Why Does Queen Elizabeth Listen to This Man?
As a university student I was often warned, “Wait until you get out into real life.”
College — I was told — was a sheltering cocoon that kept me warm and safe and a little oblivious. All I really had to do was read Wordsworth, do my own laundry, and be back in the dorm by curfew.

When I did graduate and go out on my own, I found something entirely different from the rigorous world I expected: life became in fact less demanding, less focused. People I met lived without the intense analysis I was used to. The Great Gatsby was only a movie, and historical figures whose ideas and dreams had fired my imagination faded into ghosts.

I was able to earn a competent living, but I missed passion: the connection between the personal and the universal. The ivory tower had been at the heart of my best experiences, and it was daily life that felt removed and a little blurry.

In this issue of Cal Poly Magazine, we profile some alumni, students, and faculty who have learned the secret of combining their deepest interests with university research and community programs. For them education and work are a seamless meld of a whole and continuing adventure.

Our lead feature spotlights alum Monty Roberts, who came to Cal Poly in the mid-'50s after a championship rodeo career that began when he won his first trophy at age four. His coursework in psychology and animal science enhanced his methods of nonviolent horse training, which ultimately led to a best-selling book inspired by one of his staunchest patrons, Queen Elizabeth II.

Other stories comprise a photo album of people happily immersed in on- and off-campus activities: Anthropology Professor Robert Hoover and 20 students living with Franciscan friars at Mission San Antonio de Padua, excavating and cataloguing treasures of the past; Biology Professor Tom Richards and his students studying the effects of El Niño firsthand on a Maritime Academy vessel traveling from the California coast down to Chile; College of Engineering students competing against 35 other universities to create a winning design of a 60-passenger amphibian aircraft; and alum Danny Gans, who suffered a baseball career-ending injury, voted Las Vegas Entertainer of the Year.

I hope you enjoy reading about the people in this issue as much as I did learning about them. They made me remember once again that education isn’t a preparation for life — it is life.

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similar concerns:
“Received the [first issue of the magazine] today, and it looks nice, but what the heck is going on here? Whatever happened to the notion that state-supported schools were just that? The cost of this magazine represents money that should go for education. I resent this expenditure on color photos and shiny paper! I attended Cal State Poly College [sic] 1964-67 and received some wonderful educational experiences for about $25/quarter. What a deal! Now it’s Cal Poly State University, big salaries, fancy magazines, annual alumni fund drives, and all. What a joke! Contribute? You must be kidding. Just get back to education instead of image-engineering and things will be OK.” — David Kernberger (IA ’67)

Editor’s response:
We moved from a tabloid to a magazine to improve the quality of the publication, compete more successfully against commercial magazines for our readers’ attention, and reflect Cal Poly’s status as an innovative, top-notch public institution. The cost of the magazine is the same as that of the old tabloid version, with funding coming from the Cal Poly Foundation and private donations.
Unfortunately, like most state institutions, Cal Poly is no longer state-supported, just state-assisted, with state monies meeting fewer needs every year. Gifts from individuals and corporations are necessary to help maintain and develop Cal Poly’s educational edge in technical, science, and business/liberal arts training.
In 1964 Gregory Peck was a much-admired Hollywood celebrity and Cal Poly Royal Queen Cathy De Gasparis (HE '64) was an "outstanding senior" from Guadalupe. Peck, a part-time Hereford rancher, visited with De Gasparis at the university beef unit during a trip to San Luis Obispo as chair of the American Cancer Society's 1964 Crusade. By then the actor had appeared in more than 33 films, including *The Keys of the Kingdom* (1945), *The Yearling* (1946), *Gentlemen's Agreement* (1947), and *Twelve O'Clock High* (1949), for which he won Academy Award nominations, and *To Kill a Mockingbird* (1962), for which he won the Oscar as best actor.
For anyone who has ever witnessed it, the brutal scene in the classic 1961 film The Misfits in which Clark Gable fights a wild stallion at the end of a rope indelibly defines a thousand similar struggles between man and horse. But this Western also gives us a surprising break with tradition — Gable's character suddenly frees the animal, acknowledging finally that destroying its spirit murders something in ourselves.

This has been the message of Monty Roberts (ASCI '59, Boots and Spurs '86 honoree) for most of his 62 years.

Exposed to the world of horse training and rodeo competition throughout his youth, he sought a different direction from his father's methods of tying up horses to "break" them. He developed instead the gentle craft of "starting" young horses, using a body language he calls "Equus" that he learned as a 13-year-old studying mustangs in the Nevada desert.

Roberts has catalogued his methods in his bestseller, The Man Who Listens to Horses (Random House, 1997), magazine articles, and shows like Dateline NBC. These methods are deceptively simple: Wearing his trademark tweed cap, he stands in the middle of a round pen,
facing a nervous young horse backed against a wall. He flicks a light cotton lunge line at the horse's heels, reinforcing its instincts to "go away a lot." As the horse's fear subsides, it signals that it's ready to negotiate: cocking an ear, chewing its lips, lowering its head, and finally following Roberts around the pen until "join-up," when both man and horse stop and Roberts strokes the horse's forehead soothingly, talking reassuringly.

Often within half an hour, Roberts goes on to run his hands over the horse's vulnerable areas (back, belly, flanks), pick up each of its feet, then slowly add a pad and saddle and eventually a rider. Without the use of force, horse and man are cooperating.

Roberts has successfully started thousands of young horses, including royal mounts for Queen Elizabeth II, and helps rehabilitate mistreated and "remedial" horses. He gives horse clinics worldwide and offers demonstrations at his own Flag Is Up Farms, a world-class Thoroughbred racehorse operation near Solvang.

Students from the Cal Poly horse program — one of the best nationwide — frequently visit Flag Is Up. "The main thing Monty Roberts has generously given students is the opportunity to work with horses — not just a one-time gift, but over and over," says Animal Science Professor Roger Hunt, who established Cal Poly's horse enterprise project and served as horse unit manager for 10 years.

Senior Equine Specialist Mike Lund, who teaches equine classes with Hunt and Animal Science Professor Gene Armstrong, agrees. "Monty has always been open to having students watch his join-up method, which he's been doing for years," says Lund. "And he's a successful role model — he shows kids that all you have to do is use some initiative and thought."

"The fundamental goal of my work is to create a greater understanding in the area of communication," says Roberts, "human to animal, and human to human. My primary desire is to leave the world a better place for both horses and people."
The following interview with Monty Roberts was held on a bright day in mid-December 1997 at his Flag Is Up Farms in Solvang, California.

**CAL POLY MAGAZINE:** How far back does your connection with Cal Poly go?

**MONTY ROBERTS:** I first came down from Salinas in 1949 on a high school FFA field day and stayed in the ag farm shop on a Navy bunkbed. The horse courses at Cal Poly were just getting started [under Bob Gibford]. I kept coming three or four times a year. I lived on campus, keeping horses there, riding horses, helping out.

After graduating from Hartnell [Junior College] in 1955, I enrolled with a triple major at Cal Poly: biological sciences, to get as much of the psychology and biological aspects of my work as I could; farm management, because I had a lot of related units from Hartnell; and an animal science major. I joined the rodeo club and won two national championships as well as many regional [ones].

I was married after my first year at Cal Poly. We had a little Western store at the corner of Broad and Foothill and a few horses in training. Pat was a 100 percent partner, sitting in the store, doing the books for the training operation, helping me with school. And later, raising our three children [daughters Debbie and Laurel and son Marty], and showing horses. The degree to which I’ve succeeded is directly proportionate to the help she gave me.

**CPM:** There were many Cal Poly graduates from the 1950s who made their mark in the horse world.

**MR:** Yes — It was a vintage crop...
that included Bill Stroud [ASCI '58], now a vocational ag adviser in Paso Robles, and Jack Varian [ASCI '58], who has gone on to have big ranching operations throughout California. At one time virtually all of us rented places on O'Connor Way, the back road to the Army camp, where we had room for horses. At least five people living in that little canyon went on to become world [rodeo] champions.

In '59 I began to operate Laurelinda, a professional horse training operation in Edna Valley financed by Homer Mitchell, a San Joaquin Valley cotton farmer. But I [kept my involvement with] Cal Poly, because Mr. Gibford and Mr. Bob Miller, my adviser, kept sending me students.

Many have gone on to wonderful things. [Among them are] Lee Smith [AGB '66], now one of the major heads of agricultural banking in Nevada; Johnny Miller [ASCI '54], who went on to be World's Champion Cowboy and now has his own operation in Scottsdale; and [former Cal Poly student] Crawford Hall, who has run Flag Is Up for 25 years — I couldn't have hired a better manager.

In 1966 I moved down here [to Solvang]. Roger Hunt worked with me for a year and then there followed a stream of interns, both formal and informal, including one exchange student from India, Satish Seemar, who is now running the world's largest Thoroughbred operation.

CPM: What would you say are the most important lessons you've learned from your horse training methods?

MR: First, to allow any creature the right to fail, but to hold them accountable for their actions. Without that, they cannot succeed. Second, no one has the right to say "you must" to any other creature, animal or human. Not governments or parents or teachers.

The contracts I make [with horses] give the positive consequences of certain actions as well as the negative ones. I tell them, "Do whatever you want, but if you want to walk over there while I'm asking you to come over here, then walk over there a lot," and I send them cantering in circles for a while. When they're ready to move toward me, I offer them fellowship.

CPM: Your techniques appear to be rooted in the notion of surrender rather than domination, which is the usual way humans do business.

MR: You put your finger square on it. The human species, if it can rule by domination, generally does. If we have an opportunity [to use negotiation or force], we generally use force. But ultimately violence has a greater price than the problem it tries to solve. Right now [the Earth] has the greatest chance it has ever had to eliminate violence. [All the world's powerful nations] are professing not to want violence now — we could sign a peace pact under the United Nations and agree never to use violence again.

CPM: Your book has been on the New York Times bestseller list for 18 weeks and as of this week is number two. What has captured all those readers?

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MR: The book strikes a chord about how people conduct their relationships with other human beings. The letters that have come in here — stacks of them — are changing from those mainly from horse people to letters from teenagers, bosses and employees, and husbands and wives.

CPM: You believe that people and animals and countries all share a common identity?

MR: Yes — I believe firmly that nature created a mosaic of all creatures, and that everything dovetails so incredibly well that it couldn’t have happened accidentally. There must have been an architect. But we as human beings have had the upper hand, and we have created chasms between the species.

CPM: If you look back through history, the horse is everywhere: Bucephalus dying and Alexander weeping, all our great men shown on horseback. What is the particular significance of the horse?

MR: Opposites attract. We are fight animals and the horse is a flight animal — he resorts to violence only as a defense. And the horse plows our fields, clothes us, carries us, pulls our wagons. And he does all these things for us in spite of us telling him for 6,000 years, “You do what I tell you to, or I’ll hurt you.”

CPM: What is the horse’s message?

MR: “You don’t have to hurt me. I will do for you, and you don’t have to hurt me.”
It's less like summer school and more like an extended field trip. It's called a field school.

For six weeks, students in the Archaeological Field School at Mission San Antonio de Padua are intensely immersed in the history of Spanish mission life. Since 1976 this Cal Poly summer extension course has emphasized the integration of excavation, recording, laboratory processing skills, and classroom presentations. And in an effort to discourage specialization or segmentation of tasks, all students record, clean, catalogue, weigh, measure, and interpret data.

The relationship between Cal Poly and Mission San Antonio began 22 years ago when Anthropology Professor Robert L. Hoover received a phone call from a padre who said he wanted to learn more about the mission's archaeology. "The only previous excavation was in the late 1960s," says Hoover. "So we discussed developing a summer extension program."

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As director and coordinator of the field school, and professor at Cal Poly since 1970, Hoover says the program is one of a kind. "Mission San Antonio is scientifically unique because there is no town around it," he says. "It also has a unique historical ambiance. Students feel like they're in the 18th century — it's a spiritual experience."

Located 26 miles west of Highway 101, 23 miles southwest of King City, near the small town of Jolon in a remote region of Fort Hunter Liggett, Mission San Antonio was founded in 1771 and is the third of 21 missions along the California coast between San Diego and Sonoma. In 1805 it reached its peak population of 1,300 Indians, who were baptized and converted to the Spanish uses of agriculture, architecture, and domestic animals. With time the population tapered off because of the Indians' lack of resistance to European diseases.

Mission San Antonio was secularized in 1834 after Mexico received its independence from Spain, and everything but the church and the padres' rooms were sold off. Most missions became public churches except for Santa Barbara, San Luis Rey, San Miguel, and San Antonio. Mission San Antonio is one of four still run by the Franciscan religious order, urban social workers concerned with the needs of the poor.

Every June, Mission San Antonio opens its doors to 20 field school students as guests of the Franciscan friars. Students stay in individual rooms with water, electricity, closets, and furniture. The bathrooms and medieval dining hall are communal.

The 1998 fee of $1,103 includes room, board, and salaries. Hoover shares his salary with two assistants who return every year to be a part of the program. The lab director is a high school teacher from suburban Washington, D.C., and the field director is a retired programmer. Hoover also hires a chef, and the Franciscans eat with the Cal Poly group. "It's a mutual relationship," Hoover says. "Students also help clean the museum and volunteer for other work in their spare time."

Due to the warm dry climate of the Jolon area, the greater part of outdoor excavation activities is conducted in the mornings. The bulk of the laboratory processing is done during the afternoons and some evenings inside the mission buildings, where the adobe structures are insulated from outside temperatures. Other evenings are spent in lecture and discussion. For a couple of hours after lunch students receive free time to sleep, read, or swim in the nearby Army base pool.

Hoover invites guest lecturers to speak about history, music, agriculture, architecture, and art. For the past four years, History Professor Paul Hiltzold has lectured on the Spanish colonial empire from the Spanish perspective. "The best thing about archaeology is that it marries the humanistic and the scientific," Hiltzold says. "And the field school is a wonderful place to learn this and look for real objects."
It is Hoover who creates the research designs to determine when and what areas of the mission and its surrounding land will be excavated. Over the last two decades field school participants have explored corrals, a mill house, a reservoir, an orchard, the myriad quarters, the single men’s dorm, and the water system. Hoover says his motto is: “Work carefully. We’re in no hurry — we’re learning.”

Hoover remembers that one of the most exciting finds was “a beautiful bronze crucifix in a drain covered with stone slabs in the soldiers’ barracks.” It is now housed in one of the many museum display cases. Another special find was a square floor tile with a footprint of a Salinan child (the Salinan Nation are neighbors of the Chumash Indians to the north). “One of the Salinan students made a cast of the tile to take home.”

Recently Hoover was contacted by descendants of the Salinan Nation to enlist his help. According to Hoover, they are attempting to gain recognition as a tribe and have asked the field school to explore boundaries of the cemetery. Hoover has agreed as a gesture of his respect for, and effort to maintain strong relations with, the Franciscans and local Indians.

Hoover’s dedication to the field school extends beyond the perimeters of the mission. At an archaeology seminar, Hoover met a Bay-area geophysicist who, this summer, is allowing the field school to use his new ground-penetrating radar and magnetometers to detect metals and resistance underground. “It’s an exciting opportunity,” says Hoover.

Each year Hoover receives 75 to 100 inquiries about the program. Initially, enrollees were regular students at Cal Poly. However, the field school’s reputation for rigorous and intensive training has attracted students from other California institutions, most states across the nation, and five foreign countries. “Anyone can apply,” Hoover says. “It’s most important to have interest.”

Previous participants have ranged from advanced high school students to senior citizens. “The variety of people bring different things to the program: knowledge from the classroom, practical experience, and enthusiasm,” Hoover says. “The students are as much fun as the archaeology!”

Hoover plans to continue with his involvement well into retirement. “A person can spend two or three lifetimes and still not find everything.”

Photos courtesy Robert L. Hoover
To learn, have fun, and win. That was the mission of eight Cal Poly aeronautical engineering students at the beginning of a year-long aircraft design class and national design competition. Mission accomplished.

The Sierra design team soared to first place and took home $1,000 in the prestigious 1996/1997 American Institute of Aeronautics and Astronautics (AIAA) Lockheed Martin Undergraduate Team Aircraft Design Competition.

The challenge: design a 60-passenger regional amphibian aircraft, compete against 35 other universities, and have the 100-page proposal be judged the best by AIAA and industry volunteers.

The fun: team camaraderie, activities, and lasting friendships mixed with 50-hour work weeks, all-nighters, learning by doing.

The team: aeronautical engineering seniors Bruno Bachinger, Jesse Borge, Nick Demogines, Mark Doan, Ricky Gan, Kipp Peppel, Kaaren Sorensen, and Daniel Vigna.

"It was overwhelming at the beginning," says Bachinger, Sierra team leader, of the process. "We felt like we were standing in the middle of a desert and didn't know which way to walk out." Cal Poly's four teams were basically on their own to develop their plans and procedures. Aero Professor Robert van't Riet acted as adviser when necessary.

The Sierra team members soon found the right direction. The keys to their success were establishing realistic goals, timelines, and a hierarchy of responsibility where each member held both a primary and secondary role for some phase of the design; issuing rules (along with penalties for breaking them); maintaining precise records; doing in-depth research on current amphibious aircraft designs; and, finally, creating something unique.

"Everyone from professors to industry people advised us against trying to design something new," says Bachinger. "But our research showed the basic design for this type of aircraft hasn't changed since the 1950s. We knew we could do something better."

The Sierra's distinctive design, which now has some of those same doubters excited, features a hydro-ski to reduce water impact loads, sponsons (winglike pieces attached to the hull) for lateral water stability, and an overhead cargo bay to better distribute weight. The design has twin turboprop engines on a high wing and a T-tail.

Thanks to the team's extensive research, their first design was a good one. "Instead of having to re-design our craft, we used the extra time to tweak ours," Bachinger says.

Kaaren Sorensen, who was in charge of aerodynamics and helped with
team organization, says being the only female wasn't a problem. “I'm just one of the guys . . . we all work together so well.”

As she hunts for a job performing aerodynamic tests, the June graduate knows the value the project adds to her resume. “Being able to show professionals from Boeing or Lockheed Martin our award-winning report and being able to talk knowledgeable about the project is very impressive.”

Bachinger agrees that being able to apply engineering principles learned in the classroom and getting good results are two benefits of the project, especially for the self-described perfectionist and results-oriented student.

“The experience was often terrible,” Bachinger says. “It was stressful, time-consuming, and you're trying to balance other classes at the same time as you're working 50 hours a week on this. But, in retrospect, it was great.”

Bachinger was having doubts about his academic career before he started the senior aircraft design class, but that all changed. “I learned about my potential and stepped up to the challenge. I never saw myself as becoming a manager but now I think I might have a small knack for it,” he says modestly. “I learned a lot about motivating people, timelines, trade-offs, and keeping the whole project in focus.”

The June graduate says the experience will be instrumental in his future success. “Now I know I can do anything if I apply myself.”

Two other Cal Poly teams also won awards in the most recent AIAA competition: Zephyr won second place and Oberon AT won an honorable mention.

This is the second year the senior aircraft design class has swept the national contest. Two years ago, Cal Poly teams took first, second, and honorable mention awards for their “high altitude, long endurance, unmanned aerial vehicle” designs.

The class runs for three quarters. During the first quarter, each student designs an aircraft. The following quarter, random teams are assembled. Each team is solely responsible for the way it carries out the project. The Sierra design team crafted a 1/36th scale model and tested it in Lake Naciemento.

The Cal Poly Aeronautical Engineering Department has added some twists that no doubt help its students win. The students make on-site presentations to various aircraft manufacturers, getting feedback and honing their social and speaking skills.

Then at the end of the third quarter, Cal Poly hosts an annual design symposium, where the proposals are presented to industry members. Extensive interaction with corporate and government giants such as Boeing, Rockwell, McDonnell Douglas, Lockheed Martin Skunk Works, and NASA help ensure the proposals’ success.

A week later, the revised proposals are sent off for competition judging, and the waiting begins.
Learn by shipping out, you might say.

Cal Poly now has access to a 500-foot, $200 million, ocean-going teaching ship, and Cal Poly students have made their first voyage.

The T.S. (training ship) Golden Bear is operated by the California Maritime Academy. But thanks to the academy's status (since 1995) as a campus of the California State University system, the vessel promises to add an exciting new dimension to a state university education. And Cal Poly students were the first non-mariners in the system to go to sea on it.

Fifteen marine biology students and Professor Tom Richards sailed out of Vallejo last spring for a two-month Pacific cruise. After 14,000 miles at sea and stopovers at ports in Mexico, Peru, and Chile, they returned to the ship's Bay Area berth. They traveled as far south of the Equator as San Luis Obispo is north. They saw the sun rise over Easter Island and witnessed an Andean condor soaring. They set foot on the isolated islands where Alexander Selkirk, the real Robinson Crusoe, was stranded for four and a half years.

It was an experience filled with both the routine and the sublime. As part of the training ship's crew, the students had daily cleaning duty, formation on the "helo deck" at 0745, and yes, 24-hour military time along with khaki Maritime Academy uniforms for those formations. But also, in the dark of night, they watched luminous plankton glowing in the ship's wake and shimmering dolphins playing in the bow wave.

"The most amazing part [about it]," wrote junior Jenna Borberg in her journal for shortly before midnight, two days before docking in Acapulco, "is that you don't really see the dolphin, you see the bioluminescence surrounding it, and the dolphin glow[s] as it soar[s] through the water... [Three dolphins] traveled with us for I guess around five minutes, playing and jumping. The whole time I was in awe — my heart was beating fast, I had tears in my eyes, and a huge smile on my face. It was a magical experience."

Richards and his students were among the first to see El Niño brewing. They saw it at the top of the southeastern Pacific food chain: The few tuna they caught were starving.

In normal years, cold water brings an abundance of nutrients to the surface, where they sustain microscopic plants. Those, in turn, are eaten by tiny surface-water shrimp, then those by anchovies, then those by tuna. That all but stops during the warm upwellings of an El Niño.

"There we were," Richards said. "Right time. Right place." He said the Golden Bear was the first oceanographic ship to record those effects for this year's El Niño.
Let's hope it's not Charlie . . . John Powers dissects a tuna.

“I could teach it while we were seeing it,” he said. “I don’t get that chance very often.”

The academic focus for the Golden Bear’s “science cadets” was the biology of plankton — the microscopic plants and animals that float on or near the ocean’s surface — but lessons covered a broad spectrum, in both content and style. They heard lectures about weather, and they sailed through a force-8 gale. They heard a presentation on ocean pollution and saw garbage floating off a Mexican resort.

Each student was responsible for part of a researched presentation on a particular maritime topic. They also signed up for regular maritime cadet classes like navigation, shipboard emergency medical training, and diesel engine maintenance.

The California Maritime Academy acquired the Golden Bear in 1995 from the U.S. Maritime Administration to replace a previous training ship. The formerly private institution has now drafted a plan to crew the ship half with its engineering cadets and half with other CSU students in ocean sciences, cultural studies, anthropology, and other disciplines.

Beginning in 1999, the opportunity could be available to as many as 120 CSU students on each of the ship’s two annual cruises.

It was Cal Poly’s reputation within the CSU that led the academy to invite Cal Poly to initiate the pilot program. Because of last spring’s “superior” effort, Cal Poly has received the academy president’s invitation to do it again this spring. The Golden Bear will sail to Hawaii, Australia, Japan, and Alaska with stops at islands along the way. Up to 15 Cal Poly students will be on board.
Kennedy Library leads CSU Information Competence Project

by Sallie Harlan and Sariya Talip Clay, Reference Librarians

As information proliferates and technology becomes more sophisticated, Cal Poly students must be able to find, evaluate, use, and communicate information efficiently and effectively. To this end, the Robert E. Kennedy Library is embracing new technologies and electronic media that incorporate "information competence" into the core curriculum and library instruction to help meet academic needs and enable students to become informed and productive citizens.

For the past 20-plus months, the Kennedy Library has spearheaded the California State University Information Competence Project, funded by the CSU Commission on Learning Resources and Industrial Technology. The project comprises the following:

**Information Competence Course:** In this 3-unit class undergraduates learn how to use information in all its various formats. The course transforms a traditional library skills syllabus by incorporating computer and technological literacy as well as critical thinking skills. Sessions on authoring and communicating information using PageMill and PowerPoint are interspersed with sessions on locating, evaluating, and using print and electronic resources, and discussions on ethical issues such as copyright, privacy, and censorship.

**Web Instructional Modules:** An interactive WWW-based electronic workbook (under development) will consist of several self-paced instructional sample pages, excerpts from full-text sources, citations, and other relevant materials to provide a realistic learning environment. Students will be able to view instructional tips and examples and complete interactive practice exercises that provide feedback and self-evaluation.

**Classroom Multimedia Presentations:** To support and enhance the Information Competence Course, multimedia presentations created with Macromedia Director are also being developed. Concepts and skills are highlighted with graphics and step-by-step instructions.

**SET (Student-Centered Electronic Teaching) Classroom:** The new SET classroom is a combination electronic classroom, information concourse, and multimedia laboratory. The design of the study tables and computer workstations facilitate active and collaborative learning.

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Open House to celebrate tradition

Make plans now to attend Cal Poly's Fifth Annual Open House on April 17-18. This year's theme, "Poly Classic," honors university traditions.

Friday, April 17, is the annual Admitted Student Day, where newly admitted students attend a pancake breakfast and then spend the day with their prospective colleges. Saturday, April 18, is open to the public. Guests can visit more than 100 booths featuring campus clubs and organizations and observe the long-standing traditions of the tractor pull and rodeo.

The Cal Poly Alumni Association invites alums to visit its new check-in booth to meet with their college representatives and learn about other special events. For more information on Open House, contact Student Life and Activities at 805/756-2476 or the Alumni Relations office at 888/CAL-POLY.
Career Services mission control for career planning

by Richard Equinoa
Director, Career Services

Almost 9,000 students register annually for services at the Career Services department, the primary centralized campus resource that helps students and alumni formulate and implement their career plans. Career Services is also the first point of contact for graduate schools and employers interested in recruiting or hiring.

In employment assistance, the driving philosophy is to provide services that make it as easy as possible for employers and students to connect. More than 500 companies participate in the campus interview program, conducting almost 11,000 student interviews on a pre-select or open sign-up basis. Many list positions on the 24-hour Job Line, supply the Career Resource Center with company videos or hard-copy publications, order electronic resume books, participate in job fairs and career days, conduct employer information sessions, and link company home pages to the Career Services home page at http://www.careerservices.calpoly.edu.

Emphasizing access to services and resources, two major efforts were launched last year.

The First Year Initiative-Career takes Career Services into the residence halls to stimulate students' early thinking about their majors and prospective career directions through on-line career planning, selected workshops and programming, and the creative use of technology.

Web Walk Up, providing 24-hour on-line access to registration and interview scheduling, was introduced in fall 1997. Student participation is high, and staff members continue to improve software and service.

Historically, Cal Poly has placed a heavy emphasis on the career dimension of its university experience, both in and out of the classroom, and the university's support for Career Services is just one indication of its commitment to a successful career transition beyond Cal Poly. For more information on the Career Resource Center, call 805/756-2501.

Smoothing the way for first-year students

by Patricia Ponce
FYI Coordinator, Student Academic Services

Do you remember your first year at college? Did you wonder if you would fit in, what your roommate would be like, whether you would make friends like the ones back home? Did you worry about making it academically, getting along with your professors?

All of these “transitional” issues are common to first-year college students. Under the Division of Student Affairs' mission to “advance and encourage the learning and personal development of students,” they are being addressed at Cal Poly by a new First Year Initiative (FYI) that unifies all freshmen and transfer student programs.

These include traditional Student Affairs programs such as Open House, Summer Advising, Week of Welcome, and Housing and Residential Life, as well as revamped coordinated programs such as First Year Seminars, Math Workshops, Supplemental Instruction, Study Group, and Career Access that equip students with improved skills for competing in a rigorous academic environment and in their later professional lives.
CSUMentor helps students make best college choice

A new Internet-based information system established by the California State University system is making it easier for prospective college students to explore admission options at the 23 CSU campuses.

Free access to the Web site — www.csumentor.edu — allows high school students to enter personal and scholastic data into a program that will help them choose the CSU best matching their needs and abilities. To help students meet minimum CSU entrance requirements, CSUMentor specifies high school courses, required grades, and SAT and ACT testing times and locations. When students are ready to apply to a CSU campus, the Internet system can transfer completed applications and forms electronically.

The secure CSUMentor database is maintained throughout students' high school and college careers. It includes a private e-mail account, financial aid information, and virtual tours of CSU campuses. XAP Corporation, which designed and developed the system, plans to apply similar versions to university systems nationwide.

President Baker heads seminar, honored by alma mater

Stepping into the classroom again winter quarter, President Warren J. Baker led a select group of students in studying how changes in society and scientific discoveries are altering the face of higher education.

“The President’s Seminar: Science, Society, and the University” looked at such issues as how universities must change to meet the challenges of the 21st century, the effects of demographic and funding patterns on higher education, and the role of universities in addressing social problems.

Among scheduled speakers were Joseph Platt, president emeritus, Harvey Mudd College; David Goodstein, Caltech vice provost; Jim Considine, California State University trustee, and Jack O'Connell, California state senator.

Last fall Baker was awarded the University of Notre Dame's Cavanaugh Award, the highest alumni honor, for "outstanding service in the field of government, patriotism, public service, and local, state, and national politics." In announcing the award, Charles F. Lennon Jr., alumni association executive director, told Baker, "You fit all categories."

Baker's daughter, Carrie, is also a Notre Dame graduate, and his father-in-law, Matthew Fitzsimons, taught at that university for 50 years.

Baker earned his bachelor's degree in civil engineering from Notre Dame in 1960 and his master's two years later. He received his doctorate in civil engineering from the University of New Mexico in 1966.

After joining the University of Detroit faculty in 1966, Baker moved on to become dean of the College of Engineering and vice president for academic affairs. He was named Cal Poly's president in 1979.

In 1983 Baker was appointed to the Agency for International Development's Board for International Food and Agriculture Development, and in 1985 began a nine-year term on the National Science Board, which included serving as chair of the Polar Research Committee. In 1995 he was named co-chair of the California Joint Policy Council on Agriculture and Higher Education.

Under Baker's leadership, Cal Poly has seen more than $170 million in capital improvements made to the campus, including the development of 17 major buildings, and has become recognized as one of the best polytechnic universities in the nation.
During summer 1997 both the campus El Corral Bookstore (top) and Cal Poly Downtown (bottom) in San Luis Obispo were given shiny new looks with remolds that added space and increased efficiency.

(Photos by David Wood)
UNIVERSITY NEWS

EXTRA CREDIT

• College of Agriculture Dean Joseph J. Jen, an expert in food enzymes and biotechnology, has been appointed by Gov. Pete Wilson to the State Board of Food and Agriculture.

• Physics Professor Richard Frankel has been awarded a $275,000 grant from the National Science Foundation to further explore the controversial theory that life existed on ancient Mars. Frankel, an expert in bacterial iron oxides and iron sulfides, is leading one of several studies of the meteorite found in Antarctica that may contain evidence of life on Mars 2 to 3.6 billion years ago.

• America Reads @ Cal Poly is a collaborative project that is part of a nationwide program proposed by President Clinton to improve the reading skills of elementary school children. Student and community volunteers are trained as tutors to work in after-school, weekend, and summer reading programs. The Cal Poly project is sponsored by the Liberal Studies Program in the College of Liberal Arts, the University Center for Teacher Education, Student Community Services, and Financial Aid.

• Gerald Smith, a former department head and professor of landscape architecture, has been recognized as the 1997 Distinguished Member of the International Honor Society of Sigma Lambda Alpha for his vision, sense of duty, educational leadership, and sustained service. His areas of expertise are landscape history and evolutionary histories of regional landscapes; urban design; and site design, analysis, and planning.

• Robert E. McCorkle, a longtime agribusiness professor, is one of 200 national leaders in agriculture and natural resources to be named to the Centennial Honor Roll of Alpha Zeta, the nation's oldest professional agriculture honorary society. He is recognized for his efforts on behalf of the Peace Corps and his knowledge of international agricultural economic development issues.

• L. Joe Glass, a professor in the Bioresource and Agricultural Engineering Department, has been honored for his service by the American Society of Agricultural Engineers. Glass earned a Director's Citation for serving 10 years as an adviser to officers in the ASAE National Student Club.

• Cal Poly's agricultural systems management degree program was recognized by the American Society of Agricultural Engineers in a process similar to accreditation. Cal Poly's becomes the first California program so honored and joins 21 other such ASEA-recognized programs nationwide.

• Norman Pillsbury, head of the Natural Resources Management Department, has been named to the California Spotted Owl Federal Advisory Committee, established by the U.S. Department of Agriculture to resolve a long-standing debate about the kind of logging allowed to sustain the owl and its habitat. Pillsbury is an expert in forest inventory and measurement.

More student housing may be in the works

Studies by a Bay Area consulting firm should help Cal Poly decide whether and where to build more student housing and how to finance it.

By fall 1999 additional student housing may accommodate 600-plus currently enrolled students at Cal Poly. Gordon H. Chong & Partners spent several months conducting detailed site, market, and financial analyses, and gathering community comment through the Student Housing Advisory Committee (a group comprising Cal Poly representatives), the San Luis Obispo City Council, Cuesta College, the Chamber of Commerce, the Board of Supervisors, the private Campus Housing Association, and Residents for Quality Neighborhoods.

The university hopes to have a final recommendation by this summer.
Cal Poly ranked tops fifth year in a row

U.S. News and World Report again ranked Cal Poly the best public regional university in the West, giving it high marks for academic reputation and the quality of its students.

Among all Western regional colleges and universities, both public and private, Cal Poly was rated third in reputation and quality and 11th overall, up two notches from last year. In “operating efficiently” — providing a high-quality education while spending relatively less — U.S. News ranked Cal Poly fourth.

Also according to U.S. News’ “1998 Annual Guide to America’s Best Colleges,” the College of Engineering is rated the top public undergraduate engineering institution in the nation, as it was in 1997.

Integrated core program new approach to business

Cal Poly Plan dollars, two years of faculty planning, and the desire to reshape the undergraduate and graduate core curriculum in the College of Business have helped pave the way for a new “integrated” approach to teaching.

In fall 1997, the undergraduate Integrated Business Core Program merged the six core junior-level business courses into one curriculum team taught by eight faculty members over a two-quarter period. Lectures, case discussions, experiential exercises, computer laboratory sessions, and team projects were combined into one module designed to provide an interdisciplinary outlook on the business enterprise, helping students analyze and solve problems from a generalist and company-wide approach.

“We wanted real integration,” says Michael Stebbins, area coordinator and professor of management. “In the design phase, we asked ourselves, ‘What do we jointly want to get out of this?’ And we answered, ‘New things that have never been done before.’”

Stebbins and his team looked at 20 integrated programs at other universities to come up with one tailored for Cal Poly. “We’re pushing the concept as far as we can take it, further than any other program we’ve seen,” says Stebbins.

The graduate-level Integrated Business Core Program is also team taught by eight faculty members. However, its three-quarter schedule replaces the traditional first-year curriculum of MBA required courses.

David Peach, director of graduate management programs in the College of Business, says the two goals of the MBA integrated program are to reduce the size of the core curriculum from 48 units to 36 units and to offer more dual master’s degree programs. “We want to do more with less,” he says.

After completion of this experimental program, Peach says that students will have a better sense of how the different pieces of management relate to each other. “Students are learning how to learn differently,” he says. “They’ll see the synergistic effects, not just marketing.”

According to William Boynton, dean of the College of Business, the program is a result of a huge development effort that, in addition to Plan dollars, wouldn’t be possible without funding from private support. These funding sources allow the College of Business to hire additional lecturers and purchase specialized materials like case studies and videotapes.

“Change is alive and well at Cal Poly,” Peach says. “It’s not business as usual.”
SPORTS ROUNDUP

SOCCER

• The Cal Poly men's soccer team finished the season 7-10 overall and 4-2 in the Mountain Pacific Sports Federation. The Mustangs captured the Metlife Classic Tournament in San Diego in September with wins over San Diego and UC Santa Barbara. Senior Danny Hill and freshman James Newton scored both Mustang goals in Cal Poly's 2-0 win over 18th-ranked USD, while goalkeeper Greg Connell was named tournament MVP.

• The women's soccer team went 15-6 overall and finished second in the Big West Conference, with a 5-1 league mark. Junior Gina Oceguera led the Mustangs with 13 goals and 32 total points in 1997, the second-highest total in both categories in school history. She was named Big West Player of the Year at the end of the season, and coach Alex Crozier was named Co-Coach of the Year for the second time.

VOLLEYBALL

• The women's volleyball team wrapped up its best season in years with a 17-11 record, and advanced to the Big West Conference tournament second round with a 3-0 win over Idaho. Sophomore Karl DeSoto was named to the All-Conference first team, and freshman Melanie Hathaway was named to the conference's second and all-freshman teams.

CROSS COUNTRY

• The men's and women's cross country teams had a strong fall season. The men's team captured the title of the Cal Poly Invitational by edging out UC Berkeley 43-40, while the women's team gave a solid performance at the Stanford Invitational, with senior Lori Fancon placing 13th overall in a field that included many of the nation's best runners.

FOOTBALL

• The Mustangs, under first-year coach Larry Welsh, went 10-1 and finished the season ranked 16th in Division I-AA, although they weren't selected to participate in the NCAA playoffs. A near-perfect passing game and a powerful running game contributed to one of the nation's best offenses, with quarterback Alii Abrew finishing the season as the nation's top-ranked passer, and running backs Antonio Warren and Craig Young rushing for more than 1,000 yards each.

• The Mustangs jumped out to the best start since 1975 this season, winning seven straight, including a road win at Division I-A New Mexico State, where kicker Alan Beilke booted a 34-yarder in overtime to lead the Mustangs to the win. And Beilke would later be the hero again on Nov. 8, when he kicked a 50-yard field goal with no time left on the clock, to give Cal Poly a dramatic 20-19 win at Montana State.
Mott Gym to offer improvements

A renovation of Mott Gym, including new seating, concessions, and other improvements, is expected to be completed for the 1998 basketball season.

The remodel was requested by the Big West Conference when Cal Poly was accepted to that conference, and also reflects the university's desire to improve its athletic facilities to a level more suitable for NCAA Division I competition.

The anticipated cost will be approximately $1.2 million. The private funds will be raised through a combination of major gifts, associated with various recognition opportunities within the facility, and the sale of up to 800 chair-back seats.

Prime seats from which to cheer on the Jeff Schneider-led competitive Mustangs can be reserved for a specific number of years with the seat option program. The cost is $750 per seat (plus an annual Stampede Club membership fee of $500). The seats are reserved for five or six years, depending on the payment plan chosen.

For additional information, call the Athletic Advancement Office at 805/756-7194 or 805/756-2144. ☑
Sports complex construction to begin this spring

Groundbreaking is set this spring for a multi-purpose sports complex to include baseball and softball stadiums and six general-purpose recreation and practice fields.

The $9 million complex is funded by student body recreation fees and private donations.

New academic and support buildings on campus have squeezed out recreational space that was already in short supply because the play areas were originally designed for a student body half the size of the university's current 17,000.

With open spaces shrinking on campus over the past six-plus years, outdoor recreational activity has been reduced by about 50 percent, the university estimates. Lacking campus resources, student clubs and organizations have tended to overuse facilities in the nearby community.

The new sports complex will provide open fields for intramural and recreational sports while making space available for intercollegiate team practice and competition in baseball, softball, and soccer. The university's football squad will also practice in the area.

Three champs named to Hall of Fame

A former head football coach and athletic director, and two alumni — one recognized for his boxing skills, the other for his football prowess — are new members of Cal Poly's Athletic Hall of Fame.

Joe Harper served as head football coach from 1968 to 1981 and as athletic director from 1968 to 1973. He is the winningest coach in Cal Poly football history, with 96 wins in 14 seasons.

Frank Loducca (CRSC '58) is remembered as one of the university's all-time greatest boxers. He was the Pacific Coast Invitational champion, a two-time NCAA finalist, and the Pacific Coast Intercollegiate Conference Champion during the late 1950s.

Dana Nafziger (BUS '82) was a three-time All-California Collegiate Athletic Association selection in football and a First-Team All-CCAA selection in 1976. He finished his Cal Poly career with 63 receptions for 882 yards and six touchdowns.

Burger King scholarship awarded to Cal Poly senior

Matt Oliver, an ecology and systematic biology senior, was presented with a 1997 Burger King Football Scholarship during Cal Poly's final home game against Sacramento State. The university received a $10,000 donation to the school's general scholarship fund in Oliver's name.

For the third straight year, Burger King donated a total of $1 million to general scholarship funds in honor of college football seniors who maintain high academic standards, excel on the field, and are actively involved in the community.
1997 Honored Alumni

The 1997 class of honored alumni: Inset, Nevada Barr (Photo by T. Bennett Photography). Left to right: Ken Rodrigues, Lewis Cryer, Tom Bordonaro, Lori Holland, and Candice Hatch (Photo by Doug Allen).

> “Cal Poly gave me the spirit to overcome adversity and strive to be my best.”
  - Tom Bordonaro Jr., Agribusiness ’82
  College of Agriculture
A Republican elected as assemblyman in 1994 to represent San Luis Obispo County and parts of Santa Barbara County, Tom Bordonaro serves as vice chair of the Governmental Organization Committee. During his legislative career, he has voted to reduce taxes for both individuals and businesses, worked on family and education issues, and requested funds to expand Vandenberg Air Force Base.

> “Cal Poly emphasizes educating the mind and learning by doing. Both are invaluable to architects, enabling us to both design and build.”
  - Kenneth A. Rodrigues, Architecture ’76
  College of Architecture and Environmental Design
Kenneth Rodrigues is the founder and president of Kenneth Rodrigues & Partners of San Jose. The designer of many notable projects, he is currently designing the Netscape World Headquarters, a 30-acre, $33 million facility in Mountain View, Calif.

> “I’m a firm believer in Cal Poly’s learn-by-doing concept, both in my life and my career.”
  - Lori Holland, Economics ’81
  College of Business
Lori Holland is chief operating officer and chief financial officer of Wood Associates Inc., a full-service promotion company. She has helped establish manufacturing operations in Asia; completed three major international acquisitions and many debt and lease financings; and developed, implemented, and managed information systems worldwide.

> “Cal Poly helped me learn how to learn and gave me a foundation for my life and career.”
  - Candice L. Hatch, Environmental Engineering ’75
  College of Engineering
Candice Hatch is a registered professional engineer and vice president and Northwest forest products manager for CH2M Hill, an engineering consulting firm. She is responsible for business development, project execution, and business operations pertaining to air quality consulting services nationwide.

> “I’ve lived by the beauty and profit of retaining a willingness to learn.”
  - Nevada Barr, Speech Communication ’74
  College of Liberal Arts

> “A day doesn’t go by that I don’t reflect on something positive that happened while I was in San Luis Obispo.”
  - Lewis Cryer, Physical Education ’66
  College of Science and Mathematics
Lewis Cryer is president and chief operating and executive officer of the Professional Rodeo Cowboys Association Properties Inc. (PRCAP), which oversees television production, advertising sales, and network negotiations for rodeo coverage on ESPN and ESPN2. He is also president of the Pro Rodeo Hall of Fame and Museum of the American Cowboy, and president of the Justin Cowboy Crisis Fund.
Danny Gans makes a good impression
by Joanne N. Sbranti-Estrada (JOUR ’78)

As he sang in the showers of Jespersen Hall, Danny Gans’ voice would waft through the halls of the old jock dorm. The Cal Poly baseball star had a knack for impersonating famous people, and Jespersen was where he first honed his talent.

“They had great showers there,” Gans recalls. “The water would come out so hard it would take your skin right off, but I’d stay in there 30 to 40 minutes just singing.”

He also hung out on Jespersen’s fire escape, gazing over the football field as he mimicked the voices and mannerisms of John Wayne, Ed Sullivan, Sylvester Stallone, and others.

“I tried out my material on everybody — in the dining hall, at the ballpark, during class,” the 41-year-old Gans says. “But I never really thought I would do it professionally.”

What Gans did for kicks at Cal Poly in 1977 and 1978 he now does for sold-out crowds and standing ovations in Las Vegas.

Gans has one of Nevada’s hottest acts. His “Man of Many Voices” show at the Rio has earned him honors like Las Vegas Entertainer of the Year, Headliner of the Year, Show of the Year, Best of Las Vegas Critics’ Choice, and Best of Las Vegas People’s Choice.

“For 18 years I’ve been trying to make it. Now it’s really starting to happen for me,” Gans says.

It hasn’t been easy, and it wasn’t what he dreamed about when he transferred to Cal Poly as a left-handed power hitter in 1976. His focus then was completely on baseball.

“In my mind, not only was I going to make it to the major leagues, but I was going to be one of the best that ever played,” confides Gans, whose Cal Poly teammate was baseball all-star Ozzie Smith.

After his second season with the Mustangs, Gans was drafted by the Los Angeles Dodgers and entered the minor leagues.

“Within the first month of the season, I was leading the minor leagues in home runs. There was talk of me being traded to the San Diego Padres and going up to the major leagues before the end of the season,” Gans says. “Everything looked fantastic. Then I was playing first base and a guy running down the line spiked me, went over my heel, and severed my Achilles tendon. That was the last time I played ball.”

The career-ending injury reminded him of advice once offered by Cal Poly Education Professor Lou Pippin.

“Professor Pippin sat me down one time and said, ‘You need to think about what you’re going to do when baseball is over. You should really consider trying to do [impersonations] professionally,’” Gans recalls. “He encouraged me. We’d have five minutes left in class, and he’d say, ‘Hey, Danny, want to get up and try out some of your material?’”

That led to Gans’ first nightclub experience at The Dark Room in downtown San Luis Obispo, where his fledgling act was a mix of comic impersonations and songs.

“I’d do Elvis with some of the ball players singing doo-wop in the background,” Gans says.

With his baseball career over, Gans began taking his act seriously.

“I realized I had to do things other guys weren’t doing,” Gans says. “That’s when I really focused on singing impressions.”

For more than 15 years, he toured the country, traveling more than 200 days to nightclubs and corporate conventions. He also did a stint on Broadway, and played a recurring role as a medical examiner on USA Network’s “Silk Stalkings.”

Now his 85-minute act is packed with music, and his repertoire includes 300-plus voices. Backed by a three-piece combo, Gans uses his incredibly versatile

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Danny Gans . . .
continued from page 26

voice to sing like Tom Jones, Randy Travis, Garth Brooks, Anita Baker, Prince, Stevie Wonder, George Burns, Willie Nelson, Kermit the Frog, Rod Stewart, Billy Joel, Johnny Mathis, Natalie and Nat King Cole, Frank Sinatra, Tony Bennett, Michael Jackson, and dozens of others.

His long-term gig at the Rio, which began about two years ago, ended most of his hectic traveling. He and his wife, Julie (Russell) Gans (HE '80), and their three children now split their time between homes in Las Vegas and Los Angeles.

Rediscover the life you left behind. The city of San Luis Obispo invites all alums to consider establishing or expanding their businesses in the home of their alma mater. Whether you graduated two or 20 years ago, you will undoubtedly recall the special quality of life that you enjoyed in San Luis Obispo.

As part of the city's economic development program, the City Council recently adopted a business recruitment strategy that identifies industries matching the character, environment, employment, and product needs of its residents. The three primary target clusters include computer software/multimedia, light manufacturing/light industrial, and business/customer service centers. The city is also working to develop the airport area into an attractive, future-oriented business center.

The city of San Luis Obispo is proud to be the home for the many businesses and industries who have chosen to put their roots down into the community. For more information regarding business development opportunities, contact Diane K. Sheeley at 805/781-7174; e-mail: dsheeley@slonet.org.

Note to Alumni re Shared Information

Please note that your name, address, phone number, school or college, and year of graduation may be used by Cal Poly for the development of university-affiliated marketing programs. If you do not wish to have this information used, please notify Advancement Services, Cal Poly, San Luis Obispo, CA 93407 in writing.
New director selected for Alumni Relations

Ben Beesley (SOCS ’86) is the new director of the Alumni Relations office. Previously he served as the interim director for nine months, associate director for two years, and assistant director for two and a half years. From 1989 to 1993 he was a volunteer on the Alumni Association’s board of directors. Goals for Beesley and his staff include hiring an associate director and a student program coordinator, increasing volunteers and association memberships, and securing long-term affinity partners.

ATTENTION PILOTS

Cal Poly alumni and friends’ First Annual Fly-In is scheduled for Castle Airport (formerly Castle Air Force Base) in Merced, on Saturday, June 27. Come enjoy a barbecue lunch, the company of fellow alumni, and special guest speaker former NASA Astronaut Robert L. “Hoot” Gibson (AERO ’69). Experience flight simulators, a tour of the air museum, and much more.

For more details, contact Ben Beesley, Alumni Relations director, at 805/756-2586.

“Joyride” rolls to win in Rose Parade

Cal Poly’s 50th Rose Parade entry, “Countryside Joyride,” was a big winner in Pasadena on New Year’s Day. The float, built by students from Cal Poly San Luis Obispo and Cal Poly Pomona, received the Founders’ Trophy, the award given to the most beautiful entry built by volunteers. This is the second consecutive year Cal Poly has captured the trophy, and the seventh time overall.

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E-mail: ksutherl@calpoly.edu
Leopold Wrasse: A portrait

by Donald L. McCaleb (M.A. ED '70)

On a hot San Joaquin Valley day in October 1936, ag professor Harold Wilson wiped the sweat from his forehead and turned his dusty state-issue Chevy onto the oiled dirt road leading north out of Caruthers. He was on a mission from Cal Poly.

Five miles out of town, he drove into the yard of an unpainted shack and honked the horn. When no one came out to meet him, he walked across and opened the screen door.

Inside, it was dim. Copies of the Fresno Republican and paper trays of raisins were stacked neatly to the ceiling, covering the windows. Wilson heard someone behind him and turned to greet the object of his visit — a slightly built old man wearing only khaki work pants. His hair was clean but ill-cut, his skin leathery, his face and neck covered with a moustache and beard.

It was the first visit by Wilson to the vineyard owned by Leopold Wrasse, the German immigrant who eventually became the first great benefactor of Cal Poly agriculture students.

Wilson recalls that he had first met Wrasse a few months earlier during a Future Farmers of America gathering at Cal Poly. Afterward, President Julian McPhee asked Wilson to go to Caruthers and bring Wrasse to campus, and the relationship between the university and the former carpenter grew closer.

Those who knew him described Wrasse as a Christian who revered the Sermon on the Mount but didn't believe in churches, a loner who loved his rigorous life among the grapevines, a frugal man who wanted to instill in young people a respect for agriculture, hard work, and thrift.

Relating Wrasse's colorful life story during a 1961 campus dinner honoring his friend's memory, the late Fresno mayor Arthur L. Selland described Wrasse as an eccentric.

"A bachelor until his death, he had a yearly income of more than $80,000, yet lived on $7.50 a month for food and clothing," said Selland. "His main diet consisted of dried raisins and bread, with occasionally a box of graham crackers or fresh fruit and vegetables."

Selland said Wrasse amassed a fortune through a variety of investments, including life insurance policies, savings accounts, and first mortgages.

In addition to his gifts to Cal Poly (starting with a student loan fund in 1938), he donated thousands of dollars to the FFA, 4-H clubs, the Red Cross, and the Salvation Army. And until World War II he sent $1,800 per month to relatives in Germany.

Following Wrasse's death at age 96 in 1945, it took more than 10 years to untangle legal problems before his will could be executed. When they were resolved, Wrasse had left more than $500,000 — all but $40,000 of his estate — to Cal Poly.

Since 1957, when students first received $500 scholarships from the Wrasse Trust Funds, an estimated 5,200 awards valued at almost $3.7 million have helped prepare Cal Poly graduates for agriculturally related careers.

Prudent investments have increased Wrasse's gift to just under $4 million. Last year alone 175 students were awarded $1,000 each from the Leopold Wrasse Scholarship program. Smaller numbers of grants came from two other programs, the Special Wrasse Scholarships (for outstanding first-year agriculture students) and the Dean's Discretionary Scholarships.

For 60 years Leopold Wrasse's kindness and generosity have been helping students reach their life goals. As the writer of one university publication put it a few years back, "His undying monument exists in the lives of Cal Poly men and women."
Cal Poly Fund again shows increase

Cal Poly alumni once again increased their giving to the colleges and the University Center for Teacher Education over the six-month period from July 1 through December 31. A total of $501,351 as of December 31 provided a 38.7% increase over the 1996-97 total of $361,444 in the same areas. The total in 1995-96 was $158,575. For more information on how you can contribute to the Cal Poly Fund, call us at 805/756-6448.

A Leader in Education
The Cal Poly Fund
An Education for Leaders

GIFTS

- Nestle Food Co. donated $405,000 worth of scientific equipment and supplies to Cal Poly’s food science and nutrition program, enabling the creation of a state-of-the-art Food Science Lab that Professor Joe Montecalvo calls “the pride of the California State University system.” With equipment such as gas and high-pressure liquid chromatography units, students can analyze the fat content of foods in classes that teach food chemistry and food analysis in a hands-on approach. “Most universities that have such equipment are research-based, and the closest undergraduate students get to it is through a demonstration by a technician,” says Montecalvo.

- The Foodsters, a Northern California association of food industry executives whose membership includes many Cal Poly alumni, has endowed a $12,000 scholarship fund in the College of Agriculture to educate future industry leaders. This year $750 will be awarded to a student in the Food Science and Nutrition Department interested in working in the Northern California’s food processing industry. The goal is to raise the fund to $50,000 and increase the annual student award to $2,000.

- The parent of a Cal Poly alum made an anonymous gift of $300,000 in appreciated securities to fund a charitable gift annuity that will make fixed income payments to the donor for her lifetime, enabling her to increase her previous income from these assets by a factor of five, avoid capital gains taxes on a significant portion of her appreciation in the assets and receive favorable tax treatment on the remainder, and earn a substantial charitable income tax deduction. After her death, the remaining funds will create an endowment to provide support to the College of Engineering.
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- a substantial charitable income tax deduction
- reduction in capital gains taxes
- satisfaction in providing for the future of Cal Poly

For additional information on Cal Poly life income plans, please call or write:

Michael McCormack, Director of Planned Giving and Endowments
Cal Poly, San Luis Obispo, CA 93407
Phone 805/756-7125 • Fax 805/756-2711

Owen L. Servatius Scholarship

Retired Professor Owen Servatius and the recipient of the first Owen L. Servatius Scholarship, Elena Salguero-Alcantar, at the Homecoming weekend dinner honoring both. The Servatius Scholarship recognizes College of Business students with good grades who demonstrate financial need and good citizenship, with preference going to a student who is the first family member to attend a four-year institution. Servatius retired from Cal Poly in 1983 after 36 years of service to the university. He was an assistant to former President Julian McPhee, taught business, and was acting dean of the School of Business and Social Sciences.

(Staff photo by David Wood)
Morrises present gifts

Don Morris (University Center for Teacher Education professor emeritus) and his wife, Jean, stand in the Administration Building lobby in front of the plaque they restored and presented to the university last fall. A commendation to Cal Poly by the U.S. Navy for training naval personnel during World War II, the plaque was awarded to the university circa 1943 and was recovered by Morris several years later when he was director of student housing.

The Morrises have also created an endowment with a $10,000 gift of appreciated securities to support the Athletic Hall of Fame, and are in the process of enlarging, laminating, and matting the photos of the 50 Hall of Fame members to complement plaques hanging in the second-floor hallway of Mott Gym. During his 42 years at Cal Poly, Morris was instrumental in developing the Athletic Hall of Fame concept, subsequently serving as president and currently as a member of the selection committee.

(Photograph ©1997 Gordon L. Balla Photography)

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*Based upon a single beneficiary.
Rates are slightly lower when two beneficiaries are designated.

For additional information, contact Michael McCormack, Director of Planned Giving, Cal Poly, San Luis Obispo, CA 93407-0481 (phone 805/756-7125; fax 805/756-2711).
'40s
- Joel H. Gregowski (AERO '49) has been retired for 15 years after working as engineering manager for Dalmo Victor Electronics Co. He lives in Elk Grove.

'50s
- Robert A. Brunner (EL '50) retired in 1985 and lives in Atascadero. - John M. Cummings (OH '50) teaches at Rutgers, Cook College of Agriculture, and also consults. He lives in Clinton, N.J.
- Gordon L. Ray (PE '50) retired after 40 years in education. He received the highest award given to an educator by the Association of California School Administrators. Ray is a consultant and lives in Salinas.
- James A. Young (ME '50) is owner/manager of the Young Development Co. Inc. in Santa Cruz. He is “71 years old and happily still working — using the skills and knowledge acquired at Cal Poly.”
- Jasmine James Baggao (EE '51) has been retired for 15 years after working as engineering manager for Dalmo Victor Electronics Co. He lives in Elk Grove.

'60s
- Carrol R. Pruett (ASCI '60) was selected as one of the first inductees into the Hall of Fame of the Pacific Coast Banking School at the University of Washington in Seattle. The honor was established to recognize PCBS graduates “who have made significant contributions to the banking industry, to their bank, and to their communities.”
- Gary L. Schlaich (AERO '60) is a consultant in security systems design, industrial instrumentation and control, and contract compliance services. He lives in Sunnyvale.
- Joe Faver (EL, MATH '61) retired from SSE Technologies as a quality assurance director and now consults. He is married with two grown daughters who are Cal Poly graduates: Katherine J. (Faver) McCown (BUS '89) lives in Newark, Calif., and Lisa (Faver) Jones (ED '91) lives in San Jose.
- John P. Hartnett (CHEM '61) attended graduate school at Cornell University and worked for Rohm & Haas Co. Hartnett is married with two grown children and lives in Chalfont, Pa.
- Howard A. Knost Jr. (MATH '61) retired from teaching in the Taft City School District. He is married with three children and enjoys touring and mountain biking.
- John M. McSwain (PSC '62) is president and CEO of Phystron Inc. in Huntsville, Ala. The company, which he co-founded in 1985, supports Army, Navy, and NASA programs. His wife Marjie (Gates) McSwain, who studied education in 1962, is a home-schooling consultant. They have four daughters and seven grandchildren.
- Robert W. Norton (JOUR '62) was honored
last summer by the USDA as the leader of the Agricultural Research Service information staff team that conceived and executed the campaign “Science in your shopping cart.” He retired after 35 years of civilian federal service and lives in Punta Gorda, Fla., with his wife.

- **John C. Wofford (BIO ’62)** received a Ph.D. from American University. He is a retired science resource teacher from Albert Einstein High School in Kensington, Md., and lives in Silver Spring. • **Rolph H. Keethn (EL ’64)** is retired and living in Goleta. He served as the lead electronics engineer for the Mars global surveyor thermal emission spectrometer. • **Barbara J. Percy (HE ’63, CRED ’64)** has been married for 25 years to a Vermont dairy farmer and maple syrup producer. She lives with her family in Stowe, Vt. • **Michael A. Maguire (ME ’65)** is director of engineering at J.R. Schneider Co. Inc. He also has a PE license and a project management professional certificate. He lives in Mill Valley.

- **Christine (Iversen) McParland (PE ’65)** teaches at Jessie Baker School in Elk Grove. She is a co-founder, director, and instructor for Project RIDE, a therapeutic horseback riding program. • **Robert Nigra (BUS ’65)** is semi-retired and is moving into his beach-front condominium on Monterey Bay, where he will “let the sound of the surf” put him to sleep at night and wake him up in the morning.

- **Roger F. Stuck (EL ’65)** is retired from IBM and lives in Mesa, Ariz.

- **Richard C. Bostdorff (BUS ’66)** is chief operating officer of Nevada Bell, a subsidiary of SBC Communications. • **Tom Brians (ASCI ’66)** is technical services manager for Innovative Molding in Sebastopol (a small company that makes screw-thread bottle caps and lids) and has patented a new closure for wine bottles. Brians lives in Petaluma. • **Ronald M. Jackson (EL ’66)** retired to Palm Desert after 31 years with Unocal Corp. • **Fred L. Menz (ME ’66)** retired from the Department of Defense after 30 years. The last 13 years he was director of conventional weapons science and technology in the Office of the Secretary of Defense at the Pentagon. Menz lives in Ellicott City, Md., where he and his wife are realtors. • **Russell H. Jones (MET ’67)** was elected a fellow of ASM International in September 1997 for his outstanding contributions to the understanding of environmental effects and grain boundary chemistry on crack growth of metals, alloys, and ceramics. Jones is a senior staff scientist and senior technical group manager of structural materials research at Pacific Northwest National Laboratory in Richland, Wash.

- **Erick N. Larson (ARCE ’67)**, a senior civil engineer with Pacific Gas & Electric, was elected a fellow of the American Concrete Institute in recognition of outstanding contributions to concrete technology.

- **W. John Mortensen (AGSC ’67)** teaches agriculture at Crater High School in Central Point, Ore. His son, **Chris J. Mortensen (ASCII ’95)**, is a first lieutenant at Ft. Lewis in charge of his brigade as chemical officer. • **Dwight Perry (GRC ’67)** has owned Perry’s Creative Printing Inc. for 28 years, and Centerpress Service Co. for 12 years. His volunteer work in Guatemala, El Salvador, Costa Rica, and Belize earned him the Service Above Self award from the Castro Valley Rotary Club. • **Barry L. Cohen (OH ’69)**, owner/president of B.L. Cohen Landscape Co. Inc., was honored with a special award from Cal Poly’s agriculture fraternity, Alpha Zeta. Cohen lives in Saratoga. • **Thomas R. Coutlas (CRSC ’69, M.S. AGRI ’75)** is an agricultural examiner with Union Bank of California in Sacramento. In 1997 he was awarded the Accredited Agricultural Consultant designation from the American Society of Farm Managers and Rural Appraisers.

- **Gary Dove (IT ’69)** celebrated 15 years in his manufacturing business, Dove Systems, which builds entertainment lighting control equipment used in schools and theaters nationwide, including at Cal Poly and the San Luis Obispo Little Theatre. He is married to **Cheryl Perry (M.A. ED ’78)** and lives in Los Osos.

- **Alan C. Spencer (EE ’69)** is a partner at Aletheia Engineering in Albuquerque, N.M.

- [In the fall 1997 issue, information about Neil G. Rains (ARCH ’65) was printed incorrectly. Rains was appointed the building official for the city of Concord in April 1997. Previously he served as the building official in Fresno and as the assistant building superintendent for the city and county of San Francisco after 16 years as a private architect.]

- **John Hoos (EL ’70, M.S. MATH ’72)** has retired from Hughes Aircraft after more than 24 years. He is currently vice president/deputy director, Space Surveillance Sector, for GenCorp-Aerojet. Hoos lives with his wife, **Susan (Penniman) Hoos (CD ’72)**, in West Hills.

- **Amanullah Khawaja**, who studied electrical engineering in 1970, works as a process and technology engineer in semiconductor facilities for Quantum Corp. in Milpitas. He has four daughters and resides in San Jose. • **Robert K. Leonard (BUS ’70)** is executive director of the Chamber of Commerce in Fallbrook. • **Robert W. Prasil Jr. (BCHEM ’70)** is executive vice president of Idaho Beverages Inc., a manufacturer and distributor of Pepsi-Cola products in Idaho, Washington, and Oregon. Prasil also owns and operates two Idaho radio stations. He lives with his family in Lewiston, Idaho.

- **David L. Wilson (ME ’70)** was promoted to gas construction supervisor for Pacific Gas & Electric. He lives in Merced. • **Howard A Bain III (BUS ’71)** was promoted to vice president of worldwide operations and CFO for Symantec Corp., a microcomputer business software company. He lives in Los Gatos. • **Linda M. Bradford**
Di s honorin g Your Par e nts.

**John Guidotti (AGB ’74)**

Tokunaga Our

**Hinman (NRM ’71)** has worked in the forest products industry since 1972 and is employed with Eastside Logging Inc. He lives in Susanville with his wife of 27 years, Marlene (Dower) Hinman (HE ’71).

**William T. Holmes (AERO ’71)** is owner and general manager of Synergy Enterprises, a company that develops Web sites. He lives in Quartz Hill. **Richard W. McClelland (BIO ’71)** is a USDA plant quarantine officer, Mexican border, in San Diego. He lives in Chula Vista. **Harold R. Terry (AGRI ’71)** ranches with his wife and son in Azalea, Ore., and is a manager for Mock Ford. **Deborah Dale Hodgkin (PE ’72)** is a certified emergency medical technician. She also has her real estate broker’s license and standard teaching credential. She lives in Los Osos. **John M. Tiffin (BUS ’72)** is the pastor at the Baywood Community Church in Los Osos, where he has lived with his wife and five children for the past eight years. **G. Thomas Overman (MATH ’72)** retired in 1995 from MIT/Lincoln Laboratory. He resides in Naples, Fla. **Steven C. Ristol (EE ’72)** is a senior construction engineer with Bechtel in Korea. He lives in Kyong-Bak, Korea. **Paul Tokunaga (JOUR ’73)** is in his 25th year with InterVarsity Christian Fellowship. In July 1997 he became the national Asian-American ministry coordinator/national communication and project consultant. InterVarsity Press has set a spring 1998 publication date for his book, *Following Jesus Without Dishonoring Your Parents*. Tokunaga lives in Decatur, Ga., with his wife and son. **Russ Carey (ENVE ’74)** earned his MBA from Golden Gate University in 1997 and was promoted to California division manager for Kleinfelder Inc.’s 22 state offices. He lives in Gold River. **John Guidotti (AGB ’74)** was promoted to vice president of Wells Fargo Bank. He also has a real estate appraiser’s license for farm appraisals. He lives in Salinas with his wife and two sons. **Michael H. Loudon (AGB ’74)** is senior vice president of sales and marketing for American Seafoods Co. in Seattle.

**Tom G. McCabe (IT ’74) and Linda (Kumets) McCabe (NSCI ’77)** celebrated 19 years of marriage. Tom is vice president of operations at Vitatech International Inc., a pharmaceutical company, and Linda stays busy with two teenage daughters. Their affiliations with Delta Upsilon, the Industrial Technology Exchange Group, Pacific Technology Exchange Group, and A.L.E.P. keep them in touch with Cal Poly. They live in Yorba Linda. **Víctor Paz (BUS ’74)** works for Snap-On Tools in Tijuana, B.C., Mexico. **James F. Voight Jr. (AGB ’74)** is vice president of operations and engineering of the Grain Division for Archer Daniels Midland Co. in Decatur, Ill.

**Aaron J. Baggao (ET ’75)** is a project manager in INTEL’s new Construction Division. Previously he was an environmental/clean-room project engineer and HVAC mechanical contractor working on nuclear submarines. He lives with his wife and young son in Hillsboro, Ore. **Karen M. Gentilucci (BCHM ’75)** has her own consulting company, KM Gentilucci Inc., which specializes in food industry quality and safety. Her goal is to raise awareness to new threats posed by emerging pathogens. She lives in Sandpoint, Idaho. **Richard S. Kriwanek (ENVE ’75)** owns La Brea Heating and Air Conditioning Co., Inc., a mechanical contracting company that provides custom-designed portable water- and air-controlled systems. He and his wife, Myra (Baggao) Kriwanek (BUS ’75), have two grown children, one of whom is ready to apply to college. “Can you guess where?” ask the Kriwaneks. **David W. McEuen (BUS ’75)** and his wife, Debbie (Marinello) McEuen (HE ’76), live in Clayton. Their daughter, Jessica, entered Cal Poly in fall 1997 as a freshman in the College of Business. **Tim McFarlin (BIO ’75)** earned a master’s in public administration in health services management in August 1997 from Golden Gate University. He is a senior clinical scientist and laboratory information service coordinator at Marin General Hospital. **Janet L. Murphy (ENGL ’75)** has been teaching for 21 years and is English Department chair at Kern Valley High School in Lake Isabella. **Gayle B. Smith (NSCI ’75)** is corporate chief clinical dietitian for Orlando Regional Healthcare System in Orlando, Fla.

**Gaylaird Christopher (ARCH ’76)**, a principal of the architectural firm of Perkins & Will, was selected by Harvard University to lead a summer professional development course, “Public School Planning and Design,” at its Graduate School of Design. Christopher has devoted his career to the improvement of educational facilities. **Robert Gauthier**, who studied business in 1976, was promoted to senior vice president of operations for Capstar Hotel in Denver, where he lives with his wife and two sons. **Mark Meek (BUS ’76)** resigned from Hilti Corp. as vice president of sales after a 20-year tenure and joined Quikwater Inc., a start-up manufacturing and sales organization marketing direct-contact water heaters for industrial applications. Meek lives with his wife in Tulsa.

**Theodore O. Meyer (CHEM ’76)** is etch engineering manager for LSI Logic. He lives with his wife and three sons in Gresham, Ore. **Brian R. Morris (ME ’76)** is a senior project engineer with Foster Farms. He and his wife, Linda (Vetter) Morris (HE ’74), are making Cal Poly a family tradition with their oldest son, Randy, enrolled in the Mechanical Engineering Department in fall 1997. **Lucy M. Sacco (MATH ’76)** earned her M.A. in mathematics education from Cal State Northridge. She lives in La...
Habra. • Stuart Seiden (ARCH '76) joined Visalia Unified School District as assistant director of maintenance/facilities after nearly 15 years in private architecture practice. His wife of 20 years, Mary-Alice Avila (ARCH '76), co-manages the Visalia Community Redevelopment Agency. • Kenneth C. Africa (AGRI '77) is coordinator/instructor at Sonoma Valley School's Hart Learning Center, where he helps students 16 to 80 plus with diplomas, GED programs, and independent study. He is also an instructor at Creekside High School. • Donald R. Fipps (BCHM '77) is senior director for the National Testing and Reference Laboratories of the American Red Cross in Charlotte, N.C. A retired lieutenant colonel, Fipps lives in Matthews, N.C. • Janet L. Laston (HE '77) attended the University of the Pacific in Stockton. She is director of the Shasta County Agriculture Department. She lives in Redding with her husband and two young children. • Kathleen (Reeder) Schlegel (BUS '79) owns and is president of Quality Ventures Inc., a management consulting company in St. Paul, Minn. She is married with one son. • Paula C. Thoren (JOUR '79) is director of sales for the LAN Division at Global Village. She resides in Saratoga.

'80s

• Steven D. Adams (EL '80) is director of engineering for PrimeCo Personal Communications, a new digital, wireless communications service provider based in Dallas, where Adams lives with his wife and young daughter. • Jeffrey P. Goodyear (PE '80) is usher coordinator at the Hult Center for the Performing Arts in Eugene, Ore., and is updating and redesigning the center’s Web site. • Martin J. Healy (AGB '80) is a senior appraiser with The Healy Co. in Beaverton, Ore. • Timothy J. Hicks (AGB '80) received an MBA from Cal State University Northridge in 1990 and works for Bank of America as vice president/commercial loan officer. He attends Southwestern School of Law in Los Angeles, and lives in Granada Hills with his wife and four children. • Richard C. Holzer (ACRE '80) is president of the Irvine office of Glumac International, a mechanical and electrical consulting engineering firm. He and his wife have two daughters. • Cheryl A. Krueger (CSC '80) earned her MBA from the University of Massachusetts.
families build their dream houses. Perring is executive director for the Riverside affiliate of Habitat for Humanity, an international organization since 1975 that recruits volunteers to raise money, donate materials, and help build homes around the world.

"It’s a blessing to have a background in architecture because plans need to be reviewed for consistency and reuse," says Perring. "Nobody was able to provide this skill prior to my arrival — understanding architecture helps a lot.”

In her day-to-day activities, Perring works with families who are prospective new homeowners by assisting them in obtaining mortgages, since the homes built by Habitat for Humanity are sold to them. As the only paid staff person in her office, she also makes frequent presentations to civic groups, balances the budget, coordinates with contractors, and works with a regular volunteer base of 40 to 50 people on boards and committees.

On average, the Riverside affiliate builds four to six homes a year. And on a given house, up to 5,000 volunteers create the structure from start to finish.

Perring says, "This job is a wonderful opportunity to put real people together with families who know they are a part of a community that cares." (Photo courtesy The Press-Enterprise)
Stephen Brugger (ARCH '83) is an architect for Brugger & Neilsen Design Group, a firm in Denmark. • Ellen T. (Douglas) Donahue (REC '83) is director at Altos Village Products. She is married with three children and lives in Los Altos. • Thomas A. Fossum (CE '83) is director of public works/city engineer with the city of Auburn. He published a 1997 article in ENR magazine about an innovative sewer plant rehabilitation project there. He and his family live in Loomis. • J. Michael Hollyday (ARCH '83) is a principal at DesignARC Architects in Santa Barbara. • Donald Kline (ME '83) is plant engineer for HMT Technology Inc., a Fremont-based maker of high-end rigid disk media for hard drives. • David Larsen (ARCH '83) and Heather (Hill) Larsen (ARCH '85) have formed HDL Design, a Roseville-based company that provides space planning and architecture services for local developers and major corporate clients. They have two sons. • Byron Q. Lilly (BUS '83) is senior vice president of strategic planning for Technicolor Inc. in Burbank. • Raul Romo (ET '83) is a test engineer at Raytheon Texas Instruments in Lewisville, Texas. • David D. Miller (GRC '83) and John C. Swain (GRC '82) founded Source Packaging in 1995, a Walnut Creek company that supplies packaging materials to the beverage, beer, food, and wine markets. Miller and Swain also serve as manufacturers’ representatives for several national printing firms. • Natalie K. Porter (CE '83) is a civil engineer with El Dorado County and was appointed to the El Dorado County Transportation Commission in March 1997. • Kathleen (Wiley) Scott (CSC '83) earned an MBA, with honors, from Cal State Long Beach. She is married with two children and volunteers for the American Society for Training and Development. • Barbara M. Sharp (IE '82) is the manager of commercial products for Raytheon Amber, a manufacturer of infrared cameras. She lives in Goleta. • Edward C. Thoma (IT '83) served as vice president of the National Electrical Contractors Association in 1997. His business, Thoma Electric Inc., was recognized as a San Luis Obispo Morning Kiwanis Business of the Year for its contributions to the community. • Susan G. Benjamin (CFD '84) is a stay-at-home mom who lives with her husband and two young sons in Palo Alto. • Staci (Lusky) Garrison (HE '84) works as a facilitator for quality improvement work teams developing clinical and service processes for Medalia HealthCare in Seattle, a primary-care provider network. She lives with her family in Bothwell, Wash. • Joseph F. Grosshart (CE '84) is a senior estimator at Ninteman Construction Co. in San Diego, a private-sector general contractor whose parent company is the Arizona-based Sundt Corp. • Mark B. Leach (ET '84) owns Cam Cruiser Video Productions in Ventura. • Kellie D. Morgantini (NRM '84) resigned after seven years as the city of Greenfield’s community services director. She attends Monterey College of Law. • Robin L. Nelson-Selden (BIO '84) is a general manager for Adaptec, a start-up business in the Silicon Valley, and was honored as an executive woman in technology by theYWCA of Santa Clara County. She resides in Cupertino. • John R. Stauss (BUS '84) is president of Zircon Corp., a Silicon Valley company that manufactures electronic tools for the home improvement and construction industries. • Michelle A. (Jensen) Thordarson (BUS '84) is vice president of development at a software company. She lives in Camarillo with her husband and three children. • Greg Balen (ARCH '85) was promoted to manager of product design and development for Kaufman and Broad Home Corp.’s Northern California and Utah divisions. Balen is a licensed architect in California and Utah, is NCARB-certified, and is a member of the American Institute of Architects. • Michael A. Bengford (REC '85) is the helicopter manager for the state of Montana’s Department of Natural Resources and Conservation. He works out of Missoula’s Fire and Aviation/Southwestern Land Office. • Richard A. Bianchi (CRP '85) is a Valencia-based project manager for Taylor Woodrow Homes in Laguna Hills, where he is responsible for managing the planning, design, and entitlements for Los Angeles County projects. • Salvatore “Tory” Bruno (ME '85) is program and technical manager of solid rocket propulsion for the Navy’s fleet ballistic missile program at Lockheed Martin. He and his wife, Rebecca Grace (Isaacs) Bruno (ME '85), have two children and live in Newark, Calif. • Kathleen Henderson Elwell (BUS '85) is a job developer with Kern County. • Richard Galli (ARCH '85) moved his industrial engineering/architecture practice, Galli+ Associates, and his wife and two young children to Auckland, New Zealand. His firm is engaged in industrial facilities planning, design, system analysis, project administration, and evaluations. • Clifford C. Federspiel (ME '85) received the Ralph G. Nevins Physiology and Human Environment Award from the American Society of Heating, Refrigerating, and Air Conditioning Engineers. The award is given annually to a researcher under age 40 for significant accomplishment in the study of bioenvironmental engineering and its effect on human comfort and health. • Bret C. Gean (ARCH '85) has two young children. He and his family live in Northridge. • Bradley J. Gong (BUS '85) is an independent computer consultant and founder of Thlnc. Solutions in San Francisco.
• Paul C. Ingemells (ME ’85) is project manager at Powell Electrical Manufacturing Co. in Houston, Texas. • Suhil Y. Kandah (CE ’85) works for the County of Santa Clara Roads and Airports Department as an associate traffic engineer. He is married, has three sons, and lives in San Jose. • Kirk Messick (AGB ’85) was promoted to vice president of marketing for Farmers’ Rice Cooperative. • Sharol E. Nelson-Embry (NRM ’85) works as a supervising naturalist for the East Bay Regional Park District at Crab Cove Visitor Center on San Francisco Bay. Her husband, Robert Embry (IT ’85), works at Perclose Inc., managing its facilities and preventative maintenance programs. The couple lives in Alameda with their two young sons. • Kenneth W. Sadler (ARCE ’85) is a partner with ESI/FME Inc., a structural engineering firm in Santa Ana. He and his wife have two young children. • Gary Tagatz (ET ’85) earned an M.A. in economics from Western Illinois University. He works as an applications engineer for Genesis Systems Group in Davenport, Iowa. • Ron Tokunaga (EL ’85) is a senior test engineer at ComStream Corp.’s Satellite Global Access Division in San Diego, where he and his wife live. • Douglas S. Wholton (CFD ’85) is a customer service representative with Citicorp in Kansas City, Mo. • Christina P. Barton (SPC ’86) and her husband celebrated the birth of a second daughter in June 1997. The family lives in Mountain View. • Jay F. Collins (IE ’86) is a project manager at Santa Barbara Research Center. He lives with his wife and infant twins in Santa Barbara. • Denise L. Cotter (BUS ’86) is CFO of Carnegie Agency Inc. of Thousand Oaks. She is married with two young children. • Steve Dunton (EL ’86), a senior staff engineer at Hughes Space and Communications Co. with a master’s of electrical engineering from USC, was selected as spacecraft leader for the UHF F9 spacecraft, a communications satellite scheduled for launch from Cape Canaveral in August 1998. He is married to Michelle (McGarity) Dunton (IE ’86), who works in information services at Hughes, and has earned a master’s in business administration and a master’s in industrial and systems engineering from USC. The couple lives in El Segundo with their young daughter. • James G. Garofalo (CER DSC2 ’86) is a sales representative for AgSource DHI Services. He resides in Arcadia, Wis. • Mark A. Hanf (GRC ’86) is CEO of Tumble Weed Press, a commercial printing company in Denver. Of its 70 employees, four are Cal Poly graduates. Hanf is married and has a daughter. • Leslie J. Hench (BUS ’86) is a consultant for Murdoch & Associates in Santa Clara. She lives with her husband, Jeremiah Hench (ECON ’87), in San Jose. • Judy Hove (ENGL ’86) is a homemaker who lives with her husband and two young daughters in Kearney, Neb. • Judy E. Johnson (ASCI ’86) is a daytime computer operator and tape librarian for San Luis Obispo County. • Joseph L. Kolina (POL S ’86) earned an MBA in finance at Fordham University in 1991 and is now the Asian client representative for IMG, the world’s largest sports marketing firm, where he is responsible for creating new endorsements and promotional opportunities for sports and entertainment clients and recruiting new Asian clients. For 11 years he has been married to Audrey (Beles) Kolina (POL S ’84), who earned her master’s in public administration at the Monterey Institute of International Studies and after 10 years as a journalist with NBC News was named Hong Kong bureau chief. The couple has two children and the family lives in Hong Kong. • Christina F. Landkammer (ASCI ’86) started her own food safety consulting business, Strategies Consulting, “the only one in the state” of Montana. She lives in Missoula. • Margaret Anne Moremen (LS ’86) and Tom Lawrence (ET ’87) were married in August 1997. Margaret Anne earned a master’s in education and a reading specialist credential from Cal State Fullerton and teaches first grade and reading recovery in the Torrance Unified School District. Tom is an engineer at TRW in Redondo Beach. • Scott S. Santala (NRM ’86) is principal owner of Mesa Associates, an environmental services company. He resides in Nipomo. • Debra L. Stoffel (CRSC ’86) earned her master’s in pest management at UC Riverside in 1988. She is the research and development manager at Chemtec in Chico. • Mary Beth (Petney) Weaver (BUS ’86) and M. Cameron Weaver (ME ’86) had their third child and live in San Diego. • Austin Hill (ENGL ’87) works as an on-air personality for KZLA radio in Los Angeles and as a commercial actor with the Levin Talent Agency. He is studying for his master’s degree in ethics from Talbot Theological Seminary in La Mirada. He lives with his wife in Huntington Beach. • Gary Hubbard (ME ’87) left the Silicon Valley for the mountains near Chico to work as a design engineer for a company that manufactures automated woodworking equipment. He lives with his wife and two young daughters in Magalia. • Frank W. Hutchinson (ME ’87) works for San Luis Obispo County and is married to Dana Tryde (ESB ’84). They have two young sons and live in Los Osos. • Mark W. Lange (ME ’87) lives in Stockholm, Sweden, and works with Modular Management, a consulting company in structured product development and business management. He is a part-time project manager and a part-time Ph.D. student at the Royal Institute of Technology. • Denise E. McLean (ASCI ’87) is a retail/hospitality manager at Meridian Vineyards. She lives in Paso Robles. • Kristen McPherson (ET ’87) is a manufacturing development engineer at Hewlett-Packard in Corvallis, Ore. She has
Capt. Victor Sikora (AERO '89) is enjoying his morning coffee in the flight lounge of Hangar No. 3 at Panama's Howard Air Force Base when a beeper breaks the silence.

A suspected drug smuggler's plane has been spotted in the skies over Central America, and the pilots of Operation Coronet Nighthawk have scrambled into action.

Sikora says that the Air Force, with resources strapped by the U.S. military's downsizing but still responsible for missions worldwide, depends heavily on the Air National Guard to staff Operation Coronet Nighthawk. "The fighter operation here is totally a Guard operation."

The 144th Fighter Wing is among several Air National Guard units that carry out drug-interdiction missions for unidentified aircraft and seagoing vessels on a 24-hour basis. Each unit rotates in for a six-week period, with traditional Air Guard citizen/airmen like Sikora performing two-week tours of duty, usually during their annual training.

"They are the backbone of the Guard," Sikora says. "I'm willing to bet that more than 70 percent of the enlisted folks here are traditional Guardsmen, and every single one of the pilots on this tour is an airline pilot.

"We have approximately 65 people down here for deployment at any one time," adds Sikora, who hails from Fresno and is a pilot for United Airlines.

When its tour is up, the 144th Fighter Wing will head back to California. But first another Air Guard unit from somewhere in the United States will have taken the hand-off to keep a 24-hour eye on the skies over Latin America.

The California Air National Guard officer sprints to the cloakroom, where he and another pilot in the Fresno-based 144th Fighter Wing grab their flight gear and race down to the parking lot, hop into a blue Air Force pickup, and are sped 150 yards to the flight line tarmac. They run to a waiting pair of F-16 "Fighting Falcon" jets, clamber up into the cockpits, strap on helmets, and fire up the supersonic fighters' engines.

Directed by the ground crew, the pilots speed through preflight checks and rumble down the taxiway. Within minutes their planes scream down the runway and blast into the sky at a near-vertical climb.

Abridged from a story and photos by Staff Sgt. Dennis McCluster, 113th Mobile Public Affairs Detachment, Virgin Islands Army National Guard
She is married with two children and lives in Clinton, Wash. • Derrick M. Grissom (CRSC '88) is a pest control advisor for Western Farm Service Inc. in Salinas, where he lives with his wife and two young children. • Christi D. Hale (JOUR '88) gave birth to a daughter in February 1997 and is now sales operations manager for AT&T Global Wireless Services. She lives in Seattle with her family. • Linnea Hall (BIO '88) earned her Ph.D. in wildlife ecology from the University of Arizona in 1996 and is working as an assistant professor of wildlife biology at Cal State Sacramento. She and her husband live on a ranch outside Sacramento. • Cheryl S. Pater (BIO '88) received the Registered Veterinary Technician of the Year award, in a non-private practice, from the CVMA. She works at Genentech Inc. as a research associate and participates every year in recruiting Cal Poly students for jobs and internships. • Linda M. (Yaste) Peel (EL '88) works for the Naval Surface Warfare Center in Virginia Beach, Va., where she develops and maintains surveillance radars in the Detection and Tracking Systems Division. She is married with two children. • Dana (Crisp) Roson (LS '88) was married in August 1996 and resides in Pasadena. • Tony T. Salehi (STAT '88) is a contract programmer for various Bay Area biotech companies and a statistical programming consultant at Genentech. He lives with his wife and young child in San Mateo. • Shawn Tibor (ARCH '88) and Diana (Mathews) Tibor (ARCH '88) live in Sacramento, where they are both licensed architects, with their two sons. The Tibors will know they succeeded as parents “when we are driving a packed mini-van down Highway 101, heading for WOW Week!” • Eric D. Tober (PHYS '88) earned a Ph.D. in physics from UC Davis. He is pursuing postdoctoral studies at IBM Almaden Research Center in San Jose, where he lives. • Nancy (Curry) Wein (CE '88) works for Contra Costa County Public Works as an associate civil engineer. She is married with two children and lives in Novato. • Anna Win (ARCH '88) was named principal at Interni Design, an interior architectural design firm in Long Beach. • Jason M. Wulfhorst (BUS '88) is a state income/franchise tax manager for Sun Microsystems Inc. He lives in Campbell. • James R. Wurscher (ARCH '88) is married to Gisela Reimann Wurscher (ARCH '87). They have two children and live in West Linn, Ore. • Cheryl Ades Anspach (EE '89) relocated to Wisconsin with her husband. She works in the Marketing Department of Rockwell Automation/Allen-Bradley. • Shannon (Timmons) Burnett (BUS '89) is on a leave of absence from Oracle Corp., where she is a software consultant. She lives with her husband and young son in Burnsville, Minn., and “would love to hear from any other alums in the Minneapolis area.” • Ellen C. Busch (NSCI '89) is assistant director for the American Red Cross WIC program. She and her husband, Bruce Malarky (CE '90), live in La Mesa. • Shirley A. Clay (ESB '89) substitute teaches high school and middle school in Lakeview, Ore., where she lives with her husband and two young daughters. • Rowena M. Dela Cruz (REC '89) works as an intern architect at Freiheit and Ho Architects in Bellevue, Wash. • John Ferguson (BUS '89) is operations director with Charles Schwab in Denver. He is married with two young sons. • Toby B. Goldman (ASCI '89) is the veterinarian at the Las Vegas, Nev., zoo, and a busy practitioner at a small exotic-animal hospital. He still does the juggling and comedy he started “at the beginning of Farmers’ Market on Higuera Street.” He and his family live in Las Vegas. • Lynne Hasselman (JOUR '89) is a public relations writer for the Oregon Regional Primate Research Center, an NIH facility in Beaverton, Colo. She is studying for a master of public health degree at Portland State University, where she is also a grant writer. • Glenn Jernigan (CHEM '89) moved from Oakland to Alexandria, Va. • John W. Kamb (ARCE '89) works as an engineer for Parsons Brinkerhoff in Boston. He, his wife, and their young daughter live in Somerville, Mass. • Diane Kathleen Kershaw (HE '89) married John C. Kershaw (IT '91) in April 1997. The couple lives in Los Gatos. • Jana Lettman (ARCH '89) has been freelancing in art in the film industry for the past few years, with an eventual goal of production designer. In between movies, she has her own custom decorative painting business. She lives in Los Angeles. • Karen Giovannini Lovell (AM '89) was promoted to manager and assistant vice president at North American Mortgage. She and her husband live in Windsor. • Ted P. Malley (CSCI '89) is director of technology at The Ultimate Software Group. He was married in June 1997 and lives in Los Alamitos. • Brian K. McComas (PHYS '89) works as an electro-optical engineer of technology operations for Ball Aerospace and Technologies Corp., Aerospace Systems Division, in Boulder. • Michael J. Mithen (CM '89) works as a construction manager for the Facilities Project Management Department at Stanford University. • Joan K. Ormonde (PE '89) earned her master’s in physical therapy from University of the Pacific in 1991 and is now the director of physical therapy in a skilled nursing unit in Reno, Nev. She bought a home in Truckee and is “enjoying the great outdoors.” • Lori Parker (ED '89) and Christopher Parker (NSCI '89) live in Browns Valley with their young son. Lori is a writer for Peoplesoft Inc., and Christopher is a hospital administrator. • David Price (MATH '89) is married and teaching college prep math and coaching football at Cherry Creek High School in a Denver suburb. He was nominated for Colorado Teacher...
of the Year in 1996. • Linda Riley (BUS ’89) was promoted to production manager at Geffen Records in Los Angeles, where she has worked since graduating from Cal Poly. • Mark A. Sousa (AERO ’89) is a Navy lieutenant stationed at Pt. Mugu, where he is an operational test director of F-14 aircraft. He lives with his wife in Oxnard. • Ellen M. Voorhees (ENGL ’89) teaches English at Sutter Union High School. She lives with her husband and young son in Arbuckle.

90s

• Charles M. Bauer (SS ’90) is working on his master’s in geology at CSU Bakersfield, where he is also a geology teaching assistant. • Mike Chellsen (BUS ’90) manages eight Central Coast retail stores as general manager of Cellular Source. His wife, Denise (Tobias) Chellsen (MATH ’89, M.S. MATH ’92), teaches part time at Cuesta College. They live in San Luis Obispo with their two young children. • Joseph J. Gonzales (GRC ’90) was appointed mayor of South El Monte after serving on its city council in 1994. He also works as a sales associate for Techcolor Graphics, a commercial web printing company in Chino. • Michael Gorman (AERO ’90) is married and living in Camarillo.

• Randal T. Karraker (JOUR ’90) made a career change in March 1997 from emergency medical service to negotiating employee representation contracts for the city of Burbank’s Employee Relations Management Services Department. • Michael J. Levy (JOUR ’90) is a litigation associate in the law firm of Wilson Sonsini Goodrich and Rosati. He lives in San Jose. • David M. Mason (ET ’90) is a marketing engineer at Applied Aerospace Structures Corporation of Stockton, where he represents the company worldwide to help aircraft manufacturing companies design and build structural aircraft components. He and his wife live in Elk Grove, and he “would love to hear from old Cal Poly friends.” • Susan Negrin (GRC ’90) works for Oracle Corp. as manager of their Creative Programs Web site. She is married with a young child and lives in Castro Valley. • Isabel A. Nunes (GRC ’90) is living and working in Hong Kong as a graphics team manager for one of the largest international infrastructure projects by Bechtel. • Debra G. O’Brien (GRC ’90) is attending the University of Alabama at Birmingham to earn her master’s in art education. • Anne (Patton) Oertli (BS ’90) and Thomas P. Oertli (CFD ’90) were married in March 1997. They live in Burlingame. • Tina Ramos-Ingold (JOUR ’90) is a city news reporter for the Inland Valley Daily Bulletin covering Ontario and Monclair. She was married in August 1997 and lives with her husband in Alta Loma. • Heber Saravia (AERO ’90) earned an M.S. in mechanical engineering from San Jose State and works at Stryker Endoscopy. He lives in San Francisco. • Todd D. Saunders (ARCE ’90) works as a portfolio manager/associate in the Global Asset Allocation Department of Mellon Capital Management in San Francisco. • Yumi Sera (JOUR ’90) is a senior account executive for Blattel/Associates Public Relations Inc. in San Francisco. • Allan A. Soriano (EL ’90) is a senior field applications engineer with National Semiconductor Corp. He lives in Saratoga. • Brendan P. Walsh (HIST ’90) and Camilla J. Amoroso (ENGL ’90) married in August 1997. • Susan E. (Wardrip) Wannenwetsch (BUS ’90) is a merchandise planner for Consolidated Stores. She and her husband live in Columbus, Ohio.

• Robert E. Wilson (REC ’90) is a postal mail carrier. He and his wife live in San Luis Obispo. • James A. Arthur (IE ’91) married in April 1997 and honeymooned in Belize, where he and his wife “swam with whale sharks and giant sea turtles.” They live in San Francisco.

• Kimberly L. (Bowdish) Clacher (CSC ’91) works part time as a secretary at Ahwahnee Chapel and is also self-employed selling New Vision products. She and her husband live in Coarsegold. • Kurt W. Colvin (IE ’91) earned a master’s in industrial engineering from Oregon State University in June 1997 and is now enrolled in the OSU Ph.D. program. He lives with his wife and young daughter in Corvallis. • Ruth M. De Carteret (HD ’91) works as a research assistant for Matrix Institute in a cognitive/behavioral study that examines different types of treatments for cocaine abusers. She lives in Hidden Hills. • John C. D’Ornellas (BUS ’91) was promoted to operations manager in charge of property management, finance, and harbor patrol for the Port San Luis Harbor District. • Dale R. Fendorf (AGB ’91) is a real estate appraiser with the Santa Cruz County assessor. • Jonathan Andrew Haag (AERO ’91) and Kimberly Elste Haag (BIO ’91) have a young son and live in San Pedro. • Jan M. Heinemann (ME ’91) works for ELORET at Moffet Field doing testing on NASA’s X-33 program (the next-generation space shuttle). • Matthew Vik Hoang (ME ’91) earned an MBA in finance from Golden Gate University in May 1997. He is married and living in Oakland. • Stacey Hughes (BUS ’91) works in finance and marketing at Boston Market in Golden, Colo.

• Kathryn R. Johnson (BUS ’91) is CEO at Mentor Training, a software training company in the Silicon Valley. She lives in Sunnyvale. • Kenneth R. Lee Jr. (ME ’91) works at Design Engineering Associates of Nevada designing HVAC and plumbing systems for single- and multiple-occupancy residences and commercial/industrial sites. The company owner and several employees are also Cal Poly alums, which “makes for instant conversation and friendships.” Lee lives in Las Vegas. • Elizabeth M. (Prouty) Albiani (AGB ’92) married Dennis Albiani
(AGB ’93), campaign manager for the Leukemia Society of America. They live in Lockeford. • Albert F. Antaran (AERO ’92) is a Coast Guard helicopter pilot stationed at Air Station Humboldt Bay, McKinleyville. He is married to Carrie L. (Becknell) Antaran (AGB ’92). • Jose F. Arau (ARCH ’92) is project manager at Brand & Allen Architects in San Francisco.

• Todd G. Beguelin (AGB ’92) opened and manages a new Dean Whitter branch in Ojai. • Brant Blower (ARCH ’92) is “still goofing off” in San Francisco. • Jeanine Marie Courtney (HD ’92) is engaged to Chris Tonas, who studied computer science at Cal Poly. • Gina A. (Ferone) Foor (HD ’92) is an instructional technology specialist at Amdahl Corp. She and her husband live in San Jose. • Heather (Mactavish) Freelin (HIST ’92) was married in August 1997 after attending law school at UCLA. She is now a law clerk for a federal judge in Reno, Nev., where she lives. • Amy (Van Mouverlik) Glenn (MATH ’92) works for Lockheed Martin. She and her husband have a young daughter and live in Lafayette, Colo. • Zayda E. (Krueger) Hennessy (AGB ’92) is married to Brian M. Hennessy (ME ’92). They live in Hawaii.

• Susan Jacobson (BUS ’92) moved from Los Angeles to Washington, D.C., to work as manager of special projects for research and planning at Discovery Communications, which operates the Discovery Channel, Learning Channel, Nature Company, and Discovery Channel stores. She says her Cal Poly marketing education has “served her well in the real world.” • Melissa H. (Kawakami) Komadina (HD ’92, M.A. ED ’95) and Michael Komadina (CSC ’94) were married in June 1997. Melissa works at Mills College as an international student advisor and residence director, and Michael is working for CSC Consulting in San Bruno.

• Dominca A. Martin (SPC ’92) has moved to Whidbey Island, Wash., where she plans to take a few years off to be a “professional mom.” • Heather A. Morrison (LS ’92) is a second grade teacher in Ojai. She is married and has two young children. • Brook (Fellows) Oliver (LS ’92) married Paul Oliver (PE ’94) and earned a master’s in counseling, specializing in higher education and career counseling. The couple live in Walnut Creek. • Lorie (Sheer) Phillips (GRC ’92) is owner of Phillips Design Concepts in San Diego. Her husband, Bryan Phillips (FDSC ’92), is a tablet manufacturing liaison for Nutrilite in Buena Park. They have a young son. • Heather Richmond (NSCI ’92) is marketing director for the Woodland Hills-based NewMark Merrill Properties’ Southern California Management, Leasing, and Development Division. • Julie R. Scheiffele (HD ’92) married in 1997 and lives in San Luis Obispo.

• Greg Seelhorst (CM ’92) is a three-year volunteer for Habitat for Humanity International in Africa, where he helps build affordable houses. He is also pursuing a master’s degree by correspondence in cross-cultural studies through Fuller Theological Seminary in Pasadena. • Troy A. Soares (EL ’92) is an analog/digital engineer with Kaiser Electronics in San Jose and is working to qualify for the 1998 Hawaii Ironman Triathlon. • Joseph M. St. Armand III (IT ’92) works as a manufacturing engineer with Newport Corp. in San Luis Obispo. He and Mary Beth Ahern (BIO ’91) have been married four years. • Erin L. Cozzi (BUS ’92) and her husband celebrated the birth of a son in August 1997. • Andrew Schaffner (MATH ’92) obtained his Ph.D. from the University of Washington and is now an assistant professor at Cal Poly. He lives in San Luis Obispo. • Steffan W. Tubbs (JOUR ’92) is an investigative reporter for KOA radio in Denver, where he covered the Oklahoma City bombing trial from inside the courtroom. He is also an ABC radio correspondent handling stories out of the Denver area. He is married to Kristin (Kidd) Tubbs (JOUR ’92), a Denver freelance television producer. • Stephen W. White (MATE ’92) works for Candescent Technologies Corp., a start-up company that is developing a new type of flat panel display. He lives in La Selva Beach. • Ambre (McMillan) Ying (ME ’92) is working at her “dream job” for the Powertrain Department at Toyota’s United States R&D facility, Toyota Technical Center. She and her husband have a young child and live in Huntington Beach. • Mike J. Albaugh (CRSC ’93) is a cropping specialist for John Deere Co. in Minneapolis. He earned an M.S. in agronomy from the University of Wisconsin, Madison. Albaugh lives in Minneapolis with his fiancée, Megan Canty, who studied ecology and systematic biology. • Elizabeth Aloe (JOUR ’93) is an account service coordinator for Cnet, The Computer Network, where she manages online advertising for the Gamecenter and Mediadome Web sites. She lives in San Francisco.

• Leslie M. Canales (BUS ’93) married Lee Harrison (CM ’93) in August 1997. • Kristin (Burnett) Conklin (POLs ’93) lives in Alexandria, Va. • Relsey Corcoran (AGB ’93) earned her MBA with a concentration in marketing at Texas A&M University in May 1997. She lives in Huntington Beach. • Martin A. Desrochers (REC ’93) is operations supervisor on the rides and attractions management team at Luxor Hotel and Casino in Las Vegas, Nev. • Christine Diossado (ARCH ’93) works as a technical advisor at a San Francisco law firm and is enrolled in the geotechnical engineering master’s program at UC Berkeley. • Terence M. Flannigan (LS ’93) is enrolled in the MFCC program at Cal State Fullerton and is employed as a counselor at the Mental Health Association. He lives in Huntington Beach. • Elisa C. Fowler
(FDSC ’93) works at Nestle Brands Foodservice as a quality assurance supervisor. She lives in Boise, Idaho, with her husband. • Debra D. Hamilton (HIST ’93) married Hunt Turner (BUS ’95). Debra works as a senior technical writer for Western Data Systems. They live in Mountain View. • Brian P. Hawkins (AGB ’93) is sales coordinator for Action Technology, a business software developer. He lives with his wife and young daughter in Oakland. • Anna K. Hoffmann (LS ’93) moved back to the Central Coast to teach junior high school math in Santa Maria. • Tracy L. Jewell (BUS ’93) started a home-based consulting and tax business so she could stay home with her young daughter. She and her husband live in San Diego. • Stephanie L. Keller (LS ’93, M.A. ED ’96) lives in Walnut Creek and teaches fifth grade. • Amy C. Kinsey (MCRO ’93) is a clinical assistant in the clinical affairs section of Amgen Foundation in Thousand Oaks. • Justine (Justad) Larsen (HE ’93) and her husband, Scott Larsen, who studied graphic communications in 1987, own and operate Parlor News Coffeehouse in Powell, Wyo., where they live. Both were members of the KCPR staff while at Cal Poly. • Lillian Louie (ENGL ’93) is an account manager at Purdom Public Relations, a high-tech PR agency, in South San Francisco. • Brent Matheny (STAT ’93) is a principal for American Management Systems. He lives in Belmont. • Judy Nagai (HE ’93) earned her master of education degree in higher education and student affairs administration from the University of Vermont. She works as coordinator of student life at the University of Richmond. • Anne Oberg (REC ’93) lives in Walnut Creek and teaches third grade in Lafayette. • Lara L. Paskins (GRC ’93) works as an account manager for a marketing company that handles luxury travel. She lives in Seattle. • Pamela Ryan-Hicks (BIO ’93) works as a dental hygienist for Fremont Dental Group. She and her husband, Adrian William Hicks (CS ’94), live in the Bay Area with their two young children. • Nels C. Rydberg (PE ’93) is an assistant women’s volleyball coach at the University of Oregon. He lives in Eugene. • Alyssa K. Arnold (LS ’94) is employed by American Re-Insurance and lives in San Francisco. • Jeffrey Chan (ME ’94) is a controls field engineer with General Electric, where his responsibilities include installation and start-up of control systems in countries like India, Saudi Arabia, the People’s Republic of China, and England. • Daniel Dasig (BIO ’94) is a biologist at Stanford University’s in vitro fertilization program in the Department of Gynecology and Obstetrics. • Steven W. Dinelli (AGB ’94) works as a transportation specialist for J.D. Heiskell & Co. in Tulare. • Casey A. Elwell (ME ’94) is a senior systems engineer with Esys, The Energy Control Company. He resides in Bakersfield. • Michael S. Engel (ARCH ’94) is an intern with Giattna Fisher Aycock Architects in Birmingham, Ala., while he prepares for architecture exams. Last summer he and his wife, Susan (Heiman) Engel (HD ’94), spent three and a half weeks in Zimbabwe and Crete. • Brenda Farley (LS ’94) earned her teaching credential from Chapman University and teaches first grade in the Lompoc Unified School District. • Joseph K. Fleischaker Jr. (CM ’94) works for Kiewit Pacific as a mechanical engineer and lives in Corona Del Mar. • Kerry Friend (CHEM ’91, CRD ED ’94) teaches seventh grade science at Atascadero Junior High. She is attending Montana State University at Bozeman to earn an M.S. in science education over the course of three summers in residence and two academic years of correspondence. • David Allen Green (POLS ’94) earned a master’s in public administration from the University of Montana in 1997. He is the information resources specialist for the Idaho Coalition Against Sexual and Domestic Violence, a nonprofit organization in Boise. • Christopher Hay (AGB ’94) is a second lieutenant in the Marine Corps. He is in primary flight training at Naval Air Station Whiting Field, Milton, Fla. • Suzanne M. (Larsen) Heckman (OH ’94) works for Cherry Lane Nursery in Arroyo Grande and lives with her husband in Morro Bay. • Amy Hooper (JOUR ’94) is an associate editor at Dog Fancy magazine. She lives in Aliso Viejo. • Sharon L. Hudspeth (IE ’94) is staff manufacturing engineer with Silicon Valley Group. She resides in Campbell. • Roland Kelly (BUS ’94) earned his juris doctorate, summa cum laude, from Pepperdine. He is employed by the Security Exchange Commission’s Corporate Finance Division in Washington, D.C. • Lauren Krause (BUS ’94) graduated from Toyota Motor Credit Corporation’s accelerated management trainee program and now works as a senior customer account representative in Sacramento. • Sherrman R. Labrador (IE ’94) works for Intel in Arizona. He is married to Angel Abulencia (BUS ’94) and has a young son. They live in Chandler, Ariz. • Won Lee (ME ’94) earned his master’s in mechanical engineering at UC Irvine in 1995 and married in April 1997. He works for Kinetic Systems Inc. High Purity Process Piping. • Jennifer A. Long (ENGL ’94) works at the Cullinan Education Center in Visalia as a reading teacher, helping children affected by dyslexia. • David A. Marks (EE ’94) founded the engineering firm TEECOM Design Group in January 1997. The company specializes in information technology for commercial buildings and corporate networks. Marks lives with his wife and two young children in Alameda. • Ben Maxwell (ARCE ’94) received his professional engineer license in 1997 after earning his master’s
in structural engineering at UC Berkeley. He is an associate at Cabak Rooney Jordan Associates in Menlo Park. • Jayson W. McCord (ARCH '94) works for the design/build firm of Marnell Corrao & Associates and lives in Las Vegas. • Crystala M. Milton (SS '94) is a senior process technician III with Genencor International and is “working on creating a job position” at her company to pursue her interest in event coordinating. • Luis A. Montano (AE '94) is a Navy seaman aboard the guided missile destroyer USS John Paul Jones deployed to the western Pacific Ocean. • Floyd A. Nichols (AGB '94) is a Navy petty officer 3rd class aboard the nuclear-powered submarine USS Helena on a mission to the western Pacific Ocean and Persian Gulf. • Mark W. Nyberg (AGB '94) runs an agricultural consulting business specializing in citrus and avocados. He is an agricultural entomologist and PCA. Nyberg and his wife live in Corona. • Kelley A. Olen (ASCI '94) is a diver at Sea World of San Diego, where she dives with all the park’s marine mammals and assists in medical treatment of beached and recovering marine mammals. • Todd J. Rainey (AGB '94) is a buyer/merchandiser for Sysco Corp. in Houston, Texas. • Lisa D. (Loring) Reynolds (REC '94) works as the membership director at Greenhorn Creek Golf Course. She and her husband live in Murphys. • Mike Rockenstein (POLIS, ECON '94) earned his master’s in public administration from USC in 1997. He also completed an assembly fellowship at the state capitol in Sacramento, where he lives with Cal Poly friends. • Wesley L. Rowland (IT '94) is an apprentice communications technician at Pacific Gas & Electric. He and his wife live in San Luis Obispo. • Patricia Ruiz (ARCH '94) is engaged and works in an international architectural firm in Los Angeles. • Anjali Saraf (BUS '94) is project manager for Ideas Plus Inc., a family-owned, Venice-based computer consulting firm. • Maureen Singleton (ECON '94) and David Schoenthal (SPC '96) were engaged in May 1997. • Nancy A. Schwisow (LS '94) is an eighth grade math teacher in Cupertino. • Todd Thalimer (GRC '94) is an SGML programmer/analyst at Information Architects, and teaches programming courses nationwide for SGML University. He bought his first home in Parker, Colo. • Timothy D. Vincent (JOUR '94) is in Bosnia with Battery F, 144th Field Artillery of the California Army National Guard. Upon his return in the summer of 1998, Vincent will continue teaching in Santa Maria. • Wendy Wyckaert (IE '94) works at Hewlett-Packard in Bristol, England. While there, she plans to travel in Europe as much as possible. • Sarah M. Bond (ASCI '95) is a stable manager at Hidden Oaks Stable in Bradenton, Fla., where she gives riding lessons, trains horses, and manages a 20-horse boarding stable. • Michelle Donner (ENGL '95) is an advertising coordinator with TV Week Network, a division of the Chicago Tribune. She lives in Santa Monica. • Sandor Gyetvai (ME '95) is a sales engineer in the field of industrial automation and manufacturing robots. He and his wife, Gina Swares (MCRO '96), live in Valencia. • Christopher O. Jonnum (ENGL '95) is an editor for a national mountain bike magazine and would like to teach English. He lives in Long Beach. • Serge C. Kaska (BCHM '95) is in his third year at Dartmouth Medical School. • Brian H. Kobata (BUS '95) is a financial analyst for Solecron Corp. in Milpitas. The company is a leading manufacturer of printed circuit boards to many original equipment manufacturers in the Silicon Valley. • Rob Knutson (BIO '95) is a graduate student in the Entomology Department at the University of Missouri, Columbia, where he was awarded the graduate student...
achievement award for academic achievement and involvement in the department and community.

He and his wife, Suzanne (Yonge) Knutsen (HE '90), live in Columbia with their two young children. • Jason F. Leach, who studied civil engineering in 1995, was promoted to Tensar specialist in the Pacific region of Contech Construction Products Inc. in Middletown, Ohio. • Rich Manalang (MATH '95) is a professional services consultant with PeopleSoft Inc., where he works with clients in North America and the Asia/Pacific region. He lives in Glendora. • Michael Matsuo (PE ‘94, MA ED '95) earned a master's from USC and works as an academic counselor in the USC Athletic Department. • Heather McLaughlin (JOUR '95) was promoted to associate at Copithorne & Bellows, a public relations firm in San Jose. • Michael B. Metcalf (BUS ’95) and his wife, Karen Root (HE ’93), live in Corona del Mar. Michael is attending USC's MBA program and works at AmeriPride Uniform Services in a general management training program. • Leonard B. Montilla (EE '95) was designated a naval flight officer while serving with the 562nd Flying Training Squadron at Randolph Air Force Base in San Antonio. • Darren R. Nash (CRP '95) is assistant planner with the city of Paso Robles. • Cara R. Newman (HD '98) is a tour guide at Hearst Castle. • Susan K. Pinza (ENGL '95) is an English teacher at Coalinga High School and a part-time writing instructor at West Hills College. • Tejal Saraiya Patel (MATE '95) is married and living in Grand Prairie, Texas. • Amy Rasbach (JOUR '95) is a sales/operations associate at Cardinal Productions, a music and entertainment company in San Francisco. • Marita E. Sablan (PHYS '95) is an assistant scientist in the astrophysics branch at NASA Ames Research Center, Moffett Field. • Julee M. Southworth (PE '95) was married in 1997 and teaches middle school physical education in Foster City. • Jill Tobacco (NSCI '95) earned a master's of public health from UC Berkeley in 1997 and completed the dietetic internship program. She now works as a public health nutritionist at Dole Food Co.’s nutrition and health program in the Bay Area. • Jason L. Towe (ARCE '95) works for Forell/Elsesser as a structural designer. He lives in San Francisco. • Gabriel M. Valenzuela (HIST '95) earned an M.A. in history from the University of Rhode Island, where he is coach for the women's lacrosse club that won the 1997 collegiate club national championship. • Beatriz H. Avila (HD '96) works part time for the Imperial Valley College talent search program as an instructional specialist. She resides in Calipatria. • David Brown II (PE '96) played “American” football in Switzerland in 1997 and is now coaching football at Cornell University in New York. • Peter J. Cassam (ESB '96) teaches elementary school in a one-room schoolhouse in the southern Sierras. He is married to Annabel Winkler (ENGL '94), who is writing and “being a mom.” They live in Kernville and have a daughter. • Damon C. Claussen (GRC '96) produces, writes, and edits TV commercials for Central Coast clients. He also is president/partner in a new company, Blast from the Past, that handles local and national resale or restored arcade games from the '80s. He resides “happily” in Grover Beach. • Paul D. Cohen (ECON '96) is employed by International Jeweler's Block and Fine Arts Insurance Services Inc. in Newport Beach. He is studying for his property casualty broker's license and chartered property casualty underwriter designation. • Clark Conover (PE '96) earned his teaching credential from CSU Hayward and was voted Outstanding Student Teacher of the Year. • Magdalena Diaz (MATH '96) taught seventh grade for a year, and is now enrolled at National University, where she is working on a joint teaching credential and master's degree. She lives in San Diego. • Heather Kuehnel (BUS '96) has been working as a production planner at Rockwell Semiconductor Systems in Newport Beach. She was accepted to USC's Annenburg School of Communication in the master's program for communication management. • Kate Mangan (GRC '96) is a software release control associate with Sherrill-Lubinski Corp. in Marin County. • Michelle A. Paloutzian (LA '96) is a landscape designer and draftsperson at Pacific Landscape in Merced. • Christopher A. Ridley (CE '96) is a staff engineer at Treadwell and Rollo Inc., a geotechnical engineering firm in San Francisco, where he is busy working on the new Giants Pacific Bell stadium. • Robert C. Samuel (IT '96) lives in Oceanside with his wife. • David M. Schwegel (CE '96) is a sales representative for Intersection Development Corp., a manufacturer and distributor of traffic control systems and components. He lives in Puyallup, Wash. • Darcy (Lynn) Scott, who studied art in 1996, is living in San Luis Obispo and working at a small print shop. • Brian Steiner (ENGL '96) is a technical writer for Total System Services, a credit card processing company in Columbus, Ga. • Thelma J. (Plew) Thomas (AGB '96) is an assistant entertainment manager for the California State Fair. Her husband, Marc B. Thomas (AGB '96), is a sales representative for Ewing Irrigation. They live in Sacramento. • Jennifer A. Flannery (ENGL '97) writes for the entertainment section of the San Mateo County Times. • Trisha Ginsburg (ENGL '97) is a business communications journalist with Silicon Graphics in Mountain View. “The job is great,” she says, “but I really miss San Luis Obispo.”
IN MEMORIAM

• Benjamin Barr (AERO '47), 75, died in Wichita, Kan., of cancer in May 1997 after a 30-year career with Boeing Aircraft Co., where he worked on Airforce One proposals. He is survived by his wife, a daughter, a son-in-law, two grandchildren, and a brother.

• Emmett Bloom (FAC), 84, died in San Luis Obispo in August 1997. He was a Cal Poly professor for 42 years, teaching in the Animal Science Department and serving as associate dean. He was a past president of the San Luis Obispo Lions Club and a member for 57 years. He is survived by his wife, two daughters, two brothers, and two grandsons.

• Woodford E. Bowls (FAC), 87, died in San Luis Obispo in June 1997. He taught physics from 1937 to 1973 at Cal Poly, and was head of that department until his retirement. He was a member of the American Association of Physics Teachers, American Physical Society, Phi Beta Kappa, Sigma Xi, and Gamma Alpha. Bowls is survived by a daughter, two daughters, two sisters, and two grandchildren.

• Elizabeth Buxton (FAC), 55, died at her Los Osos home in August 1997. She taught as a lecturer in the English Department and was project director of the Young Writers' Workshop in 1981 and assistant director of the Central Coast Writing Project in 1980-84. She is survived by her husband, a son, and a sister.

• Thomas T. Cabe (ARCE '55), 75, died of a heart attack in Ridgecrest in November 1996.

     He worked as an architect/specifications writer at the Naval Weapons Center in China Lake and was a member of the Society of American Military Engineers and the Optimist International Club. He is survived by his wife, daughter, and grandson.

• Howard E. Cory (EE '49), 74, died in June 1997. He was the first Cal Poly graduate to be hired by General Electric, where he worked for 36 years, mainly in New York and Virginia. He is survived by his wife, two daughters, and two sons.

• Gordon Courtright (OH '38), 89, died in Orinda in March 1997. Known for beginning the modern nursery, he ran a nursery business, was show designer, superintendent, and exhibitor in Oakland's Spring Garden Show for many years, and penned three landscaping books. He is survived by his wife, a son, two daughters, a sister, seven grandchildren, and two great-grandchildren.

• Forrest C. Coyner (ME '23), 96, died from natural causes in June 1997. After graduation he worked for Standard Oil until 1937 and was owner of Kimball Tire Co. in San Luis Obispo from 1940 to 1970. Coyner was a member of various organizations, including the Masons, the Knights Templar, and the Historical Society. He is survived by his wife, Margaret (Ditmas) Coyner, who studied home economics at Cal Poly, and a sister.

• Joyce Curry-Daly (FAC), 52, died at her San Luis Obispo home in September 1997. A statistics professor, Curry-Daly taught at Cal Poly for 30 years, first in the Mathematics Department and then Statistics. She also taught mathematics at Cuesta College since 1993 and was active in various community clubs.

• Gordon Anthony Curzon (FAC), 78, died of a heart attack in Redlands in April. He was a professor of English at Cal Poly from 1970 to 1988. He was co-founder of the California State Poetry Society and the founding editor of the California State Poetry Quarterly. He is survived by a daughter and three sons.

• Bernard Dusek (FAC), 70, died in San Luis Obispo in July 1997. He taught in Cal Poly's Department of Art and Design from 1965 to 1990. His paintings and drawings are in public and private collections nationwide, including the Willa Cather Pioneer Museum in Redcloud, Neb., where he was a life member. He is survived by his wife, a son, a daughter, and a sister.

• James B. Griffin (FAC), 76, died in August 1997 in San Luis Obispo. After a military career in the Air Force, where he was awarded the Distinguished Flying Cross and Air Medal, Griffin taught economics at Chico State and Cal Poly until his retirement in 1982. He is survived by his wife, a son, a daughter, a granddaughter, a brother, and two sisters.

• Frank Joseph Hendel (FAC), 87, died of pneumonia in Santa Barbara in April 1996. He taught aerospace science and engineering
at Cal Poly from 1967 to 1986. He was an expert on space travel, liquid rocket propulsion, and fossil fuels. After "retiring" he worked at General Dynamics in San Diego, translated articles at the Aerospace Museum, and ran a chess club for children. He is survived by three daughters and three granddaughters.

- **George E. Hoffman (IE '46)**, 69, died in his Arroyo Grande home in July 1997. He was the founder of the Industrial Engineering Department at Cal Poly, where he was a professor from 1956 until his death. He was a collector and a member of both the Antique Radio Association and the Antique Train Association. He is survived by his wife, two daughters, a sister, four grandchildren, and two nephews.

- **John William Keller (SOCS '72)**, 47, died in San Francisco in February 1997. He was retired from Esprit DeCorp. He is survived by his parents, two sisters, and a brother.

- **Alan Christopher Lee**, 41, who studied electronic engineering at Cal Poly in the 1970s, died from a pulmonary embolism in December 1996. He worked as a senior staff engineer for the radar and communications systems of Hughes Aircraft. At 14 he was Long Beach's youngest Eagle Scout. Lee is survived by his wife, his father, **Alan C. Lee (AE '50)**, his mother, and his sister, **Deborah Lee Burlingham (BUS '75)**.

- **Elizabeth (Darch) Meyenberg (AGSC '76)**, 43, died of cancer in Monterey in June 1997. She taught high school agriculture at Carmel High School for 18 years. She is survived by her husband and two daughters.

- **Carl Moy (FAC)**, 64, died at his Los Osos home in August 1997. He taught in the Cal Poly Dairy Science Department from 1968 to 1984, when he started his own local electrical contracting business. His interests included flying, fishing, and his work in church music. He is survived by his wife, a son, a daughter, two brothers, and a sister.

- **Lawrence B. Renihan (EL '50)**, 80, died of a heart attack at home in Santa Barbara in January 1997. He worked for 28 years for Hewlett-Packard in Palo Alto. He is survived by his wife.

- **LeRoy Rose (ARCH '55)**, 68, died of prostate cancer in Bermuda Dunes in May 1996. He worked in all phases of construction, including land and building development, general contracting, and construction management. He was a member of the Air Force in the late '40s and early '50s. He is survived by his wife, a son, a daughter, two stepsons, a stepdaughter, and six grandchildren.

- **Joseph A. Schrick (EE '52)** died of cancer in June 1997 in Cupertino. His career was with Ford Aerospace. He is survived by his wife, a daughter, and a grandson.

- **Victor Shibata (ET '73)**, 53, of Santa Maria, died of natural causes in a local hospital in December 1996. He worked at International Telephone and Telegraph Corp. Federal Services Corp. as an analytical specialist, and in the Capability Analysis Department of Western Operations at Vandenberg Air Force Base. He served in Vietnam with the U.S. Army and was a graduate of Hancock College before earning his B.S. from Cal Poly. He is survived by his wife, a daughter, a brother, and a sister.

- **Merle Edward Smoot**, who attended Cal Poly in 1955-58, died in August 1996 after a long battle with cancer.

- **Lewis F. Tennant (ASCI '34)**, 83, died of lung cancer in Colusa in September 1996. A rancher who raised Angus cattle as well as various crops, he was a member of Cal Poly Alpha Zeta, the Farm Bureau, and Colusa High School FFA, and was a life member of the Cal Poly Alumni Association. He is survived by two daughters, including **Vicki Clark (PE '71)**, and four grandchildren.

- **Hugh Lindsley Wallace (OH '39)**, died from a stroke in September 1997. A life member of the Cal Poly Alumni Association, he retired after 21 years with the Golden Gate Bridge District, and was a 29-year member of the Redwood Empire Chapter of the California Association of Nurseries. He is survived by his wife, two daughters, two brothers, a sister, and five grandchildren.

- **Milo E. Whitson (FAC)**, 86, died at his San Luis Obispo home in July 1997. Whitson served as a stroke in September 1997. A life member of the Cal Poly Alumni Association, he retired after 21 years with the Golden Gate Bridge District, and was a 29-year member of the Redwood Empire Chapter of the California Association of Nurseries. He is survived by his wife, two daughters, two brothers, a sister, and five grandchildren.
First crafted in the 1980s, Mustang Flight has been recast by renowned Western sculptor and Cal Poly professor emeritus Roy M. Harris and again made available exclusively for alumni and friends. Only 200 of the original 300 limited edition bronze sculptures are available. Once these are gone, the mold will be broken.

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Mission San Antonio de Padua in the spring, sheltered between green rolling hills and colorful poppies and lupine (see story page 9).

(Photo courtesy Robert L. Hoover)