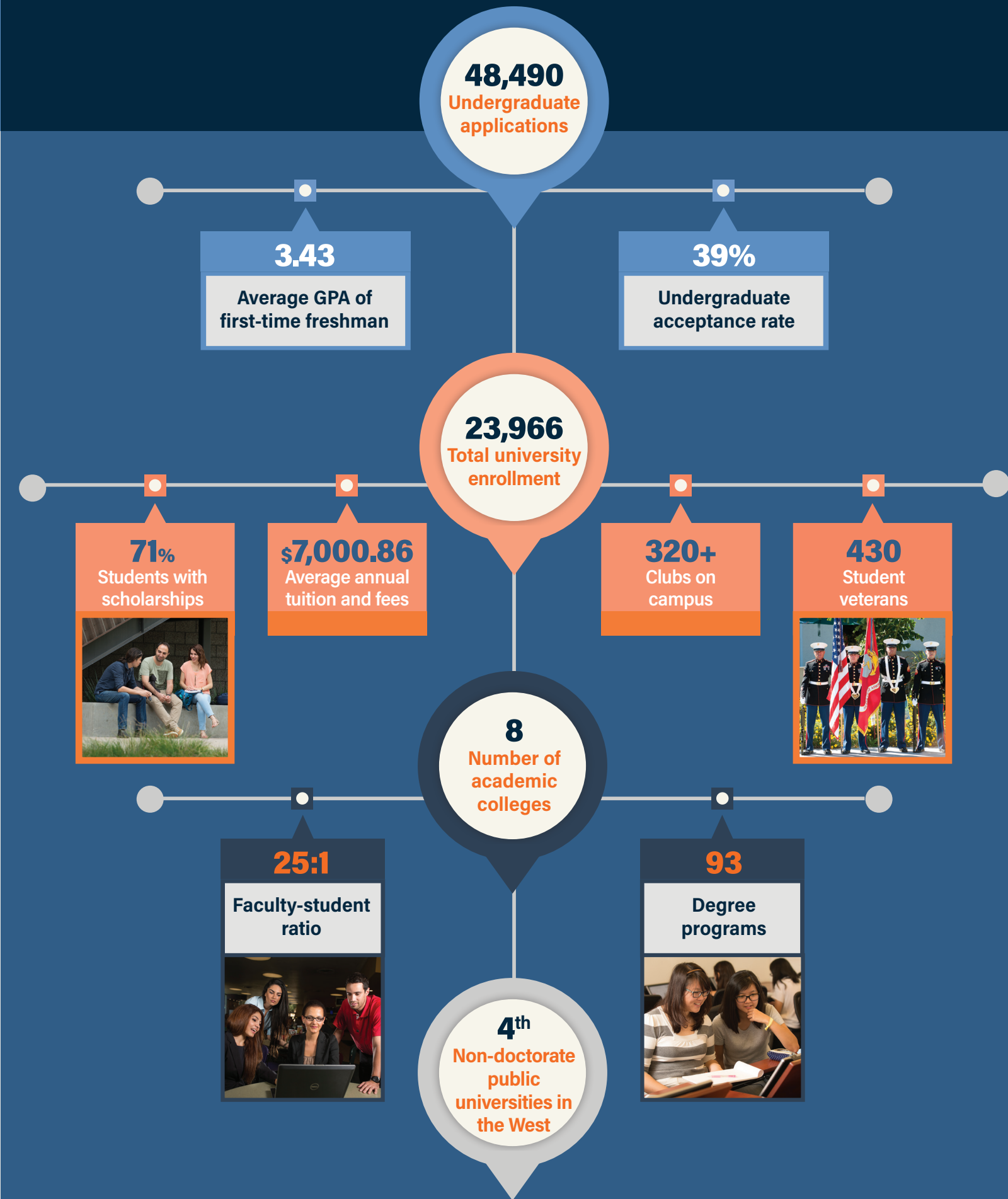
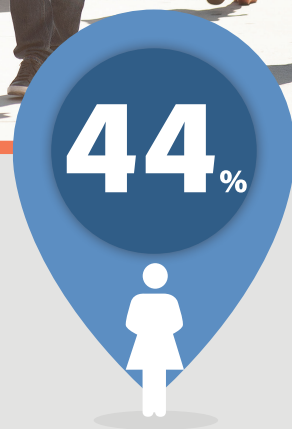
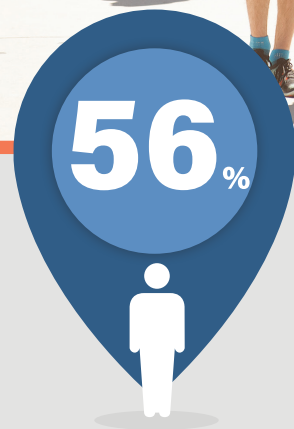
In the coming months, the university community will come together to lay out our goals and objectives for the future. Student success, which is at the core of our mission, will benefit directly from our visioning process. Our partnerships with corporations and foundations, as well as the contributions we receive from alumni and friends, will be a critical component of the strategic plan. As this plan continues to take shape, I hope to communicate our progress and share the pivotal roles we hope you will continue to play.

Thank you for your support of Cal Poly Pomona. You have truly made a difference in bettering the lives of our students and enhancing the academic quality of our programs. I am proud to represent this university and honored to call you friends.

**Soraya M. Coley**  
President

# Student Profile

## ETHNIC BREAKDOWN





# Highlights

## Cal Poly Pomona Earns High Marks on 'Best Colleges' List

Cal Poly Pomona continues to be rated among the top colleges and universities in the Western United States, according to U.S. News & World Report's "Best Colleges 2016."

The university came in fourth among non-doctorate-granting public universities in the West, and was ranked second among CSU campuses.

"These rankings recognize our outstanding programs and our hands-on education. That's why employers value a Cal Poly Pomona degree – it means that our graduates can make significant contributions on day one," says University President Soraya M. Coley. "We are proud to have achieved this level of success while creating access and opportunities for students from all backgrounds."

When private institutions are included, Cal Poly Pomona also stacks up strongly, ranking No. 31 in the West.

## University Excels in White House's College Scorecard

Affirming the reputation of Cal Poly Pomona, the White House's revamped College Scorecard highlights the university's affordable tuition and a graduation rate that surpasses the national average.

The average annual cost to attend Cal Poly Pomona is \$12,135. That figure is nearly 28 percent less than the national average of \$16,789 for other four-year public universities.

Cal Poly Pomona's College Scoreboard profile shows a six-year graduation rate of 52 percent, which is better than the national average (44 percent). In regard to retention, 90 percent of Cal Poly Pomona students return to the university after their first year; the national average is 67 percent.

aratani japanese garden



likes



Cal Poly Pomona earns another high rating in U.S. News & World Report list.

The College Scoreboard includes students' earnings after college and data on students repaying loans. Ten years after graduating, Cal Poly Pomona alumni earn a median of \$52,000 annually, much greater than the national figure of \$34,343.

The College Scorecard is designed to increase transparency, putting information in the hands of the public to see how well colleges and universities are serving their students.

## First Elder/Scholar-in-Residence Takes Post

Lorene Sisquoc (Mountain Cahuilla/Apache) is the first elder/scholar-in-residence in the history of the university. She was born in Riverside and brings a wealth of knowledge about Native American traditions, basketry, and native plants and their uses.

She was invited to the campus through programs such as the Native American Pipeline and Pathways to Graduation program, which was funded by a \$150,000 gift from alumnus Don Huntley three years ago.

Sisquoc is a member of the Fort Sill Apache Tribe and a descendant of the Mountain Cahuilla of Southern California. She also is a direct descendant of Mangas Coloradas, the last chief of the Mimbreno Apaches, Chief Loco of the Warm Springs Apaches and Manuel Largo, a leader of the Mountain Cahuilla.

As a traditional artist and presenter, she is dedicated to the preservation of Native American culture. She also strives to ensure that American Indian history is accurately depicted and that future generations are offered the opportunity to carry on revered traditions.

rose float



likes



Cal Poly Universities Rose Float builders will have plenty of California-grown flowers.

## Rose Float Secures Pact for Flowers

Student builders of the Cal Poly Universities Rose Float won't have to worry about running out of California-grown floral decorations for the 2016 entry in the annual New Year's Day parade.

Cal Poly Pomona President Soraya M. Coley, Cal Poly San Luis Obispo President Jeffrey Armstrong and the California Cut Flower Commission signed an inaugural memorandum of understanding in July that will ensure a steady stream of state-grown blooms for the Rose Float team.

"Sweet Shenanigans" is the entry for the 127th Tournament of Roses Parade, which has the theme "Find Your Adventure." This will be the 68th entry from the Cal Poly Pomona and Cal Poly San Luis Obispo campuses, which have earned 55 awards.

## Campus Brewery Offers Classes

The College of the Extended University is scheduling two classes in brewing science: The culture of micro-brewery and handcraft beers and all-grain basics.

The culture of micro-brewery and handcraft beers will examine the history of beer as an American tradition. The course also will offer an in-depth look at the legacy of beer, brewing and the re-emergence of handcraft brews as an art and science. Students will learn to pair beer with food and the art of tasting and appreciation.

All-grain basics will look at the science and art of brewing ales and lagers.

# Highlights

## Transition to Unified Library Management System Begins

The California State University system is adopting a next-generation online library services platform that will connect all 23 CSU libraries. Called the Unified Library Management System, it will be provided by ExLibris and take place in phases over the next two years.

The move to a unified system will reduce costs by enabling a variety of collaborative efforts throughout the CSU. These include building collections and creating services that will enhance teaching, learning and research. The system is being implemented and will be launched at all CSU campuses in May 2017.

## Course Promotes Data Resource Skills at University Library

The University Library has introduced LIB 150, a course to promote information literacy. The course will help students determine when, why and what information is needed, and then find, evaluate, and use that information effectively and ethically to solve problems, make decisions, and communicate with others.

During the course, students will choose a topic of interest and research it throughout the quarter. While researching their topic, they will learn how to evaluate, manage, filter, use and cite information effectively and ethically. Students will also examine their own media consumption habits and how it impacts their behavior, attitudes and perspectives.

Other topics that will be discussed are the dissemination, consumption and (mis) uses of information, digital activism, social media and crowd-sourcing.



# Funding

Cal Poly Pomona prides itself on providing a quality education that is distinguished by its learn-by-doing approach. However, excellence comes at a price. The university relies on outside support to ensure it can deliver on its academic mission for generations to come.

The charts on these pages outline where Cal Poly Pomona received its funding and how that money was applied.

cal poly pomona



likes

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**\$19.4**

TOTAL IN MILLIONS  
Voluntary gifts to the university in 2014-15

**\$199**

TOTAL IN MILLIONS  
Financial aid awarded in 2014-15 to students

**18,208**

Students who received financial aid in 2014-15

## FUNDING TRENDS

### STATE GENERAL FUND STUDENT TUITION AND FEES



## DISTRIBUTION OF VOLUNTARY CONTRIBUTIONS

This breakdown includes cash and non-cash donations but does not include pledges, bequest intentions and certain gifts. The following information, based on the university's Voluntary Support of Education report, shows how these gifts were put to use.

### GIFTS BY PURPOSE

Capital & Endowment Purposes	\$12,027,376
Academic Support	\$1,781,175
Student Financial Aid	\$1,117,930
Operations and Maintenance	\$396,135
Other*	\$4,140,079
<b>Total</b>	<b>\$19,462,695</b>

\*Other is the combination of less common areas, such as unrestricted funds, athletics, etc.

### GIFTS BY COLLEGE/AREA

Academic Affairs	\$6,150
Agriculture	\$1,201,627
Alumni Affairs	\$11,189
Athletics	\$271,972
Business Administration	\$2,278,660
Education & Integrative Studies	\$248,342
Collins	\$1,636,594
Engineering	\$2,216,727
Environmental Design	\$841,465
Extended University	\$1,418
General Development	\$8,854,012
Instructional Technology	\$1,200
Letters, Arts & Social Sciences	\$242,886
Library	\$44,590
President's Office	\$431,354
Science	\$822,473
Student Affairs	\$309,667
No College Designated	\$42,371
<b>Total</b>	<b>\$19,462,695</b>

### UNIVERSITY BUDGET FOR 2014-15

State General Fund	\$121,537,342
Student Tuition and Fees	\$146,482,500
Investment Income (State)	\$2,419,334
Lottery	\$1,720,000
Research Contracts and Grants	\$16,010,850
Auxiliary Support	\$7,138,741
Investment and Endowment Income	(\$1,479,839 loss)
<b>Total</b>	<b>\$293,828,928</b>



# Driven to Succeed

## Unprecedented Gift to Project Labs Aims to Help Student Race Teams Continue to Lap the Competition

By Emily Velasco

From rutted forest roads in Alabama to precise curving tracks in Germany, Cal Poly Pomona's engineering students are making a worldwide name for themselves as they rack up wins in international racing and design competitions.

Each year, the student teams, Baja SAE and Formula SAE, are tasked with building a racing vehicle — Baja for off-road competition and Formula for Formula 1-style competition. They are judged by how well their vehicle performs on the track, but also on the quality of their car design and their ability to present their concepts to a panel of judges. It's a system that encourages a holistic view of engineering, requiring both theoretical knowledge and real-world, hands-on experience.

Although they are competing against better-known teams with much larger budgets, Cal Poly Pomona's squads routinely upstage their rivals on the national and international levels. The Formula team was the top U.S. finisher at an international competition in Germany in August, and the Baja team finished fourth at an international competition in April. Cliff Stover, faculty advisor to the teams, says the students are the key to their own success.

"We have dedicated students," Stover says, seated behind a desk strewn with industry newsletters and paperwork. Outside his office, students periodically stick their heads through his doorway, anxiously waiting for a chance to sign up for the safety training classes that are a requirement before joining the team.

"Most of these kids work outside in industry part time and they know what hard work is."

David Zimmerman, a fifth-year mechanical engineering student who will serve as the vehicle dynamics lead for the Formula team this year, agrees.

"It takes a particular sort of drive to commit yourself to something like this for a year," says Zimmerman, now in his third year with the team. "The people I've worked with are the best I've met."

Over the years, the program has produced alumni who now work for organizations that include SpaceX, Tesla, Halliburton, Chevron and Toyota Racing Development, Stover says.

"Because it simulates a real-world problem, I get people from all disciplines," he says. "I had students from the art department who designed the nose cone on the car one year."

Quinton Quintana, a fifth-year mechanical engineering student who is the design lead for the Baja team this year, says his three years with the team have taught him a lot.

"You can make mistakes now so you don't make them later," Quintana says. "It teaches you how to respect yourself, respect others, respect deadlines — and how to respect a budget. Money does play a large role in teams like this."

Stover says it costs \$30,000 to \$40,000 each year to keep the lab running, most of that going toward materials and replacing tools.

"Things break. They really break when you have students using them. You could say it's learn by breaking," Stover jokes.

A recent gift of nearly \$800,000 from engineering alumnus Ganpat Patel, and his wife, Manju, will ensure the students can continue to learn for many miles to come.

Patel initially was contacted by Engineering Dean Mahyar Amouzegar to be inducted into the Hall of Fame for his business success and contributions to society. After spending time with Amouzegar and hearing about the college's goals and needs, Patel committed his support to the project labs.

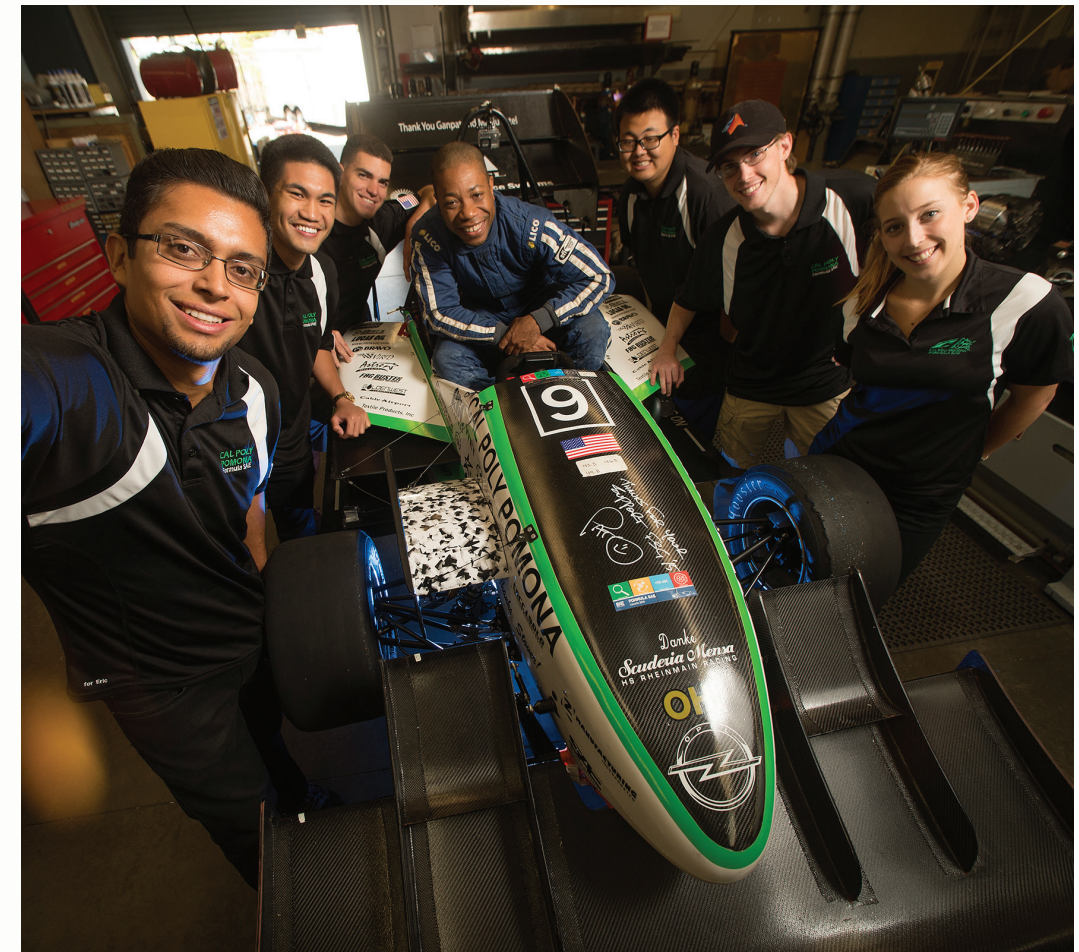
Since then, Ganpat Patel has become a big fan of the teams, following their progress and sending them congratulations on their wins.

"It's a good reflection of what people think a program like this is worth in teaching someone how to be an engineer," Zimmerman says.

Quintana said it's heartening to get that kind of support for the teams.

"We get a lot of feedback from our families. They don't understand why we're here until 2 a.m. or 4 a.m. or on weekends," Quintana says. "[The Patels] believe in us and they believe in the program. I really want to thank Ganpat from the bottom of my heart."

college of engineering



likes



The Formula SAE team was the top U.S. finisher at an international competition in Germany in August.

**THE COLLEGE OF ENGINEERING** boasts one of the largest undergraduate engineering enrollments in the country. Its programs are nationally ranked and have well-earned reputations for putting theory into practice and for producing industry-ready engineers. Support for the college funded an endowment directed at advancing student success and community engagement through revitalization of project laboratories and the college distinguished lecture series.

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## All-Steinway School Designation Helps Elevate the Stature and Profile of the University

By **Melanie Johnson**

Just a few years ago, students in the music department practice rooms hunched over pianos worn with age, many of them dating to the 1920s and '30s.

Some were missing keys or had ones that just wouldn't play anymore. Others had broken pedals.

"Tuning them was always a problem, for they did not stay in tune," says Iris Levine, chair of the Department of Music. "It was not a satisfying experience for the students."

That all changed in April when Cal Poly Pomona earned the prestigious All-Steinway School designation.

The honor, which was granted after the acquisition of 29 new Steinway pianos, makes Cal Poly Pomona one of about 160 universities, colleges and music conservatories in the country that claim the All-Steinway School label.

The new pianos have raised the music department's profile both on and off campus, Levine says.

"Entering freshman and transfers all knew about the All-Steinway designation and were excited to see the new pianos that they would get to play," she says. "Colleagues on campus have continuously mentioned how wonderful the initiative is and how proud they are of lifting the profile of the music department and university."

"I have had other CSU music department chairs contact me about the initiative and wanting to come see the department and all the new pianos. At the last CSU Music Department Council of Chairs, department chairs were inquiring how they might follow in our footsteps. We are a proud trendsetter."

The old pianos have been replaced with 10 grand pianos and 18 uprights. Steinway also is rebuilding the university's Steinway Model D piano that has been used in concerts.

Matt Borgialli, a sixth-year chemical engineering and music student, recalls the days when he banged out tunes on the aging pianos.

Borgialli, who had barely played piano before his freshman year, spent countless hours practicing to become a high-level musician. He now plays on what many consider to be the best pianos made.

"It was exciting," he says of the All-Steinway designation. "Any sort of new pianos would have been nice, but it was great that they were Steinway."

Besides bringing prestige to the university, the All-Steinway Initiative serves as a rallying point for all university programs.

"It gets the people in the community to understand what kind of philanthropy is needed to support high-level programs," Levine says.

Mei Lien Chang and her husband, Wen, have been involved with the campus since the 1990s. When former first lady Betty Ortiz approached her about the initiative, Chang says she enthusiastically jumped on board.

Ortiz organized a fundraiser early in the \$1.5 million Steinway campaign at the president's residence, and Chang formally joined the effort along with Sharon Hilles, dean of the College of Letters, Arts & Social Sciences, and many community leaders.

"The Steinway piano is the crown jewel of pianos. As an All-Steinway School, this elevates Cal Poly Pomona's music program to a prestigious level," says Chang, who helped galvanize support in the Asian community for the campaign.

Levine says the next goal is to invest in other areas of the department such a new studio, upgrades to the music labs and scholarships. To help raise money, the department is looking at naming opportunities for the recital hall, classrooms and other spaces.

Also in the works is a competition that will be open to local K-12 piano students and teachers. The aim is to commission a young composer to create a piece that all of the competitors will play, Levine adds.

The music department's effort to get the word out about the All-Steinway designation is working, Levine says.

Incoming students who toured the campus during fall orientation expressed pride in knowing they were coming to an All-Steinway campus.

"They were beaming because they already knew," she says. "They knew that someone felt so good about this department that they gave money to help the students and the future of the Cal Poly Pomona music department."

college of letters, arts & social sciences



likes



The acquisition of 29 Steinway pianos has sparked the imagination of students and the community.

**THE COLLEGE OF LETTERS, ARTS & SOCIAL SCIENCES** prepares its students to become leaders in industry, the arts, government, health, education and law, and in fields not yet established or even imagined. Talented faculty work with students to develop critical-thinking and complex problem-solving skills as well as the ability to communicate clearly and persuasively. The college's vision is to create tomorrow's leaders by exploring and learning from the past in order to define the future.

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# League of Their Own

## Student-Athletes Get High Scores in Class and on the Field, Thanks to a Vital Assist from Scholarships

By Andres Cardenas

Ariel Marsh and Justin Ellerbee are the epitome of what every current Cal Poly Pomona student-athlete strives to achieve.

Both graduated with high honors — qualifying for the Dean's List multiple times — and are making impacts in their respective careers. Marsh accepted a fellowship from a nonprofit organization in New York helping businesses become more responsible, while Ellerbee is an aerospace test engineer in Silicon Valley.

However, the classroom was not the only arena where they excelled. Marsh found success for three years on the basketball court inside Kellogg Gym, where she was a starter for two seasons and became an exclusive member of the university's 1,000-point club. Ellerbee's other classroom was Kellogg Field, where he jumped higher than any other Bronco in school history (17 feet, 6.5 inches) in the pole vault and won a NCAA Division II title.

The California Collegiate Athletic Association honored their success on and off the field by selecting them as the conference's 2014-15 student-athletes of the year. It is the first time that Cal Poly Pomona has swept the awards.

"There is nothing I am more grateful for than having the opportunity to play basketball at a university while on scholarship," Marsh says. "The collegiate athletics experience demanded on a daily basis that I be the best version of myself."

On a given weekday, about 250 student-athletes representing 10 teams will crisscross the campus on the way to class or to get ready for practice.

Cal Poly Pomona is categorized as a Division II university, so most student-athletes receive partial scholarships that help with tuition, fees, room and board, which can reach upwards of \$24,000.

In order for Cal Poly Pomona to fund at the maximum amount allowed by the NCAA at the Division II level, the university needs another \$1 million to \$1.2 million in gifts designated to student-athlete scholarships or to the Bronco Athletic Club. This is where donors become crucial role players.

Marsh and Ellerbee had offers to compete and study elsewhere, but both became Broncos because they were attracted to the university's rich history, academic excellence and scholarships.

Ellerbee decided in high school to pursue a career in aerodynamics and knew about the university's great engineering program. Starting his freshman year, he received experience operating wind tunnels, including a supersonic version that runs three times faster than the speed of sound.

This hands-on experience helped him land his job at Ames Research Center near San Jose. He'll be conducting more tests, which, to him, beats an analysis job at a desk.

"I'm going to be responsible for conducting wind tunnel tests using the biggest wind tunnel in the world," Ellerbee says. "After a lot of training, of course."

This made his choice to attend the university clear.

"I'm happy with my decision to attend Cal Poly Pomona because I still received a degree from a great school and I left school debt free," Ellerbee says.

Marsh received her undergraduate degree in communication in 2013 and her master's two years later in regenerative studies. Her contributions to Cal Poly Pomona went beyond academics and athletics as she also set up a "Zero Waste" initiative that minimized the amount of trash after athletic events. It was an initiative she set up through her graduate program.

Marsh also was nominated for the NCAA Woman of the Year award. She credits her success to her professors and current and former administrators.

"Cal Poly Pomona not only provided me with an excellent education but the opportunity to be surrounded by amazing people," Marsh says. "I have learned an invaluable amount from the relationships I built with staff, administrators, professors, and even the former and current presidents. The support and encouragement I received at Cal Poly Pomona in the classroom and on the basketball court helped me reach my full potential."

intercollegiate athletics



likes



There are nearly 250 student-athletes competing on 10 teams at Cal Poly Pomona.

**INTERCOLLEGIATE ATHLETICS** features 10 teams. The Broncos have won 14 national championships in NCAA Division II: three in baseball, five in women's basketball, four in women's tennis, one in men's cross-country and one in men's basketball. The university also competes in men's and women's soccer, men's and women's track and field, women's cross country and women's volleyball. Support for Bronco Athletics helps fund scholarships for current and future student-athletes, the renovation of Kellogg Gym and the ongoing revitalization of Scolinos Field.

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# Campus Allies

## Veterans Resource Center Helps Meet the Unique Needs of Those Who Served in the Military

By Elaine Regus

When U.S. Navy veteran Lathan Simmons first walked into the Veterans Resource Center, he felt like he was back on the ship.

"The camaraderie is what I miss most about the military," says Simmons, who is on track to graduate in June from The Collins College of Hospitality Management. "I sensed that bond with the people I met at the veterans center. They really care and they want to help you out."

One day, Simmons, whose nickname is the "Sauce Boss," hopes to turn his passion for making sauces into a healthy-eating enterprise called No Fuss Cuisine using some of the connections he's made with other veterans.

Since it opened in fall 2012, the Veterans Resource Center has become not only a critical source of information, support and guidance, but also a gathering place for student veterans to share a cup of coffee, shoot the breeze or study.

The center is the hub of Cal Poly Pomona's Veterans Services Initiative, which was established in 2009 by President Emeritus Michael Ortiz to meet the unique academic and personal needs of student veterans and their families.

"We're so thankful for what the veterans have done for us at home and overseas," says Krista Spangler, director of development for student affairs. "Now, it's our duty to help them get through college and into the workforce."

The center is a central resource for information about veteran-specific services. Veterans receive priority consideration for admissions and course registration, assistance in navigating financial aid, referrals to programs and services on and off campus, access to advisors, peer support and counseling.

A \$95,000 Kellogg Legacy Project Endowment grant helps support the center as well as scholarships, recognition events and professional development workshops.

The center was a busy place last year, with nearly 3,000 walk-ins.

"We will serve more than 400 student veterans and over 150 veteran dependents this fall," Spangler says.

Veterans Services Coordinator Elke Azpeitia has worked at the center since it opened. On any given day, Azpeitia fields questions ranging from admissions requirements and financial aid to military benefits and transfer credits.

"We work with veterans on a case-by-case basis," Azpeitia says. "Each one comes in with unique circumstances, so we need to determine the best resources available to them."

Veterans bring to campus a wealth of skills they acquired through their military training and experiences. They tend to gravitate toward majors in engineering, science and business, and are comfortable with Cal Poly Pomona's hands-on approach to learning Azpeitia says.

They also bring different expectations than students fresh out of high school.

"Veteran students are very academically focused," Azpeitia says. "They see college as another step in the process to get them where they want to be."

The center works closely with the Career Center, hosting seminars on how to write resumes, conducting mock job interviews and bringing in employers to talk to veterans about career and internship opportunities.

Jose Figueroa, a chemical, biological, radiological and nuclear specialist in the Army for about six years, says Azpeitia put him in touch with a recruiter from Northrop Grumman. Figueroa, who graduated in December 2014, is now a systems engineer for the defense contractor.

While at Cal Poly Pomona, Figueroa volunteered for the Boots to Bronco initiative designed to help faculty and staff better understand the challenges facing veterans as they transition to college life.

Some veterans might be deployed or have to go to training classes at the same time a final is scheduled. The center works with faculty members to make accommodations.

"When they get called, they have to go," Spangler says. "We have to find ways to help them keep moving forward so they don't fall behind."

The Veterans Resource Center is developing an active alumni network and has established a faculty-led Student Success Initiative and a liaison network with more than 20 campus departments.

"The support of the administration, faculty and staff has been invaluable to the success of the program and our veterans," Azpeitia says.

division of student affairs



likes



The Veterans Resource Center is the headquarters for information and support for student veterans.

**THE DIVISION OF STUDENT AFFAIRS** supports the university's educational mission through comprehensive programs and services that promote student learning and success. Goals of the Division of Student Affairs include investment in the Veterans Resource Center, Renaissance Scholars program, Cultural Centers and Career Center, as well as support for the creation of a new Rose Float lab.

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# Changing the Landscape

## Native American Pipeline Program Aims to Inspire Younger Generations of Students to Seek Higher Education

By Julie Bos

For Native Americans, the path leading to a college education may look barren.

There are more than 100 tribes in California, but a scant 1 percent of that population will attend college. Students seeking higher education often struggle to find role models, leave the reservation or connect with a support system that can relate to them.

Cal Poly Pomona, thanks in part to the generosity of alumnus Don Huntley ('60, animal husbandry), seeks to alter that educational landscape.

A highly successful Fresno-based farmer and businessman, Huntley provided \$150,000 to expand Cal Poly Pomona's Natives Aiming to Inspire Values in Education (NATIVE) Pipeline program. The program, the first of its kind in the California State University system, aims to introduce college to Native American students in junior high school and high school, and instill a mindset that achievement in higher education is possible.

The funds established the Huntley Gift for Native American Pipeline and Pathways to Graduation to expand the NATIVE program, which is in its fourth year and has reached more than 100 students.

"We are broadening our outreach through our annual eight-day summer mentorship program, where we invite 14- to 18-year-old students to stay on our campus and learn about our cultural and academic programs," says Sandy Kewanhaptewa-Dixon (Hopi), an associate professor in the ethnic and women's studies department.

In addition to the summer program, Huntley's gift will provide financial assistance for freshmen in need of campus housing, and scholarships for the purchase of books and technology. At the end of the quarter, the books go to build up Cal Poly Pomona's Native American student library, where they can be reused by other students. The funds also support this year's elder/scholar-in-residence, Lorene Sisquoc (Mountain Cahuilla/Apache), who will participate in activities and provide cultural knowledge and support. (See Highlights on Page 6 for Lorene Sisquoc's profile.)

The pipeline program has helped students navigate uncharted territory. One of them is 20-year-old Sarah De

Herrera (Choctaw), a senior in business administration who plans to graduate in winter 2017.

"Prior to being involved in the NATIVE Pipeline program, I did not have any Native American role models who had pursued higher education that I looked up to or who inspired me to pursue my dreams for my future," De Herrera says. "However, through my involvement in the pipeline, I was able to meet many Native Americans, including many women, who had graduated from prestigious universities who were pursuing their dreams through higher education. They inspired me through their own stories and useful and relevant advice."

"Through the pipeline, I was able to take tours and learn about the many opportunities that Cal Poly Pomona provides, specifically for Native American students," she adds. "We also have a Native American Student Center, which gives us a place to call our own on campus."

Other Native American students are serving the pipeline program as mentors. River Garza (Tongva), a sophomore majoring in gender, ethnic and multicultural studies, is one of them. Garza is the lead mentor for the summer mentorship program, but also stays connected with younger students year-round — checking on school progress, offering assistance and writing letters of recommendation. Garza is also the NATIVE community liaison.

"It's been great to keep in touch with students who have come through the program," Garza says. "The Native American community is fairly small and there are not many Native American college students. We're helping to build bonds between students, the campus community and even the community at large. The tighter bonds we can build — regardless of where these students ultimately choose to go to college — can help students get those degrees our culture desperately needs."

The NATIVE program is gaining regional and national recognition for outstanding outreach efforts, according to Kewanhaptewa-Dixon.

"We have an 80 percent success rate based on those students applying and ultimately entering college. This rate is much higher than most pipeline programs, which is something we're very proud of."

college of education & integrative studies



likes



River Garza and Sarah De Herrera are members of the Native American pipeline program.

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## Exclusive Scholarship for Women in Information Technology Aims to Narrow the High-Tech Industry's Gender Gap

By Christopher Neprasch

Before Raissa Engelhard was accepted to Cal Poly Pomona, she already helped build an automated system to track detentions for 800 Los Angeles Unified School District students.

Engelhard was a community college student juggling part-time work and spread thin financially, but she still volunteered to work on an LAUSD system capable of scanning student IDs, creating logs and printing out a receipt to gain experience as a database administrator.

"I usually have to work two jobs to pay for school and all of my needs," the computer information systems student says. "To be able to focus solely on school and have the time to participate in clubs — it's life-changing."

A \$15,000 Avanade Women in Information Technology Scholarship, an exclusive award renewable for five years, is making a huge impact on Engelhard's life. The scholarship program also aims to make an impact on a gender gap.

Avanade has pledged nearly \$400,000 for five scholarships as part of an initiative aimed at attracting and keeping women enrolled in technology studies at universities with strong science, technology, engineering, and math (STEM) programs. Cal Poly Pomona is the only university in the United States chosen to participate.

The Avandade Women in Information Technology Scholarship also provides other tools to help women succeed in an industry that has a 3-to-1 male-to-female ratio.

The scholarship recipients will have regular access to a unique support network that includes mentoring from Avandade corporate executives and Cal Poly Pomona faculty members. Avandade is also opening doors to internships at the technology giant's offices in more than 80 locations in 20 countries.

"The computer field is not like history where you can read about what's happened in the past," says Tatiana Kambwa, a scholarship recipient who is studying computer information systems. "You have to program and build applications in order to gain experience so the internship is another valuable step in reaching my goal!"

As chair of the computer information systems department, Professor Dan Manson played a key role in the scholarship program and has been trying new approaches

to spark female interest in STEM fields.

One of Manson's projects involves teaming up with the LAUSD for CyberPatriot, a National Youth Cyber Education Program created by the Air Force Association to inspire children to seek careers in STEM. He and event organizers took the program to the next level after they noticed that less than 25 percent of participants were female, and created CyberGirlz. The most recent CyberGirlz event attracted 130 middle- and high-school girls to Cal Poly Pomona.

"The gender gap is real. Having a program like Avandade's when I was here would have attracted more girls to the major and profession," says Patricia Benoit, Southern California Edison IT manager and a CIS alumna. "Experience has shown that my male peers with similar aptitudes and skills have risen in their careers more quickly."

Progress for women in IT has been slow. Benoit recalls being the only female student in her high school programming class decades ago. Even at a recent certification course for seasoned information system professionals, she was only one of two women in a class of 22.

CyberGirlz and the Avandade scholarship program are developing a pipeline and a support network that, in time, will have profound effect on the future of industry. The personal touch cannot be undervalued.

After 30 years in the industry, Benoit still remembers the female professor who guided her through the difficult decision of switching majors and later became her confidante. Benoit also recalls the three female faculty members who inspired and mentored her through Cal Poly Pomona's MBA program. Since earning that MBA, she has committed herself to helping close the gender gap in information technology.

With an industry ally in Benoit and programs to attract female students to STEM fields, the seeds have been planted for future generations.

"Programs like the Avandade scholarship and CyberGirlz will help to even out the [technology] workforce demographic," Manson says. "These girls who look up to women professionals will become role models themselves and continue to help institute change."

college of business administration



likes



Kaythari Phon, from left, Barbae Dwaine Marquez, Nandita Chauhan and Tatiana Kambwa are Avandade scholarship recipients.

**THE COLLEGE OF BUSINESS ADMINISTRATION** provides a technologically driven, career-focused education featuring unique applied learning experiences. This allows students to hone their leadership skills and prepare them to make an immediate impact upon graduation. The college is in a unique position to build on its strengths in providing an accessible, learn-by-doing business curriculum. But continuing to do so requires a major financial commitment. Its focus includes securing resources to fund new and existing academic centers, endowments for faculty research and student scholarships, and excellent facilities.

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# Lessons Taking Root

## Plant Science Students Tackle Global Issues During Demanding Summer Internships in India

By Steven K. Wagner

If the historic drought in California persists, farmers could turn to the water-sipping pigeon pea legume as a substitute for thirsty alfalfa fields. Drought-tolerant sorghum may provide a critical food source in the harsh climates of famine-prone countries.

That's what two Cal Poly Pomona seniors learned during an intensive summer internship in India.

Plant science students Blake Stark and Lucia Sellati spent 11 weeks in Hyderabad, the capital city of the southern India state of Telangana, whose semi-arid climate and agrarian sub-environment made it an ideal research site. They evaluated plants that might thrive in difficult climates and help feed hungry populations.

The internships are a hallmark of the university's learn-by-doing approach.

"The overriding goal was to help these students put into practice the plant science they've learned here at Cal Poly Pomona," says Mary S. Holz-Clause, dean of the College of Agriculture. "International experiences can be so transformative in the lives of students, helping them understand that they have both a responsibility and an obligation to think beyond our own borders and recognize that they are part of a global community."

Stark and Sellati were part of plant-breeding projects at the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), working with chickpea, pigeon pea and other food staples. ICRISAT is a nonprofit United Nations-funded organization that conducts agricultural research for plant development in Asia and Africa. The internships were funded by Jim Hicks, a longtime and staunch supporter of the College of Agriculture.

Sellati worked for the Sorghum Breeding Department in ICRISAT's Dryland Cereals Sector, examining drought tolerance.

"We chemically blocked different water pathways in the sorghum plants to simulate drought, study the physiological effects, and pinpoint more resistant genotypes," she says.

According to Sellati, her research has at least one potentially significant application: Because India is a

densely populated country, development of cereal crops, including sorghum, is crucial to feeding its people and those in famine-plagued nations.

Stark worked on a water-logging tolerance study for pigeon pea, an edible seed. Plants were grown in cement ponds that were filled to replicate stagnant water and screened for survival rates. He also assisted with a report focusing on increasing the global awareness of pigeon pea.

"Pigeon pea works great for intercropping, can be used for fodder, has many medicinal uses and tastes delicious," he says. "I believe there is a special niche for the use of pigeon pea in the United States because it is drought-tolerant and has extremely beneficial effects on the soil. Since California grows so much alfalfa, which is a high water-demanding crop, I believe we could save a lot of water, thus saving farmers money, by growing pigeon pea for fodder instead of alfalfa."

For Stark, from Brea, the research has led him on the path to graduate school and further study of plant science.

"I learned a lot about many different aspects of plant breeding," he says. "I learned how to make hybrid crosses essential for plant breeding. I also learned about male sterility and its usefulness in plant breeding as well as a couple of tricks to improve data collection and analysis. I was also reminded of the many variables that can affect research and how much time, effort and planning go into generating a scientifically sound experiment."

Sellati, of Monrovia, says the internship gave her many new skills, the most valuable one being data analysis.

"I was able to experience every aspect of data analysis firsthand," she says. "I feel as though I could utilize this skill and the overall experience in the future."

After graduation, she hopes to work in plant breeding or pathology and eventually enroll in graduate school.

The internship also helped open her eyes to the world.

"I got to see firsthand how agriculture is crucial in another country," she says. "I saw small farmers treat agriculture as their livelihood, and they would be destitute without it. It further solidified the importance of agriculture and how universal it is."

college of agriculture



likes



Blake Stark and Lucia Sellati spent the summer studying drought-tolerant food sources.

**THE COLLEGE OF AGRICULTURE** provides students the foundation they need to stretch the frontiers of science to find solutions, innovate and excel in agricultural disciplines, food science and apparel management. Goals for the college included advanced opportunities for student internships, research and hands-on learning laboratories.

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# Sharpening Skills

## Renovation of Demonstration Auditorium Will Give Collins College Students a Crucial Edge in a Competitive Industry

By Diana E. Garcia

The restaurant industry contributes an enormous piece to the U.S. economic pie, generating an estimated \$709 billion this year.

But before Cal Poly Pomona hospitality students can enter this vital sector, they have to pass HRT 281 Professional Cooking I, a course that utilizes hands-on cooking, tasting and evaluating to teach students how ingredients and cooking techniques can affect product outcome.

This is one of many courses, meetings, workshops and events held in the demonstration auditorium at The Collins College of Hospitality Management. The space has not changed much in the last 25 years. The kitchen island at the front of the classroom, the culinary equipment and the audio-visual technology needs to be upgraded.

"Having equipment that is outdated has made learning more difficult as it slows down the production of food being prepared, increases cleaning time, decreases learning time and affects the quality of what's being prepared," Collins College student Lauren Beazley says.

A \$240,000 gift from the Don and Lorraine Freeberg Foundation will renovate the demonstration auditorium and allow students to hone their culinary chops using modern equipment in an industry-standard work environment.

"The demonstration auditorium has dramatically affected my learning experience, and as a student, I utilize the room on a daily basis," says Eric Basset, who is a teaching assistant and a senior. "When sitting in the middle and back rows, it is hard to see what is really in the recipes. New cameras above the center cook space would help ensure all students are getting the same experience as the students sitting up front."

Renovations to the demonstration auditorium will include an upgraded kitchen island that is outfitted with the latest equipment. Modern audio-visual technology will be installed to maximize student engagement. The benefits for students are evident. Faculty members also believe that the upgrades will enhance the teaching experience.

"The audio-visual hardware allows for up-close images during demonstrations. The new cameras will give a very clear view of what is being demonstrated from several

angles," lecturer Ernest Briones says. "Having the ability to show what is being lectured on can help bolster the lesson. Students tend to retain the information better and have better success when they are replicating what was discussed and viewed."

Phases of the renovation will likely be squeezed in during the winter and summer breaks so that the impact on classes will be limited. The required culinary course is taken by up to 120 students each quarter in the demonstration auditorium. Another 120 students take a general education class on healthy American cuisine in that same space every quarter.

This is the second donation from the Freeberg Foundation to The Collins College. Last year, a \$500,000 gift was made for construction costs, equipment and the furnishing of two flex classrooms in the Marriott Learning Center, which will be completed at the end of the year.

Connections that were forged decades earlier in another profession helped attract supporters and donors for the projects.

The Don and Lorraine Freeberg Foundation is administered by the Sierra Land Group, which was founded by Don Freeberg. James Geary, Sierra Land Group CEO, became familiar with The Collins College through Professor Don St. Hilaire. They have known each other for 20 years and serve together on the board of the Hospitality, Financial and Technology Professionals Association. Years ago, Don Freeberg and Jim Collins, a longtime supporter and namesake of The Collins College, served together on the board of a different organization.

Because of these ties, The Collins College has moved a step closer to having world-class facilities and giving students a crucial edge as they prepare for their careers.

"The Collins College has a reputation for being one of the top hospitality colleges in the country," says Basset. "Because of the Freeberg Foundation's support, Collins students can be trained with the newest equipment and latest trends in the industry, preparing them to make a positive impact on the world and maintain high expectations."

the collins college of hospitality management



likes



An upgraded kitchen island will be the centerpiece of a renovated demonstration auditorium.

**THE COLLINS COLLEGE OF HOSPITALITY MANAGEMENT** has the fourth largest hospitality and tourism management undergraduate degree program in the country with over 1,350 students, educated by a team of internationally recognized faculty. Its Master of Science degree program is ranked as one of the nation's top 10 hospitality and tourism graduate programs and is the only one in the state of California. The college is dedicated to advancing the field of hospitality management through its collaborative learn-by-doing approach, its profound appreciation of diverse backgrounds, ideas and cultures, and its strategic integration of scholarship, service and applied learning. The Collins College is a preeminent and global source of future leaders in the growing hospitality and tourism management industry.

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# A Potent Mix

## Renovation of Chevy Goldstein Chemistry Labs Boasts High-Tech Equipment for Advanced Research

By Juliet Hidalgo

Blend forward-looking laboratories into an existing building, renovate a classroom, top it off with innovative technology and you have Cal Poly Pomona's formula for improving chemistry education.

All of these ingredients came together in the \$300,000 Chevy Goldstein Physical Chemistry and Computational Chemistry Labs renovation, a project that accommodated its first classes in the fall quarter. Dina Perry, sister of the late Chemistry Professor Chevy Goldstein, made the generous donation.

The high-tech equipment housed in the new labs is giving students research opportunities that they had not had before. The Physical Chemistry Lab has also put Cal Poly Pomona on the map.

"The research-grade instruments are very seldom found in undergraduate teaching laboratories," says Chemistry Professor Timothy C. Corcoran. "The instruments allow us to investigate protein stability and binding reactions."

The lab also boasts a spectrometer and an imaging microscope, which allow students to identify the fingerprints of a molecule. The microscope is another piece of equipment not commonly outfitted in a university lab. "These valuable tools will lift the chemistry department, and the entire College of Science, to a new level of teaching and research capabilities," Corcoran says.

The labs create a true learn-by-doing classroom for students and faculty. The textbook comes alive in this learning-rich environment.

"The Physical Chemistry Lab gave me the opportunity to fail and to use crucial problem-solving skills to learn," says Jessica Williams, a fourth-year chemistry student. "Having top-of-the line instruments to work with provides us with a competitive advantage over other universities once we enter the industry workforce or graduate school."

The Goldstein Labs have accomplished Perry's goal of creating a learning environment her sister would have applauded. "My sister loved Cal Poly Pomona. She not only went to school here but she taught here as well," Perry says. "I wanted these labs to be a tribute to what my sister loved most: her teaching and the school."

The gift reinforces the family tie to Cal Poly Pomona

and will give the next generation of students enhanced research tools.

"Dina Perry is an outstanding partner, and we are grateful for her support of our chemistry students, faculty and college," says Brian Jersky, dean of the College of Science. "The Goldstein Labs not only pay tribute to Chevy's teaching and research passions, but also offer our students an extraordinary opportunity to formulate and test their innovative ideas."

The Computational Chemistry Lab is designed with convertible desks containing rotating panels that allow students to quickly adapt from conventional instructional methods to computational-based instruction.

Students can lower the sunken monitors, creating an unobstructed sight line to the professor, or raise them to perform complex calculations. Computers can be easily folded away into a flat tabletop.

"Chevy's spitfire, energetic personality translated into a passionate professor who loved interacting with her students," says Samir Anz, chemistry professor and a former colleague. "She wanted students to find their voice, and this computational lab creates an environment where this can happen. Technology does not get in the way; it spurs dialogue in the classroom and enhances the learning process."

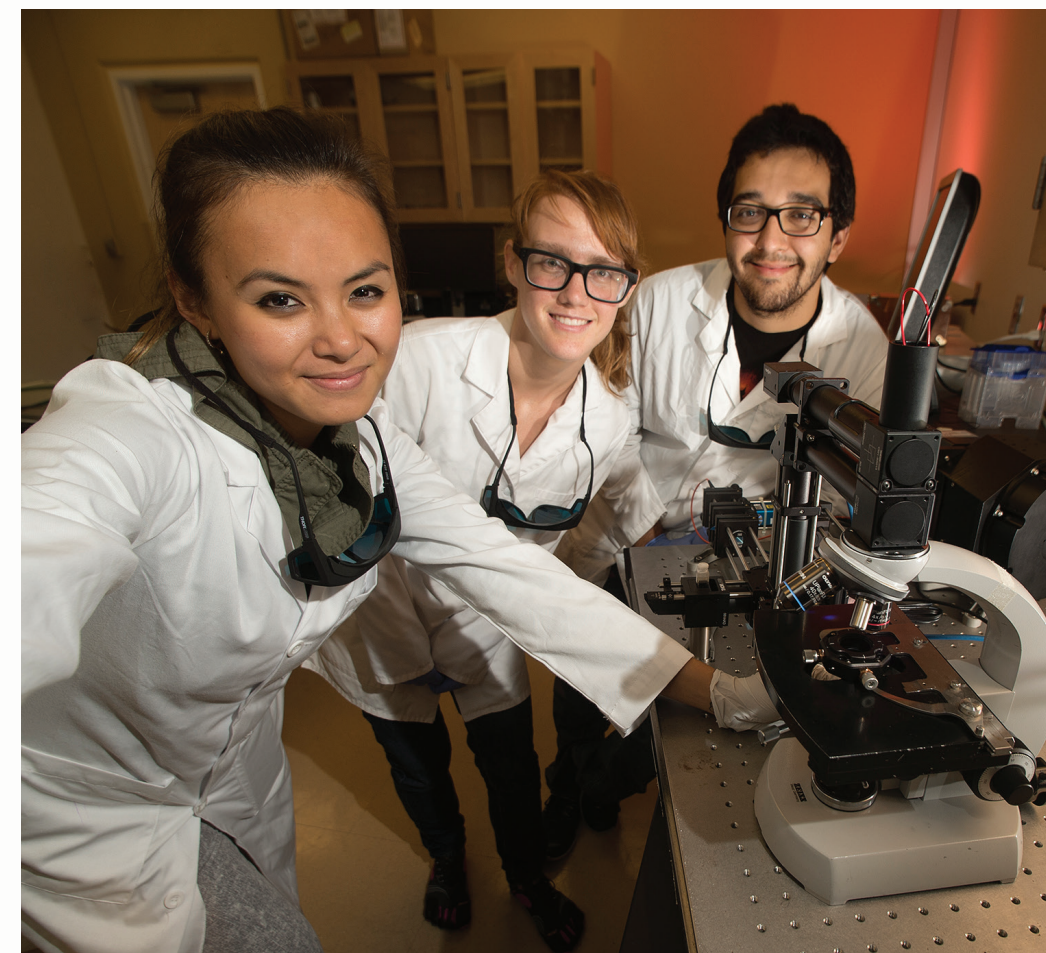
The computational classroom has walls filled with the latest WI smart projector technology, loaded with top curriculum software. The three LCD, touch-enabled interactive projector is first-generation technology not seen in many classrooms. The projector makes it easy to draw and interact using any wall, and have that information turn into a real-time document so it can be shared on multiple devices.

"From the type of computers and the selection of science-based software, to the placement of the monitors on the desks, everything in the room was carefully thought out," says Stephanie Pastor, lab technician in the chemistry department.

Helping students to succeed in the classroom is Perry's way of paying homage.

"I never understood the work my sister did, and she never understood what I did," Perry says. "What I did understand was my sister's love of teaching and how proud my parents were of her. This lab will represent her vivacious and lively personality."

college of science



likes



An imaging microscope in the new Chevy Goldstein chemistry labs has put Cal Poly Pomona on the map.

**THE COLLEGE OF SCIENCE** offers the full spectrum of scientific inquiry in seven fields and has pre-professional programs for students entering medical, dental, veterinary, biotechnology and other health careers. The college seeks to ensure access to premier scholars, support for endowed chairs, a postdoctoral fellowship fund and lab renovations.

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## Innovative Healthcare Architecture Initiative Balances Soothing Environments With Patient Needs

By Samantha Gonzaga

**Dramatic healthcare coverage changes, technological advances in medicine and longer lifespans** continue to alter the landscape of the healthcare industry – and with those shifts come patient-focused designs for facilities.

At least, that's how alumnus Sanford Smith ('79, architecture) envisions the pragmatic evolution of healthcare architecture, where efficiency and quality care need not be mutually exclusive. He's the visionary force behind the College of Environmental Design's Healthcare Architecture Initiative.

"All the signs are pointing to the fact that changes are coming and coming fast," says Smith, senior vice president of real estate, facilities and construction at Hoag Memorial Hospital Presbyterian. "In the delivery of healthcare, we have to shift from fee-for-services to fee-for-value. Do I get quality healthcare for every dollar spent?"

It's a perspective that reflects a healthcare architecture movement that is mindful of how aesthetically soothing environments can have a positive impact on the healing process as much as innovative treatments.

Take for example the renovation of Huntington Memorial Hospital in Pasadena, a 613,000-square-foot facility that looks more like a resort. There's also Hoag itself, the only non-academic medical center of nine facilities in the state that made Becker's Hospital Review's 2015 "100 Great Hospitals in America." Regularly recognized for patient satisfaction, the Hoag blends beauty and state-of-the-art facilities.

The seeds of ENV's Healthcare Architecture Initiative were sowed after a 2011 ceremony honoring Smith as the college's Distinguished Alumnus. A missed competition deadline for a design contest sponsored by Kaiser Permanente led to a casual conversation with fellow distinguished alumnus Bob Kain, then-principal at HMC Architects, and then-architecture department chair Judith Sheine. The trio discussed career prospects for architects educated in designing for the healthcare industry. Four years later, those discussions blossomed into a program that's the first of its kind on the West Coast.

"Sanford is in a perfect position, industry-wise," says Hofu Wu, an architecture professor who leads the

healthcare planning and design seminars and studios. "Without him, the program would not have flourished."

Smith, along with like-minded alumni and colleagues, formed an advisory board composed of the region's top healthcare professionals to assess curriculum, critique student projects, and provide the financial stewardship for instructional materials, special lecturers, field trips and student travel expenses. To date, Smith has personally contributed more than \$40,000. He and Wu have their sights set on expanding the program from its current offering as a specialty concentration into a full-fledged degree.

So far, nearly 100 students have completed the program, and these young professionals are prepared to anticipate and address consumer preferences through holistic approaches in design, reduction of building and repair costs through sustainable practices, and re-adaptive reuse and repurposing. Past studio projects include proposed conversions for behavioral health hospitals, which are traditionally sparse in numbers and beds; birth centers and ambulatory surgery rooms; and assisted-living communities for seniors.

The healthcare industry pulls in nearly \$3 trillion a year, with spending taking up about 18 percent of the national gross domestic product, according to the Bureau of Labor Statistics. That figure isn't expected to fluctuate much as healthcare, along with education, tend to stay constant even through economic downturns. In addition, many new opportunities are coming as a result of advances in medicine and changes in the population.

"Now we see that a very sustainable design helps with the healing process," Wu says. "There are a lot of opportunities for students to push their creativity."

Patterns are also shifting when it comes to patient flow and the use of the facilities, Wu says. By 2030, up to 30 percent of hospital beds will be unoccupied because of faster medical procedures and recovery times. An aging Baby Boomer population will require specialized care, and preventive care for the following generations.

"It's such a ripe time to bring in a generation of new thinkers," Smith says. "More than anything, there's an important role for designers to play in advocating public policies."

college of environmental design



likes



The Healthcare Architecture Initiative pushes students to take a holistic approach to design.

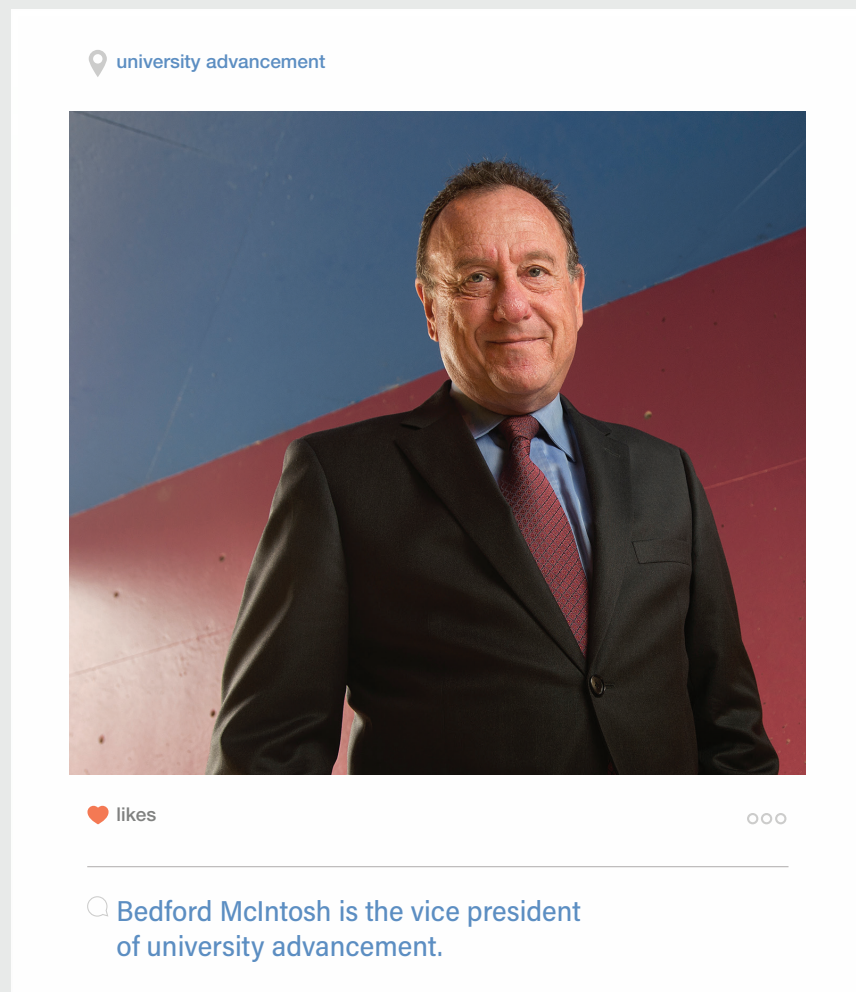
**THE COLLEGE OF ENVIRONMENTAL DESIGN** emphasizes hands-on training and a learn-by-doing approach in one of the nation's few public university programs serving the allied environmental design fields of architecture, art and art history, graphic design, landscape architecture, regenerative studies, and urban and regional planning. Goals for the college include expanded instructional space, sponsorship for student projects, scholarships, study-abroad programs and hosting professional speakers from the college's disciplines.

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# Vice President's Message



In my 37-year career as a fundraiser for universities, I've often heard people say, "I could never do what you do!" The idea of asking someone to donate money is terrifying to many. In fact, I know of a former U.S. Secretary of State who expressed just such a trepidation in making a fundraising call for his alma mater.

At the risk of my own job security, I'll tell you a secret: It is actually very easy to ask. In reality, fundraisers merely serve as a liaison in the relationship between our donors and Cal Poly Pomona, whether the beneficiary here is a college, department, faculty member or a student. We fundraisers play a complementary role to our donors, who are making the weighty decision to sacrifice a portion of their resources for a need, a goal or sometimes even an

institution's dream. The institution we represent has the significant obligation to steward those resources wisely, appropriately and effectively. While we may have a role facilitating the donation, clearly you and our many donors deserve the primary credit for what gets accomplished. We are just lucky — and truly honored — to have a front-row seat for the sequence of events.

Long ago, one of my wise volunteers shared an appeal he expressed to others: "Don't give until it hurts. Give until it feels good!" I hope you not only feel good but great about what you have done for Cal Poly Pomona! You deserve it.

Thank you again for your support.

**Bedford McIntosh**  
Vice President

# Founders' Society

The following donors have been inducted into the Founders' Society, an exclusive membership society that recognizes Cal Poly Pomona's pinnacle-level donors who have contributed lifetime gifts of \$250,000 or more.

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Mary Alice and Richard N. Frank\*  
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Fujitsu Microelectronics  
G.S. Marshall Industries  
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HRL Laboratories  
Koichiro Isshiki  
JBT FoodTech  
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Jim and Neta Hicks  
Robert L. Hurt  
John L. and Helen Kellogg Foundation  
Carl N. and Margaret M. Karcher\*  
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Magic Software Enterprises  
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Stuart Sperber\*  
Sun Microsystems, Inc.  
Trimble Navigation Limited  
Donald G. Tronstein\*  
The Vinnell Foundation  
Robert L. Wilson\*  
World Wide Technology

\* In memoriam



# Kellogg/Voorhis Heritage Society

The Kellogg/Voorhis Heritage Society is an important group of supporters named for university founders W.K. Kellogg and Charles B. Voorhis, whose early gifts of property helped establish the Cal Poly Pomona we know today. Membership is extended to those who establish an endowment or planned gift to Cal Poly Pomona by including the university in their estate plans through gifts of cash, securities, trusts, insurance or other related planned-giving programs of \$10,000 or more. Cal Poly Pomona recognizes the following supporters as new members:

**Philip Edward Gladis**

**Robert L. Hurt**

**Ganpat and Manju Patel**

**Paul and Susan Lebowitz**

**Gilbert D. Brum**

To find out how you can include Cal Poly Pomona in your estate plans, contact Daniel E. Wood, director of planned giving, at (909) 869-4825 or [dewood@cpp.edu](mailto:dewood@cpp.edu) or visit [www.polylegacy.org](http://www.polylegacy.org).

 [w.k. kellogg arabian horse center](#)



 likes

○○○

 [CP Spell Bound trots with her month-old foal, Kaydee, on a sunny day in March.](#)

## Ways to Give

There are numerous ways to enhance the Cal Poly Pomona experience and at the same time receive generous tax breaks and savings opportunities. However, these gift strategies require careful forethought. We look forward to meeting with you and your advisors to structure a gift that best fits your personal, financial and charitable goals.

More information is also available online at [www.polylegacy.org](http://www.polylegacy.org).

To include Cal Poly Pomona in your estate plans  
**Director of Planned Giving**  
**DANIEL E. WOOD**  
(909) 869-4825  
[dewood@cpp.edu](mailto:dewood@cpp.edu)

To make a gift through the Annual Fund  
**Director of Leadership Annual Giving**  
**KAYHAN AHMADI**  
(909) 869-4970  
[knahmadi@cpp.edu](mailto:knahmadi@cpp.edu)

To find out if your company participates in a matching gift program  
**Gift Processing Coordinator**  
**KIM REIGEL**  
(909) 869-4648  
[kareigel@cpp.edu](mailto:kareigel@cpp.edu)

### Cash and Pledges

Cash is often the most convenient and easiest form of giving. Most supporters make gifts by writing a check or using a credit card. Pledges enable you to plan a gift that is both convenient and tax-wise. A pledge allows you to consider a more significant gift and is payable over five years.

### Securities

Securities may be contributed as outright gifts or as a pledge payment. When you make a gift of long-term appreciated securities (stocks, bonds or mutual funds that have grown in value), your income tax deduction is equal to the current fair market value of the securities, and you may avoid capital gains taxes on the transfer.

### Gifts of Business Interests

Many of Cal Poly Pomona's most successful supporters consider gifts of business interests, such as closely held stock, S-Corporation stock, LLC interests and shares of professional corporations. These sophisticated giving methods require careful planning and coordination with a donor's tax and financial advisors.

### Real Estate

Real estate can be contributed as an outright gift or a gift through your estate. It also may be given to fund a deferred gift, such as a charitable remainder trust. Other gifting options allow for continued use of the property for your lifetime or for lifetime income. Any gifts of real estate, including your residence, farm, undeveloped land, vacation home or commercial property should be discussed with legal or financial representatives.

### Bequests

Bequests naming the Cal Poly Pomona Foundation in a will or living trust are the easiest and most popular deferred gift plans used by supporters. Donors may name the Cal Poly Pomona Foundation as a percentage beneficiary, for a specific dollar amount or specific assets, or as a residual or contingent recipient. Assets can be designated to support Cal Poly Pomona for the purposes you have documented.

### Retirement Plan Designations

Retirement accounts often are exposed to income and estate taxes, which may be avoided or reduced through a deferred gift. Naming the Cal Poly Pomona Foundation as a beneficiary of your retirement account can provide a meaningful gift for Cal Poly Pomona and produce significant tax savings for you and your heirs.

### Charitable Remainder Trusts

A charitable trust to benefit Cal Poly Pomona is established when you transfer assets (cash, securities or real estate) to a trust and the assets are then invested to pay an annual, lifetime or term-of-years income to you or other beneficiaries. When the trust matures, the remaining trust assets are distributed by the trustee according to your wishes. A wide variety of charitable trusts are available to meet your individual needs.

### Life Insurance

A paid-up life insurance policy makes an effective charitable gift. Many people own life insurance policies they no longer need. Cal Poly Pomona can take a policy's cash value or retain the policy for its death benefit. To receive a current income tax deduction, the Cal Poly Pomona Foundation must be named as owner and beneficiary of this type of policy. Cal Poly Pomona representatives will explain how to determine the value of the income tax deduction.



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# CAL POLY POMONA

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