A perfect partnership
President and Mrs. Baker
celebrate 20 years at Cal Poly
This is not my first job, or even my fifth. I have lived many past lives. I imagine them listed on the jacket of my first novel: And now I work at Cal Poly in what used to be an old dorm. From my window I can see the hills east of San Luis Obispo. The lawn in front stays green all year — it’s mowed on Tuesdays, releasing the clean scent of cut grass — and cars drive quickly down the one-way streets. The Amtrak passenger train passes by around 3:30, its trumpeting call interrupting phone and hallway conversations.

The thing that stays with me in each of these experiences is not the work itself. It’s the feel of a place, and the people I meet.

The best job from the past — as memory recalls it, probably revised by time — was my fire tower post. Shortly after I arrived for duty in April, it snowed. I took a walk alone through the perfect white stillness. The pines were bent low. I saw the tracks of a deer in the crust of a deep drift. I stopped and closed my eyes. Remember this, I thought, breathing in the cold sweet air.

And I always have.

Vicki Hanson
Editor

FROM OUR READERS

I just received my first issue of Cal Poly Magazine and reviewed it from cover to cover. Thank you very much! I have been out of touch for quite some time . . . . My last trip to San Luis Obispo was for the last annual Poly Royal. I had hoped to return the following year, but that was not to be. Keep up the great work and I will be looking forward to my next issue of Cal Poly Magazine.

Sincerely,
— Robert W. Kempel (AERO ’60)

From Our Readers continued on page 2

ON THE COVER

In an era when university presidencies average five years, 1999 marks the 20th anniversary of service to Cal Poly by President Warren J. Baker and his wife, Carly (shown here in front of the Performing Arts Center, San Luis Obispo).

The Bakers’ special talent has been coalition-building. They have worked with representatives from the California State University System, the community, industry, and state, national, and international legislative groups to spearhead a variety of programs and projects together and individually (see story on pages 6-15).

We dedicate this issue of Cal Poly Magazine to President and Mrs. Baker as a special thank you for their stewardship over the years. (Photo by Karen McLain)
Those fortunate to have known Maurice Wilks (professor emeritus of the College of Architecture and Environmental design) were greatly saddened to have learned of his passing. Mauri was uncompromising in his professional standards: he always presumed that we were at Cal Poly to do our best, and he inspired us to live up to his—and our own—expectations. I will miss him as a friend as well as a colleague. Our world will be diminished by his absence.

— Chris Hungerland (CM '76)

Cal Poly Alumni Board Member Don Morris (PE '53, M.S. '59) wrote to send along a photo of Ena Marston he had snapped in a local restaurant (below). Marston taught English and art from 1946 to 1970 and worked for both President McPhee and President Kennedy. She taught English to Morris in 1950. “She was a great teacher and one of the few women teachers on the campus at that time,” says Morris.

According to Morris, Ms. Marston started the popular series “Books at High Noon,” and was in charge of the program for 10 years. At 92, she attends quarterly meetings of the Retired Faculty and Staff Club, is also active in the Central Coast Weavers, and serves on the board of directors of the San Luis Obispo Historical Society.

“The Alumni Association [c/o Alumni Relations Office, Cal Poly, San Luis Obispo, CA 93407] would like to hear from anyone who knows of other faculty members from Cal Poly’s past,” writes Morris.
Aeronautical engineering senior Zach Hoisington has lofty goals. And, according to his senior project advisor Professor Russell Cummings, he also possesses "an incredible amount of inventiveness, basic intuition, and resourcefulness." Those qualities—along with a passion for paragliding—led Hoisington to invent an award-winning project advisor Professor Russell design that improves both the safety and performance of long-distance paragliding.

Hoisington was one of three undergraduate winners in the 1998 BFGoodrich National Collegiate Inventors Competition. He received $3,000 and a trophy for his "variable-surface-area parafoil" (V-SAP).

Hoisington's V-SAP design allows paragliders to change the surface area of the wing while in flight, which gives pilots an increased speed range. The reduction in area also allows for greater...
efficiency and stability at high speeds.

"Originally, paragliders could only move right or left," says Cummings. "There was no way to speed up or slow down, other than going down. Hoisington's goal was to devise a way to control the speed of the parafoil while continuing to glide."

The 22-year-old Hoisington has been paragliding nearly half his life.

"When I was 12, my father and I started flying together after seeing someone do it at a ski resort. We were both excited about trying it."

When asked about the advisability of taking up such a risky sport at such a young age, Hoisington admits with a smile, "It doesn't sound like a rational idea."

Although the idea might not sound rational, Hoisington is. Among other things, he is a very sensible young man with the ambition and tenacity to succeed.

Says advisor Cummings, "Zach is one of those rare students who is both imaginative and technically capable. As you might think, engineering students are often very good at the analytical aspects of their work, but sometimes not as good with their creative abilities. Zach combines a solid understanding of the physical principles with incredible creativity."

Hoisington's main reasons for inventing the V-SAP parafoil were to improve the performance of long-distance paragliding and improve the sport's safety. He began designing the parafoil two years ago — first testing the designs while standing on the ground in strong winds. Later he tested the V-SAP in flight.

"He is a never-ending source of ideas," says Cummings. "I likened him to the Wright Brothers, who also had that rare combination of creativity, analysis, and experimentation. Zach truly learns by doing!"

Although Hoisington himself sometimes uses the V-SAP, he's not sure he'll be able to market it. "The idea is still being experimented..."
with," he says. “It needs to be flight-tested more.”

It’s possible that the invention won’t ever be marketed for paraglider enthusiasts, Hoisington says. So he is exploring its potential in an entirely different area — space vehicle recovery.

“There’s an exciting new field that is using parachute-type systems to recover space vehicles,” says Hoisington. “The parachutes help guide the vehicles safely back to Earth. My invention could be used to help space vehicles land safely by giving them more speed and range and by allowing them to open up slowly during their descent. There’s still lots of work to be done in this field, but I’m hoping my invention will have application there.”

Hoisington, whose hometown is Redding, says his lifelong love of flying dates back to early childhood. He remembers building paper airplanes at five. “I knew then that designing airplanes would be a fun thing to do, and I never really changed,” he says. “I always liked things that flew.”

After graduation, he would like to work for an aeronautical company in design — hopefully in aerodynamics.

When deciding on which university to attend, Hoisington visited aeronautical engineering departments at several schools. He first heard about Cal Poly in 1989, when students made international headlines by being the first to fly a human-powered helicopter.

“I liked Cal Poly’s hands-on teaching methods,” he says. “I think we have really excellent faculty in the Aero Department. Dr. Cummings has a great approach to teaching.”

Hoisington’s parafoil design is certainly not the last of his creative endeavors. He is involved in designing the university’s aerodynamically built solar-powered vehicle and is building a hydrofoil bicycle that can travel on land and water.

“He is very personable and full of fun,” says Cummings. “I saw him trying out his hydrofoil bicycle this afternoon in the rain. He was soaking wet with a big smile on his face.”

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Editor's Note: As of press time, Hoisington had won first place at the AIAA Region VI Student Conference and at the AIAA National Student Conference in Reno, Nev.
A conversation

After 20 years of service to Cal Poly, the president and his wife take stock

When Warren J. Baker married Carly Fitzsimons in 1962, it was the beginning of a beautiful partnership.

Together they have lived in New Mexico, Michigan, Massachusetts, and California, raising four children (Carrie, Kristin [AG '92], Chris [BUS '97], and B.J.) and dedicating themselves to multiple academic, community, and legislative efforts.

And for the past 20 years these two exceptional people have guided Cal Poly through a remarkable period of growth, helping to create a university that has become unique in the CSU system for its application of scholarship to real-life problem-solving.

Cal Poly Magazine's conversation with the Bakers follows.
Cal Poly Magazine [to Pres. Baker]: What were your first impressions of Cal Poly?

Pres. Baker: I had heard that Cal Poly's goals were similar in many ways to work I'd done at the University of Detroit and to my vision for higher education. I also learned that Cal Poly was an institution in transition, founded with a focus on agriculture but expanding into a comprehensive polytechnic university. When I first stepped on campus I thought that labs and other facilities needed significant improvement if “learning by doing” was going to flourish in the 80s and 90s. It also seemed like a place where a president could have considerable influence and not just be a caretaker.

CPM [to Pres. Baker]: What were some of your first initiatives as president?

Pres. Baker: Cal Poly was perceived as not very accessible, so one of the first things that we did when we came here was to begin inviting people from the community and business onto the campus regularly. Also, this was a polytechnic university. Although our faculty and programs were oriented toward industry needs, and students were involved in learning by doing, we had no formal structure to actually engage the people who hired our graduates. We were just beginning to think about raising private money for the university, and the idea to create advisory councils served both purposes.

We started with the President's Cabinet [the universitywide advisory board], which includes leaders from business, industry, government and the arts, to provide advice and counsel to the university as we planned for our future. We also asked the cabinet to become advocates for Cal Poly at all levels — within the CSU system, with our board of trustees, with the legislature, with the governor, and within their own spheres of influence.

This effort helped to support cooperative education, senior projects, and internships so students could become directly involved in industry. And it opened up access to resources that brought faculty in applied research. This not only reinforced the educational value of this activity at Cal Poly, but it also engaged the university and our students in projects that have contributed to the state's economic development.

Today there are about 45 people on the President's Cabinet, and each college and many departments have very active advisory councils. This totals more than 800 people from outside the university who volunteer their time and expertise and provide access to industry — an enormous advocacy and fund-raising resource. We raised nearly $22 million last year. When we first started, raising $1 million was a struggle.

These groups have also helped us greatly with the legislature, being strong advocates for improvement of our instructional facilities and arguing on our behalf for funding for new buildings, new labs, and new classrooms. One of the first things we did was to propose a new engineering building. Much of our space was outdated and inadequate to house our expanding enrollment in the polytechnic programs.

CPM [to Pres. Baker]: How did your role evolve in terms of off-campus activities?

Pres. Baker: In 1983 I was appointed by President Reagan to serve on the Board for International Food and Agriculture. We met with the administrator for the Agency for International Development in Washington nearly every month to administer the Title XII programs, geared for land-grant universities. I thought Cal Poly could make significant contributions in agriculture to developing countries. We had done a lot of work in the 50s and 60s, but our
international activity had waned significantly. As a result of our re-involvement, we were engaged by the Kellogg Foundation and ultimately by A.I.D. to establish a college in Costa Rica to support agriculture in the humid tropics. Today that college is very successful and contributes significantly to countries in the humid tropics where agriculture is both economically important and carried out in such a way that it preserves fragile tropical land. The college is modeled after Cal Poly, and the contributions of our faculty and staff were vital in its establishment.

I was on the National Science Board (NSF) from 1985 to 1994, primarily as an advocate for undergraduate science, engineering, and technology education. Many of the programs we established focused on the renewal of science and engineering education. Cal Poly was, for instance, one of the prime movers in an NSF engineering coalition program. Our programs were being recognized nationally as models for renewal and effectiveness.

We also recognized that undergraduate institutions needed applied research facilities to capture the benefits of engaging undergraduates in research, and created a special program to develop funding for predominantly undergraduate institutions. This past October [1998] we broke ground for the first campus building — the Advanced Technology Laboratories — that is a beneficiary of that program [see sidebar, “Warren Baker: A profile,” below]. Half the money came from NSF and half from

Warren Baker: A profile

President Baker earned his B.S. and M.S. degrees in civil engineering from Notre Dame and his Ph.D. in geotechnical engineering from the University of New Mexico. He began his academic career at the University of Detroit, becoming dean of the College of Engineering within seven years, and then vice president for academic affairs. In 1979 he was chosen to lead Cal Poly.

Some of President Baker's many honors as a teacher, scholar, and administrator include:
- The 1997 Cavanaugh Award, University of Notre Dame (the highest award bestowed on an alumnus for public service)
- Co-chair of California's Joint Policy Council on Agriculture and Higher Education (to increase the state's ability to deliver instruction, research, and public-service programs focusing on agriculture, natural resources, and the environment)
- Presidential appointee, National Science Board, governing board for the National Science Foundation (chairing the board's Polar Research Committee and

From San Luis Obispo to Antarctica . . .
President Baker has worked to expand Cal Poly's sphere of influence. Here (photo left) he helps cut the cable on a new phone system in 1987 with (left to right) Pacific Bell Area Vice President Jack Black, Cal Poly Information Systems Vice President Arthur Glaster, and Pacific Bell Area Vice President-Priority Marketing Don Shupp [photo courtesy of Pacific Bell]. In 1991 (photo opposite page) he travels to Antarctica to take part in the dedication of NSF's Science and Engineering Lab at McMurdo Station, designed by alum Christopher Smith (ARCH '68).

President Baker is a charter appointee and member of the Standing Committee on Programs and Plans
- Presidential appointee, Board for International Food and Agricultural Development (U.S.A.I.D.) (assisting Cal Poly in becoming the prime architect and planner for the Agricultural College of Humid Tropical Regions in Costa Rica)
- Outstanding Alumnus Awards, Colleges of Engineering, Notre Dame and the University of New Mexico
- Charter appointee and member of the board of directors,
California corporations represented on our advisory boards. This will be a unique facility to support "learning by doing."

All these efforts took me off campus, and of course I got a reputation as an invisible president. But my view is that if a president is spending all of his time on campus, then he is not doing his job for the institution. You have to be a strong advocate for your institution, in the board room, in Washington, and in Sacramento.

**CPM [to Mrs. Baker]:** How did you operate as the president's wife and also work independently to accomplish your own goals?

_Mrs. Baker:_ Your identity as the president's wife comes with the territory. You move into a glass house — "This is the way we live, this is the way we are, this is the way we're going to be."

But I've always felt that I've had a separate identity. I think that's something you have inside you. I've always had very strong opinions, and quite often don't hesitate to express them, even though I've had to convince some people that if they were talking to me, it was my opinion, not ours.

That was one reason for getting the master's degree — a certain sense that I needed to do more for myself at that point. That was a good experience. I gave him [smiling at President Baker] a view from engineering and agriculture programs, women make up nearly 45 percent of the student body. At the same time, the university is becoming more popular with students and their families — for fall 1998, for instance, more than 17,500 applications were filed (with only 3,000 new students admitted) — while academic standards continue to rise dramatically, with a mean grade point average of 3.6 and an average SAT score of 1160.
the trenches. And I could have coffee with the other students and we could talk about our classes —

**CPM:** You could be honest —

**Mrs. Baker:** Very honest. Of course, I couldn’t invite them here without blowing my cover [laughing]. . . . But it was a good experience and [turning to her husband] an awfully good experience for you, because there were things I saw and could tell you about.

**CPM:** You were sort of a Connecticut Yankee in King Arthur’s court —

**Mrs. Baker:** Exactly. The only problem I had with it, in looking back, was that I had to get a 4.0. I mean, what if I didn’t do well — I used to stay up until all hours writing papers.

**CPM:** But my guess is that you are probably a perfectionist and would have done the same thing regardless of whom you were married to.

**Pres. Baker:** Good guess. We host a lot of university guests on and off campus — our 800 advisory board members, community leaders, donors — and it takes an enormous amount of time. Every detail reflects Carly’s care and personal attention.

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*Two projects came to fruition in fall 1998 with special groundbreakings.* . . . *(Above) The new sports complex event was held October 23 [see story under ‘SPORTS NEWS,” page 22] (shown here are, left to right, ASI President Dan Geis, President Baker, Robin Baggett (BUS ’73), and Athletic Director John McCutcheon [photo by Marcia Wright]). And (opposite page) ceremonies for the Advanced Technology Laboratories, a landmark applied research facility funded entirely by non-state sources, took place October 26 (photo by Doug Allen).

Due to open this fall, the ATL combines architectural elements necessary for industrial experiments with interdisciplinary lab space, computer workstations, multimedia innovation, and the latest technological equipment. Six labs are devoted to advanced transportation, aerospace, earthquake and geotechnical research, bioengineering, mechatronics, and engineering education research.

The public/private partnership that funded the ATL includes the National Science Foundation, the W.M. Keck Foundation, Litton Industries, St. Jude Pacesetter, Northrop Grumman, Parsons, IBM, Fluor Daniel, Tandem Computers, and Hewlett-Packard. Pictured are President Baker (center) and College of Engineering Dean Peter Lee (right) with (left to right) Al Brann from Litton, Gene Bornzin of St. Jude Pacesetter, Chuck Terhune of Parsons, and Bob Wulf of Northrop Grumman.
A development program requires a lot of care and personal attention to relationships with people. Good working relationships grow if you know what people are interested in and how to connect that interest to the university. And you don’t often find that out by sitting down with them in their offices — you learn those things in a more relaxed social atmosphere.

A lot of major contributions have come to the university as a result of the way Carly has made people feel at home here. Our view is, to raise support for the university, you raise friends first and encourage their interest in the university, and the rest is easy.

The Partners Program for the President’s Cabinet is a good example.

We start on Sunday with a short session, then have a dinner Sunday evening. The following day we have our plenary meeting and Carly coordinates the Partners Program. This special attention pays off — we get a very high turnout. If both partners have a good experience and learn something about the university and feel that they’re developing good relationships with their peers, it creates a synergism that works in a very beneficial way for the university.

We’ve been doing this for 20 years now. What we like to hear is, “We love to come back — you treat us both wonderfully — we remember it and pass it on to other people.”

During President Baker’s tenure the university’s faculty and staff have also been recognized for excellence in undergraduate education:

- For more than a decade, U.S. News & World Report has rated Cal Poly one of the top public, regional universities in the West.
- The College of Engineering was ranked the top public undergraduate program nationwide by U.S. News & World Report as of 1996.
- The College of Agriculture offers the largest non-land-grant agriculture program in the United States, and the third largest undergraduate agriculture program in the country.
- Cal Poly’s College of Architecture and Environmental Design produces one of every five architects in California and one of every 20 nationwide.

The university’s other colleges — Business, Liberal Arts, and Science and Mathematics — and its University Center for Teacher Education also have been recognized for their innovation, excellence, and quality of students and faculty.

One attribute particular to the campus is its dedication to the idea of a “learn-by-doing” approach to education, in which classroom instruction is reinforced with practical, hands-on learning in the laboratory, studio, or out in the field. “This approach provides Cal Poly with a special niche in California higher education,” says the president, “and is a significant reason our graduates are so heavily recruited upon graduation.”

Cal Poly College of Engineering
Agriculture and Technology Laboratory
CPM: When we first thought about doing this story, we wanted to focus on your partnership as well, rather than doing a piece solely on President Baker's 20th anniversary.

Pres. Baker: University presidencies take an enormous amount of time. The marriage partnership is extremely important. Not only has Carly spent a lot of time helping to raise funds for the university, but she's borne more than her share in raising our children during these 20 years.

When we arrived here our youngest son was two years old, our oldest daughter 16, with two children in between. And I was away a lot. In this job you not only have campus responsibility for policies and operations, but also are expected to be at the board of trustees' meetings and provide some leadership at the system executive level, as well as maintain external relationships with the community, the legislature, the private sector, and federal agencies.

So you spend lots of nights in hotel rooms. Carly and I belong to two national organizations — the Association of State Universities and Colleges, and the National Association of State Universities and Land Grant Colleges. Both of them have spouses' programs where we find mutual support and an opportunity to share war stories (both laugh).

CPM: Which accomplishments give you the greatest sense of pride during your tenure at Cal Poly?

Carly Baker: A profile

Mrs. Baker earned a B.A. in English, speech, and drama from St. Mary's College, with postgraduate studies in psychology at Northwestern University and the University of Michigan, in speech pathology at the University of New Mexico and Wayne State University, in teacher education at the University of Detroit, and in computer applications at Cuesta College and Cal Poly. She earned her master's in education at Cal Poly.

Her many accomplishments include working for the following organizations:

- Women in Philanthropy
- Children's Center Task Force
- Foundation for the Performing Arts Center (FPAC) Board of Directors
- County Justice System Subvention Program Advisory Group
- Women's Shelter Board of Directors
- Country Justice System Subvention Program Advisory Group
- Performing Arts Center: Staging a success story, page 14
- PCPA Theaterfest Advisory Board
- Children's Protective Services Task Force
- Performing Arts Center Art Advisory Board
- Organization of State Hospital Advisory Boards
- Chair, Atascadero State Hospital Advisory Board
- Case worker in Cook County, Ill., social worker in Albuquerque
- Case worker in Cook County, Ill., social worker in Albuquerque

As President and Mrs. Baker look toward the future, they envision more time spent traveling and with their family.

Their oldest daughter, Carrie, and her husband live in Seattle with their four children: Kelly, 9; and three bright, special-needs youngsters adopted from an orphanage in Vladivostok, Russia: Irina, 6; Alex, 4; and Michael, 1.

"Carrie makes up special books for each of the kids," explains Mrs. Baker. "She took Alex's to him in Russia. It had photos of the family here, and of his room in Seattle. When he spoke to me by phone he'd say [imitating her new grandson's gruffly exuberant voice], 'Hi, Nana — Airplane! Seattle! Space needle! Bye-bye!' He has a charming personality, and that look of the devil in his eye. I think he's going to be a handful for his mother, but great for his grandmother."

The Bakers' second daughter, Kristin, also married, is completing...
Pres. Baker: Developing the advisory boards is certainly one, because it engaged the external community and also created a benefit I didn't expect — active engagement of expertise from business and industry in our strategic planning. These boards have been of enormous help in our planning process — it's something they're used to doing and we learn a lot from them.

Another was our success in improving and expanding instructional facilities. We still have work to do but our students today enjoy state-of-the-art facilities in many areas.

Our efforts to improve the quality of residential life on campus for the students has been both exciting and rewarding. In particular the two recreational facilities on campus will give us some of the best facilities in the West. Since our students are so heavily engaged in organized recreational sports, we had to find a way to provide facilities. It turned out that a partnership forged with students who supported a fee increase to share the costs was successful not only in building the facilities, but in operating and maintaining them. More “learn by doing.”

And the Performing Arts Center was an exciting 12-year campaign to bring this important cultural center to the whole Central Coast community [see sidebar, “The Performing Arts Center: Staging a success story,” page 14]. It's been a concept and a vision of the community for 40 years, and the university has played a key role in making it happen.

Her Ph.D. in nutritional and physiological arthritis research at Tufts Medical Center’s Mayer Center, working with the elderly on weight and resistance training with support from the Arthritis Foundation. Her work shows an influence on patients' mobility, pain reduction, and arthritis, and was used in her thesis adviser's New York Times bestseller, Strong Women Stay Young.

Son Chris has graduated with a degree in marketing from Cal Poly's College of Business. He's interested in athletics marketing and is exploring master's programs in sports marketing. And B.J. is currently a junior at Cal Poly in political science.
CPM [to Mrs. Baker]: You invested a great deal of work in the Performing Arts Center.

Mrs. Baker: Yes. It was very interesting for me to be on the board of directors. I think I helped keep things on an even keel. I could explain university positions, but I could also help interpret the desires of the community to the university. Participating in the fund-raising up and down the state weekend after weekend was a rewarding experience.

Pres. Baker: Unlike other CSU campuses, Cal Poly has never been a regional campus. It is very much a statewide institution with a statewide mission. We produce one in every five architects in California. We have the largest graduating class in engineering. We have the third-largest college of agriculture in the country.

Yet our community links are important, because we reside here and we have a significant impact. Town and gown tensions will exist from time to time, and we work hard to have effective university liaison groups. And projects like the Performing Arts Center benefit the entire community and build a solid foundation for Cal Poly and the San Luis Obispo community to go forward together.

CPM: What do you see for your future?
Pres. Baker: The average tenure for a university president is about five years. I don’t think it would come as a surprise to anyone that over the next few years we’ll be ready to move on and do something else.

For the first time in 30 years, the university is undertaking a major review and revision of our master plan. This master plan revision will shape the future for Cal Poly as we enter the next millennium. It will bring together our Cal Poly Plan (shared responsibility for continued excellence), the University Strategic Plan, and the Centennial Capital Campaign, now under way. New programs need to be launched in biotechnology, which impacts biology, chemistry, agriculture, and engineering; computer graphics (a rapidly growing industry in California); and the environmental and biomedical sciences. These are examples of continuing program development.

In addition there are important cornerstone projects in the Centennial Capital Campaign. These include a student learning and resource center, a molecular sciences building, and new buildings to house labs and state-of-the-art instructional facilities for engineering, architecture, and agriculture. It will take both state and private funds to meet these needs, and we’d like to be sure everything is in place to make it happen.

Staging a success story

When the $30 million Performing Arts Center, San Luis Obispo, was just a twinkle in a planner’s eye, some members of the community felt that a campus building couldn’t be a community facility. But community consultants advised, “You can’t do it without the university.”

“Even though some people stood back, saying, ‘This will never work,’” recalls President Baker, “key people from the community — Ron Dunin, the mayor, and John Dunn, the city administrator, and Warren Sinsheimer — signed the original memorandum of understanding with me. The university put in two-thirds of the money, and we worked carefully through a set of operating principles, recognizing that each of the partners could bring something to this valuable effort.

“We went up to the legislature and testified, walking the back halls, at a time that was extraordinarily difficult in the state of California. The legislative analyst testified before the legislative committee that the state had higher priorities. But we were able to keep it together.”

The project partnership was completed with the support of private funding and gifts through the Foundation for the Performing Arts Center. Mrs. Baker spent many weekends serving on the foundation board and going out to visit potential donors, talking about the facility. “The original board members’ view was, ‘We can get this done,’” she says.

“Carly played an extremely important role on the [PAC Foundation] board, helping things go forward and not get bogged down in misunderstandings and rumors,” says President Baker.

Since its opening in fall 1996, the center has expanded cultural and entertainment activities on the Central Coast, attracting world-class performers and lecturers and providing an impressive venue for a variety of educational and cultural conferences.

“Originally we also faced criticism from some university constituencies,” says President Baker. “We were a polytechnic university — why were we looking at such a project in the performing arts?”

“But our view has been that essentially it was a step toward the perfection of a polytechnic university. It had the fundamental meaning of “polytechnos” in the Greek sense — the arts and the sciences and technology coming together. The center’s extraordinary acoustics, for example, could be a learning environment for architects.”

The whole concept of performance is also part of learning by doing, Cal Poly’s signature educational motto, Baker points out. “We had done so much over the years in the performing arts with no majors in the performing arts. Now we’ve brought these majors on. The Performing Arts Center has been an extraordinary draw for very talented music students. We are the only CSU campus requiring an audition.”

The center also attracts students who are studying in areas more traditionally associated with Cal Poly, such as engineering or architecture, enabling them to take advantage of a richer university environment.
U.S. News and World Report again rated Cal Poly the best public undergraduate university in the West.

The magazine’s “America’s Best Colleges” guidebook also gave Cal Poly high marks again this year for both academic reputation and the quality of its students, and among all Western regional colleges and universities, both public and private, Cal Poly maintained its third-place ranking for reputation and rose a notch to 10th place overall.

Academic reputation — the only subjective factor used to calculate the rankings — is based on a survey of presidents, provosts, and admissions directors of other universities. It counts for 25 percent of the score used to rank an institution.

Student quality, or “selectivity,” as U.S. News terms it, reflects test scores, high school class standing, the percent of applicants who are accepted, and the percentages of those accepted who actually attend.

Eclectic mix caps arts season

Tap Dogs, slated for April 27 and 28, is billed as “an electrifying, industrial-strength, 90-minute theatrical experience.” Other performances finishing off the 1998-99 Cal Poly Arts season include the Takacs String Quartet, the Billy Taylor Trio, and The Jungle Book. Tickets are available by calling the Performing Arts Center ticket office at 805/756-2787. Orders may also be faxed to 805/756-6088 or sent on-line to www.calpolyarts.org.

(Photo credit Joan Marcus © 1997)

Second Cal Poly grad pilots NASA shuttle

Marine pilot Frederick “Rick” Sturckow (ME ’84) is following in the orbital path of another Cal Poly grad, Robert “Hoot” Gibson (AERO ’69). Sturckow piloted the space shuttle Endeavour on its December mission to initiate the first assembly sequence of the International Space Station. Gibson flew five missions between 1984 and 1995. Both men are graduates of the Navy Fighter Weapons School, popularized in the film “Top Gun.”

Cal Poly Mechanical Engineering Professor Ron Mullisen has remained a friend of Sturckow’s over the years. He describes Sturckow as an extraordinary student who loved speed, racing cars at the Santa Maria Speedway and working on race cars built by mechanical engineering students.

Mullisen and his family traveled to Florida for the Dec. 4 Endeavour launch. Mullisen’s daughter Emily made a small, triangular banner for Sturckow to take on board. The design incorporated the Cal Poly logo, the Mechanical Engineering Department’s name, and a mustang silhouetted against the bright globe of the Earth.
Swanton Pacific Ranch wins sustainable quality award

Santa Cruz County has recognized innovative resource management at Cal Poly’s Swanton Pacific Ranch by giving the ranch its Sustainable Quality Award.

The ranch was honored by the county’s Chamber of Commerce and board of supervisors for serving the people of California as a “self-sustaining organization and educational institution providing hands-on learning about sustainable resource management.”

According to Walter Mark, ranch director, “Receiving this award is a special honor. Santa Cruz County has an acute awareness of the environment. Being recognized for our contribution to the community means we are meeting and exceeding the goals we set forth.

“Our mission statement dictates that we are a commercial ranching operation with an obligation to be self-sustaining while we protect the environment,” said Mark. “[This award] recognizes and encourages balancing the demands for environmental stewardship, social responsibility, and sustainable economic development.”

The students and professors who live and work at the ranch are involved with local community groups such as the Community Supported Agriculture Program and Scott Creek Watershed Council, as well as service projects such as beach clean-ups, trail maintenance, and school educational programs.

The Sustainable Quality Award organization comprises a team of county quality experts, management consultants, environmental specialists, organization development practitioners, and business and community leaders.

Swanton Pacific Ranch was donated by alumnus Al Smith (CRSC ‘44, M.A. AGRI ‘56) to the College of Agriculture as a living laboratory to provide students with hands-on instruction in ranching operations.

New bridge dedicated at Swanton ranch

The surprise dedication of a new bridge over Scott Creek was the highlight of a day’s activities at Swanton Pacific Ranch sponsored last fall by the Swanton Pacific Railroad Society.

Led by faculty emeritus Ed Carnegie, department head of the former Ag Engineering Department, the society comprises a group of volunteers who work with the ranch to maintain its narrow-gauge railroad and surrounding grounds.

At October’s “railroad day” they staged a barbecue and provided railroad rides. The new bridge was named the Edgar J. Carnegie Bridge as a surprise tribute to Carnegie’s efforts in bringing about its construction.

“Ed, his Swanton Pacific Railroad Society volunteers, and the Cal Poly students who worked with them to make this bridge a reality are to be commended for such an outstanding achievement, truly reflecting ‘learn by doing’ in many ways,” said Al Amaral, director of the Cal Poly Foundation, who attended the railroad day and the bridge’s dedication. “This is just another example of Ed’s creative talent and determination to make the Swanton Pacific Railroad a signature showcase to enhance the educational attractiveness of the Swanton Pacific Ranch to all who visit and use its valuable resources.”
An increase in units taken per student reflects a steady trend at Cal Poly over the past decade. The fall 1998 enrollment showed that students are taking more units than in the past. The campus offered about 100 more class sections than in fall 1997, and the overall average student load increased to 13.92 units (14.13 units for undergraduates).

The CSU allocates operating funds to Cal Poly each year based on "full-time equivalent" enrollment targets calculated on the basis of 15 units per student per term. So as student loads increase, Cal Poly receives more funds to support instruction, as long as enrollment stays close to the target. Last fall, Cal Poly enrolled 16,296 students at a full-time equivalency of 15,121, within 1 percent of the target set for Cal Poly by the CSU.

Fall 1998 enrollment was lower than fall 1997, when student numbers exceeded the CSU target, but Cal Poly did not receive funding for the excess. The university is consciously managing admissions to keep enrollment in closer alignment with its operating budget. Thus, Cal Poly expects enrollment to be lower each quarter for the present academic year.

"I dwell in Possibility —" ... was a celebration in words by Emily Dickinson and music by Gordon Getty presented by Cal Poly's departments of English and Music and the College of Liberal Arts. Getty's Dickinson song cycle, The White Election, has been performed domestically and internationally and is available on compact disc. Honored as an Outstanding Composer at the John F. Kennedy Center for the Performing Arts in 1986, Getty continues to win high praise for performances of his music nationwide and overseas.

Pictured here are Mary Rawcliffe, soprano and Cal Poly voice instructor; Getty; and William T. Spiller, pianist and Cal Poly associate professor of music. (Photo by Michael K. Wong)
Farmers' Rice Cooperative board chairman Al Montana (AGS '67) ... was presented a special plaque honoring his 14 years of service in that role by President Warren J. Baker, the surprise speaker at the cooperative's annual dinner. Montana was the 1996 honored alum for Cal Poly's College of Agriculture. The Farmers' Rice Cooperative has established the Alfred G. Montana Agricultural Achievement Scholarship fund in the College of Ag to honor Montana's many contributions to the agricultural industry, particularly in the area of water resource conservation. (Photo courtesy Farmers' Rice Cooperative)

Correction

In the fall '98 issue of Cal Poly Magazine, Buck Lucas' name was inadvertently left out of the item on the Cal Poly agribusiness team's win at the National Agri-Marketing Association's student competition in Dallas, Texas ["Student teams recognized for national wins"]. Lucas (left) was omitted from both the group photo and caption. We apologize for this error. — Editor

EXTRA CREDIT

- David Conn began his duties as Cal Poly vice provost for academic programs and undergraduate education on Jan. 1. He is an administrator with more than 25 years of university experience, most recently as special assistant to the president and a professor in the College of Architecture and Urban Studies at Virginia Polytechnic Institute and State University.

- The state's comprehensive $9.2 million A1 bond act, approved by 62 percent of California voters in November's election, will provide about $27 million to Cal Poly to fund new construction projects, structural improvements, and technology infrastructure upgrades. This amount is Cal Poly's portion of $832 million allotted to the CSU system.

- The Cal Poly comprehensive physical master plan is being revised over the next three years, with a target date of March 2001 for submission to the CSU Board of Trustees.

- Cal Poly is conducting a self-study in preparation for the next accreditation visit this fall by the Western Association of Schools and Colleges. "The University as a Center of Learning" will be discussed by campus constituents in the areas of intellectual environment (including
student learning, faculty and staff development, academic programs, research, and scholarship; physical environment (university policies and processes, fiscal matters, and physical plant); and social environment (co-curricular activities, residential life, cultural programs, and community relations).

- A new theatre arts B.A. was offered by the Theatre and Dance Department to transfer students during winter quarter 1999 and to first-time freshmen this fall. The program includes courses such as introduction to theatre, black theatre, stagecraft, acting, directing, playwriting, and children's drama.

- A fall quarter Japan study program will comprise four weeks of study at Eastern Japan International University in Iwaki, two weeks touring Tokyo and other areas, and four weeks at Tenri University near Osaka and Kyoto. Based on the successful Thai study program, the Japan curriculum offers 32 openings overseen by two Cal Poly faculty members.

- The College of Business was one of four schools to be featured on "The Executive Forum," aired first locally on KSBY-TV and then nationwide. Accompanying host Jim Lovell, commander of the Apollo 13 moon mission, was Dean Bill Boynton and the other deans. The program looked at strategic alliances between business schools and industry partners to achieve educational goals.

- English Department Chair Linda Halisky and English Professor Kathleen Margaret Lant appeared with some of their students in "net.LEARNING," an in-depth PBS documentary on higher education in the digital age that explored the pros and cons of distance learning vs. classroom teaching and face-to-face interaction.

- Six Cal Poly professors in Who's Who Among America's Teachers, 1998 are Harold Cota, civil and environmental engineering; Barry Floyd, management; Charles Jennings, art and design; Paul Miklowitz, philosophy; Mahmoud Navi, electrical engineering; and Jack Robison, accounting.

- Cal Poly's Gold Programming Team finished second in the Southern California regional competition of the 1998-99 Association for Computing Machinery International Collegiate Programming Contest, sponsored by IBM to foster creativity, teamwork, and innovation in building new software programs. In April the team will travel to Eindhoven, the Netherlands, for the World Finals.

- The Hispanic Outlook in Higher Education rated Cal Poly fourth out of 100 California institutions in its 1998 "Publisher's Picks," a list of nationwide colleges and universities offering outstanding opportunities to Hispanic students. In 1995, 1997, and 1998 the Outlook ranked Cal Poly among the top U.S. universities in the number of bachelor's degrees awarded to Hispanics.

- Julie Janai, a civil engineering re-entry student who has overcome multiple obstacles to pursue her dream of earning a college degree, is one of three CSU students to win the statewide 1998 Trustees' Award for Outstanding Achievement. The award, which carries a scholarship of $2,500, is given to full-time students who demonstrate financial need, superior academic performance, community service, and personal achievement.

- Kimberley Mastako (CE '92, EMP '94), who is pursuing her doctorate in transportation engineering from Texas A&M, was selected to join the Eno Fellows, an elite group of outstanding graduate students in the field of transportation. The Leadership Development Conference brought 19 such students from across the nation to Washington, D.C., to review policy development and implementation processes affecting the transportation industry.

- Campus Dining received a WRAP (Waste Reduction AwardS Program) award for the fourth year in a row. WRAP is administered by the California Integrated Waste Management Board to reward and encourage businesses that reduce, reuse, and recycle.
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CAL POLY MAGAZINE Spring 1999 21
**SPORTS NEWS**

**Groundbreaking sets stage for new sports complex**

It's been a long time in the making, but construction for the Cal Poly sports complex has finally begun.

The 18-month, $9 million project will soon be available for all students to use.

"The complex will provide quality, on-campus resources for student recreation and intercollegiate competition and practice," said John McCutcheon, Cal Poly athletic director.

When the project planning began in 1992, several potential sites were being researched to replace the lost fields from the construction of the Rec Center and the Engineering Building, as well as to replace fields scheduled for future development.

In 1996 the site was selected west of the general parking lot near the ag units, and an environmental impact report was requested. After viewing the EIR, plans were revised in order to widen the buffer zone around the complex.

In 1997 the city of San Luis Obispo reversed its $3 million commitment. In response, Athletics increased its stake from $3 million to $4.1 million with help from a contract with Pepsi, and ASI extended its $7 tuition increase from 15 to 27 years, increasing the student share from $3 million to $4.9 million.

Also instrumental in the sports complex and the renovation of Matt Gym [see story on page 23] was the Cal Poly Foundation. It provided the financing vehicle for both projects by backing the loans that will be repaid through capital campaign proceeds.

While construction is under way, $1.8 million is still needed to complete the project. For further information, contact Chuck Sleeper, associate athletic director, at 805/756-7194.

"This project represents the culmination of a tremendous amount of work by our Capital Campaign Steering Committee, university administrators, staff, and our students," said Sleeper. "This sports complex is vitally important to our program's future success and we're looking forward to dedicating these tremendous facilities."
Chargers owner gifts $100,000 to new sports complex

Just a few days before its groundbreaking, the Cal Poly sports complex received a major boost with San Diego Chargers owner Alex Spanos’ contribution of $100,000.

"I was inspired to help with this important project because of my fondness for Cal Poly and my love of sports. I believe a modern athletic plant is vital in providing a well-rounded education for Cal Poly students now and in the future," said Spanos.

"This donation is part of a capital campaign for athletics," said John McCutcheon, Cal Poly athletic director. "We have been talking with the Spanoses for a little over a year."

Bobby Beathard (PE '59), general manager for the Chargers, is honorary co-chair of the Athletic Department’s campaign.

Spanos, who attended Cal Poly before graduating with a degree from University of the Pacific, is well known for the many contributions he makes to organizations each year. “A number of people worked diligently to bring Mr. Spanos’ gift to fruition and we’re very pleased to have his endorsement and support of our campaign,” said Chuck Sleeper, Cal Poly associate athletic director.

With his gift, Spanos joins 14 other contributors in being recognized as a founder of the sports complex. All founders will receive recognition on a donor plaque in the plaza area of the complex.

Mott Gym renovated

Mott Gym, home to the Cal Poly men’s and women’s basketball teams and the women’s volleyball and men’s wrestling teams, has received a face-lift. The most significant improvement is the seating, which will now hold just over 3,000 fans. Spectators will no longer have to endure the old wooden bleachers that have been a part of the gym since it opened in 1960. New chairback seats on the home side and part of the baseline, and comfortable bench seating on both baseline and the student section, have made the bleachers obsolete. The seats match Cal Poly’s forest green school color and give a new “arena” feel to the gym. (Photo courtesy Cal Poly Sports Information Office)
Nation takes notice of Mustangs

Cal Poly's basketball program is gaining national recognition.

The Mustangs, who began the season with a conference high of five starters, were selected Western Division favorites in November by both coaches and media. Of the 12 first-place votes, Cal Poly captured nine. The same month, five of seven college basketball magazines picked the Mustangs for the top of the Western Division conference.

Magazines giving Cal Poly a first-place ranking were Lindy's, Basketball News, Preview Sports, Dick Vital's College Basketball, and Athlon. The Sporting News and Street & Smith ranked Cal Poly second behind Long Beach State and the University of the Pacific, respectively.

Basketball team welcomes three new recruits

The Cal Poly basketball team should be getting a few new faces next year.

According to a variety of sources, the Mustangs are expected to sign three recruits who are entering their senior high school seasons: Mark Campbell, the 6-foot-3 point guard from Mount Vernon High School in Washington who led the team to a third-place finish at the Cal 3A tournament; John Hoffart, a 6-foot-10, 235-pound center from Davis High School who was rated by West Coast Hoops as "perhaps the most underrated big man in the country and a major pickup for Big West"; and Brandon Hulst, a 6-foot-4 wing from Hushson High School. "We have three guys who have committed verbally," said Coach Jeff Schneider. "If we can get it taken care of early, it helps put all of our focus and our energy into the season."

If all three recruits sign, it will complete the recruiting class for the 1999-2000 season. Ben Larson, Ross Ketcham, and Steve Fleming are all entering their senior seasons.

Also receiving high marks were individuals from the team. Cal Poly junior Mike Wozniak was picked as an all-conference selection by all seven magazines, with one vote for player of the year, and "best NBA prospect" by Lindy's, and "best shooter" by The Sporting News. The Basketball News ranked Wozniak 69th of 100 players to watch: "He's not imposing, and he's not a great athlete, but he's tough and gutsy — and oh, he can shoot."

Sophomore Chris Bjorklund was repeatedly included as a first-team selection, with a few second-team selections, and point guard Ben Larson was dubbed "best playmaker" in The Sporting News. Preview Sports also named Coach Jeff Schneider as its pre-season pick for coach of the year. 

A new weight room under construction... was the result of generous in-kind contributions from Chamblin-Landes Construction Inc. of Paso Robles, Thoma Electric, All-Pro Dry Wall, Copeland's Sports, Cal Poly Facility Services, and several construction workers. Cal Poly Athletics will enjoy the 3,000-square-foot weight room this spring. Donor contributions will assist in the purchase of strength training equipment. If you are interested in supporting the project, please call 805/756-7194.
NCAA rewards Cal Poly players

The National Collegiate Athletic Association (NCAA) has fully certified Cal Poly's NCAA Division I athletic program.

The national organization that oversees most of the intercollegiate sports in the country declared that Cal Poly is "operating its athletic program in substantial conformity with operating principles adopted by the Association's Division I membership."

According to Cal Poly officials, NCAA certification is similar to gaining accreditation common to most of the university's academic programs.

"This is a tremendous accomplishment for Cal Poly only four years after we joined the ranks of the NCAA Division I," said John McCutcheon, Cal Poly athletic director.

The certification process began almost two years ago. Cal Poly faculty, staff, and students submitted self-study reports along with findings of outside reviewers who evaluated the program during a four-day visit to the campus.

Program evaluators for the NCAA also looked at the athletic program's academic and financial integrity, rules compliance, and commitment to equity as measured against national NCAA standards.

"The certification shows Cal Poly's commitment to policies and practices of the NCAA," McCutcheon said. "I'm very proud of everyone who has contributed to enhance the athletic program and brought us to this point."

SPORTS ROUNDUP

FOOTBALL
The 1998 fall sports season came to a close as the football team defeated Liberty University 45-35 on Hall of Fame Weekend. Senior quarterback Chad Henry tied a school record with four touchdown passes in the game, while junior tailback Craig Young had 109 yards rushing and 101 yards receiving in the game.

Plagued by injuries for most of the season, Cal Poly finished 3-8. Senior running back Antonio Warren capped his career off as Cal Poly's all-time career rushing leader with 3,834 yards. The team also earned wins over Western New Mexico and Saint Mary's this year.

SOCCER
The men's and women's soccer teams narrowly missed berths in the NCAA playoffs after strong seasons.

- The men's team finished 11-7-2 overall and fourth in the MPSF with a 6-3 record. Highlighting the year was a 1-0 win over number 8 Stanford at Mustang Stadium. Martin Haynes and Brian Lange led the team with six goals each this fall.
- The women's team finished 9-6-3 overall on the year, suffering just one loss in conference play (5-1-3), losing to eventual champ University of the Pacific. Five players earned all-conference honors, led by standout Gina Oceguera, Jill Nelson, Andrea Sievers, and goalie Natalia Garcia. Oceguera, who missed the first two games while participating on the Mexican national team, led the team with 11 goals in 12 games this year.

VOLLEYBALL
Women's volleyball finished the season 16-9 overall and 7-7 in the Big West. Six of the conference losses were to nationally ranked teams, including number 1 Long Beach State. Senior setter Jill Butts capped her career with a single season best of 1,119 assists. Junior middle blocker Kari De Soto led the team with 343 kills and 132 blocks.

TRACK
The men's and women's cross country teams had one of the best seasons since moving to Division I in 1994.

- The men's team finished no lower than third in each meet this year and captured the Big West Conference championship in November. They also turned in an impressive showing at the NCAA Regionals, finishing seventh overall.
- The women's team was sixth at the Big West Championship and 12th at the NCAA West Regionals.
Cal Poly's Honored Alumni, 1998

by Jaime Zuffoletto (JOUR '99)

College of Agriculture: Ralph E. Grossi (DSCI '71) is president of the American Farmland Trust, a private group that assists public agencies and individual landowners in protecting farmland from urbanization and development, eliminating soil erosion, and reducing agriculture’s impact on the environment. Grossi has been a member of the College of Agriculture Advisory Council since 1984.

“Competing on Cal Poly’s dairy cattle judging teams provided the opportunity to travel and meet many of the industry leaders with whom I would later work.”

(Photo by Rick Tang, courtesy Ralph Grossi)

College of Architecture and Environmental Design: Gerald G. Green (CRP '78) was appointed planning director by San Francisco Mayor Willie Brown in 1996. In overseeing upcoming projects such as developing the 300-acre Mission Bay area, a trans-bay terminal, and stadiums for the Giants and the 49ers, Green will play a major role in unprecedented changes in San Francisco. He belongs to the Mayor’s Senior Policy Advisory Group, the Treasure Island Development Authority, and the Mayor’s Workforce Development Task Force.

“This recognition reinforces the pride I feel each time I look at my degree or tell someone I graduated form Cal Poly.”

(Photo courtesy Gerald Green)

College of Business: Peter Oser (BUS '79) is a partner in Anixter & Oser Insurance. He is active in statewide organizations governing the insurance industry and participates in community groups. He remains active on the Cal Poly campus, speaking to classes and participating in the annual student-organized business seminar and serving on the College of Business’ advisory council since 1994. As a member of the council’s Fund-Raising Committee, he helped create material for volunteer training, reviewed the college’s fund-raising plan, and led fund raising for the recently established Owen Servatious Endowment.

“It was a pleasant surprise to be selected by the College of Business as this year’s honored alumnus.”

(Photo courtesy Peter Oser)
College of Engineering: Walt W. Wilson (EL ’65, MATH ’65) is the president of Solectron Americas and vice president of its parent company, Solectron Corp., an electronics manufacturing services company. As president of Solectron Americas, Wilson directs the administrative, engineering, and manufacturing operations at the 750,000-square-foot facility in the Silicon Valley. Before being appointed to president in 1993, Wilson served as vice president of program management and senior vice president of operations. Prior to working for Solectron Corp., Wilson spent 24 years working for IBM in a variety of domestic and overseas management positions. He earned his master’s degree from Santa Clara University.

“Cal Poly helped shape my life by balancing the academic and practical sides through the ‘learn by doing’ approach.”

(Photo courtesy Walt Wilson)

College of Liberal Arts: Barbara J. Raines (JOUR ’93) is a senior specialist in media relations for the Douglas Aircraft Co. and the spokesperson for the Long Beach Division of the Boeing Commercial Airplane Group. She also owns Raines Communications, which provides public relations and communications expertise for small businesses. Raines has served as public relations director for Rowan University’s Liberal Arts and Sciences Institute for Research and Community Service and was a public relations representative for Max Factor Co. and Halston Cosmetics. She is a member of the Cal Poly Journalism Advisory Board, a mentor with Young Horizons in Long Beach, and a member of the National Association for Female Executives. She earned her master’s degree from Rowan University.

“I spent many long hours in the Mustang Daily and KCPR newsrooms — ‘learn by doing’ wasn’t just the school’s motto, it was truly a way of life for most students.”

( Photo courtesy Barbara Raines)

College of Science and Mathematics: Richard J. Bradshaw (MATH ’70), executive director of Cooley Godward LLP, a law firm with 375 lawyers, manages the firm’s business affairs. The firm serves emerging companies and a diverse roster of technology clients from San Diego, Seattle, and Denver. After earning a business degree from Stanford in 1972, Bradshaw began his career working as a corporate banker. After working with both the Republic Corp. and the Landsing Corp., Bradshaw switched his career to law firm management and joined his current employer. He has served as director of Montgomery Street Income Securities, a New York Securities Exchange-listed mutual fund, since 1991. He has also served on the board of San Francisco school volunteers for four years and as president for one.

“Cal Poly is much more than a successful university; it’s an experience that radiates far beyond the campus boundaries and endures long after graduation.”

(Photo courtesy Richard Bradshaw)
**University Center for Teacher Education:** Hugo E. Lara (MA Ed '89) has served as superintendent of the Guadalupe Union School District since 1985. After earning both his credential and master's degree from Cal Poly, Lara earned a doctorate at USC. He started his career as a bilingual teacher at Mary Buren Elementary School in Guadalupe in 1978, then moved to Kermit McKenzie Junior High, where he took a position as a bilingual resource teacher. In 1984 he became the principal. During his six years there Lara also served as special projects director for the Guadalupe Union School District office. In 1995 he earned a Distinguished Teacher-Administrator award from the State of California Association of Educators.

"Knowing the high caliber of alumni, it is a great personal celebration for me to have been chosen as an honored alumnus. I have great respect and admiration for the university faculty."

*(Photo courtesy Hugo Lara)*

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**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.

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**The Cal Poly Alumni Association sponsors a variety of educational trips and travel throughout the year.**

For details, contact the Alumni Relations office at 805/756-2565; fax 805/756-5413; e-mail alumni@boes.calpoly.edu.

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**Golf tournament scheduled for May 1**

The Graphic Communications Department and Mat Pica Pi will hold their 12th Annual Alumni Golf Tournament on May 1 at Dairy Creek Golf Course. Call Red Heesch at 805/756-2257 or contact him via e-mail at hheesch@calpoly.edu for reservations or information.
Homecoming '98 shines through the rain . . .

"Poly through the Decades" drew a crowd that included honored alumni [see story, pages 26-28], "Golden Grads" and other reunion members, and revelers at the annual parade, winetasting and tailgate, and football game. Here members of the student spirit club, Running Thunder, cheer the Mustangs on during their victory over Western New Mexico. (Photo by Doug Allen)

April Open House spotlights campus and community

Cal Poly's Sixth Annual Open House, "Breaking New Ground," will be held on Friday and Saturday, April 16 and 17. This event showcases the excellence of Cal Poly and its immediate community of the county and city of San Luis Obispo.

Friday is Admitted Students Preview Day, which gives admitted students, their family, and friends a chance to view the educational facilities, meet faculty and staff members, and become acquainted with the campus and San Luis Obispo's collegiate lifestyle.

Saturday, April 17, is the Open House Showcase. Alumni, parents, and community members, along with current and future students, can participate in activities featuring numerous department and student displays. Over 200 campus clubs and organizations will host interactive displays and presentations, exhibits, and food booths.

Open House is organized and run by a committee of 30 student volunteers under the guidance of the coordinator of New Student Orientation Programs and Services. For additional information, contact the Open House Hotline at 805/756-2764.

The annual truck and tractor pull is a big draw during Open House. (Photo by Joe Johnston)

CPAA scholarships awarded

The Cal Poly Alumni Association is proud to announce the recipients of this year's scholarships, and thanks everyone who made them possible:

Melissa Ann Cook and Dana M. Volstorff — Cal Poly Alumni Central Coast Chapter Scholarship
Carrie Jennifer Correia — Cal Poly Alumni Central California Chapter Scholarship
Shane Marie Davis — George Watte Memorial Scholarship
Greg Kump and Kerry Sargent — Cal Poly Alumni Association Scholarships
Benjamin Aaron Miskie — Cal Poly East Bay Alumni Chapter Scholarship
MBNA supports Rose Float Association

The Cal Poly Alumni Association, with the support of its official MBNA credit card, will provide the Rose Float Alumni Association with $10,000 over the next four years. The $2,500-per-year allotment was created to establish an endowment for the purpose of enhancing Rose Float activities at Cal Poly. The Rose Float Alumni Association has been a long-time supporter of the Cal Poly Alumni Association and its activities.

For more information about this endowment or Rose Float activities, contact the Rose Float Office at 805/765-1268.

Alumni wrestlers invited to June reunion

A reunion of Cal Poly wrestlers is being planned for June 18-20 in San Luis Obispo. The event will begin with a social at the Embassy Suites in the Central Coast Mall, and will include golf and a barbecue on Saturday, and breakfast on Sunday.

It was 30 years ago this spring that Cal Poly hosted the 1969 NCAA College Division National Championships, coming away with four individual champions and the team championship, and going on to place fifth in the NCAA University Division Championships. Members of this team will be honored.

For more information or to RSVP, contact Vaughan Hitchcock, 580 Country Lane, San Luis Obispo, CA 93401 (805/543-8120) as soon as possible.

Call for Nominations

Nominations are currently being accepted for the Honored Alumni and Athletic Hall of Fame programs. If you would like additional information on either program, contact the Alumni Relations Office at 805/756-2586.

Alumni fly-in set for June 26

Mark your calendars for Saturday, June 26, for the Second Annual Cal Poly Alumni Fly-In/Drive-In at Castle Air Force Base in Atwater. The association encourages all alumni, parents, families, and friends to join in for a day of exhibits, including a two-hour space mission at the Challenger Learning Center, flight simulators, the air museum, a Santa Maria barbecue, and much more. For added information and reservations, please contact the Alumni Relations Office at 1-888-CAL-POLY.
Hewlett-Packard gives generously to engineering and science and math colleges

- When the Hewlett-Packard Embedded Systems Laboratory was dedicated in the Engineering East Building by the Computer Science Department, the Electrical Engineering Department, and the Computer Engineering Program, the ceremony acknowledged millions of dollars' worth of equipment from HP over the years.

  "HP has been a partner with Cal Poly ever since the 1950s," said President Warren J. Baker, and our students have benefited tremendously from this longstanding relationship. We are indebted to HP for providing our undergraduate and graduate students access to state-of-the-art technology and computing systems."

  The lab includes two servers, eight workstations, and eight analyzers.

- The Mechanical Engineering Department has unveiled the Hewlett-Packard Mechatronics Laboratory, an interdisciplinary facility comprising $500,000 worth of state-of-the-art equipment donated by Hewlett-Packard to give students hands-on experience in the design of "smart" mechanical/computer products and systems. "I've watched Cal Poly's mechatronics program evolve from a couple of spare printer parts that students turned into robotic 'mice','' said Dave Pinkernell (ME '81) research and development manager at HP's Vancouver, Wash., printer division. He has been instrumental in the development of the mechatronics concentration at Cal Poly.

- Hewlett-Packard has also donated a $21,500 HP C200 graphics workstation to complete the Computational Chemistry Lab in the College of Science and Mathematics' Chemistry and Biochemistry Department. The lab has been renovated as the primary facility for integrating computing into chemistry coursework. [Photo courtesy College of Science and Mathematics]

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Gifts

- The Agfa Division of the Bayer Corp. of Ridgefield, N.J., has donated more than $200,000 worth of equipment to enhance prepress education at Cal Poly, particularly in the Graphic Communication Department's design reproduction technology concentration. "Agfa's support of design reproduction technology at Cal Poly is unprecedented and represents core technology in bridging design to prepress and press," said Department Head Harvey Levenson. "It has been instrumental in preparing qualified graduates for the printing and publishing industry."

- Grafix North America of Burr Ridge, Ill., donated a $50,000 central ink-temperature-control system to the Cal Poly Graphic Communication Department for installation on the department's Heidelberg's four-color 29-inch Speedmaster press. "This industry support enhances our students' learning through both the hands-on management of this technology and related senior thesis studies," said Professor Steve Mott, who heads sheet-fed press instruction. [Photo courtesy Graphic Communication Department]
We welcome alumni news on jobs, moves, and special activities. Include your name — first, last (maiden) — major and graduation year (or dates of attendance), address, phone, employer/position. Mail your item to “Class Notes,” Cal Poly Magazine, Heron Hall Room 204, Cal Poly, San Luis Obispo, CA 93407, or send via e-mail at arts@oasis.calpoly.edu.

Note: Due to the large number of submissions, we publish alumni information only, on a first-received basis, reserving later items for the next issue. We print information on events that have already occurred only. We try to avoid duplicating department newsletter items, and do not publish or return unsolicited photos.

'30s
- Ellis T. McClure (ASCI '37) past director of the Cal Poly Alumni Association, currently serves as a volunteer for the Service Corps of Retired Business Executives (SCORE) and the Small Business Administration. He lives in Coeur D'Alene, Idaho.

'40s
- Gillian Brown Jr. (OH '48) is very active in SPEBQSA and sings in a barbershop quartet. He participates in historical events in San Luis Obispo, where he resides. Music and horticulture are still his loves.
- Robert H. Raybourn (ASCI '48) enjoyed a day at Open House. He lives in Lake Forest.

'50s
- Jack Albright (DSCI '52) co-authored a book, The Behavior of Cattle, and was one of seven to be inducted into the Paso Robles High School Academic Hall of Fame in 1998. He is living in West Lafayette, Ind.
- Thomas Bedell (ASCI '53) has retired from Oregon State University, where he was an extended rangeland resources specialist. He lives in Philomath, Ore.
- William R. Belcher (OH '53) worked for the city of Fresno’s Parks and Recreation Dept. for approximately 37 years, retiring in 1990 after several years as park manager. Since then he has managed a family raisin-grape farm and was honored by the dedication of a neighborhood park in his name.
- Lloyd Birrer (AERO '54) has spent his retirement bicycling across America and Australia. He has hiked into the Grand Canyon and has kayaked Canada’s Yukon River. He lives in West Hills.
- Eugene Robinson (AERO '55) retired in 1996 as a project manager for the Sacramento Metropolitan Water Authority. Since then he “has spent considerable time away from home studying to be a ‘road scholar.’” His most recent travels have been in Spain, Portugal, and France, including crossing from Antigua to Spain in a 130-foot sailing ship.
- Ron Rodrigues (ASCI '55) has been re-elected to the San Benito County Board of Supervisors. He is currently living in Hollister.
- Lester G. Emigh (ASCI '56), who resides in Lodi, has worked for the River Delta Unified School District for 30 years, serving as student teacher supervisor for the past nine years. His daughter, Karen (Emigh) McIntosh (LS '83), and his son, Kevin Emigh (CE '88), are also Cal Poly graduates.
- Ugo Lea (CRSC '57, M.S. AGRI '60) has retired from farming and moved to Oakdale.
- Gordon Chan (OH '59) and his family were selected by the Chinese Historical Culture Project of San Jose as their early pioneer and community services honorees. The Chans live in Milpitas.
- Harry Nakaue (PI '59) retired in 1997. He is living in Corvallis, Ore.
- J. Marshall Phillips (FM '59) retired in 1997 after more than 27 years with S-K Ranch/Shannon Vineyards in Visalia. He lives with his wife in Morro Bay.
- Frank A. Tranfa (MATH '59) has spent nearly 40 years in a variety of technical and management positions in the computer and electronics industry. He lives and works in The Woodlands, Texas.
Robert Kempel (AERO '60) retired from NASA, where he worked as a research engineer in 1986 and is now working as a consultant for PRC Inc. He lives in Lancaster.

David Buchla (PHYS '61) completed his second textbook, Fundamentals of Analog Circuits, and is an electronics and physical science instructor at Yuba College. He resides in Marysville.

James B. Duff (MATH '61) is a retired civil servant, serving 26 years as a math statistician for the U.S. Navy in Norfolk, Va. He lives in Virginia Beach.

Jere Patterson (EL '61) is the chief operating officer of Savi Technology Inc. He lives in Palo Alto.

Rose Marie Botting (ELEM ED '63) is the science curriculum specialist for Broward County, Fla. She has four grandchildren and is living in Fort Lauderdale, Fla.

Barbara F. Percy (HE '63) is living on a family dairy farm in Stowe, Vt., with her husband and son.

James D. Clark (FM '64) has been married for 38 years and is “motor homing around the country” with his wife. He resides in San Luis Obispo.

Robert E. Weaver (AGB '65) is retired from the Stanislaus County Ag Commissioner’s Office after having served as a deputy agricultural commissioner for 20 years. He is currently involved in farmland development. He lives in Modesto.

Karen Robertson (ED '64) is trying to make parenting simple.

In her book Raising Kids Right, Robertson gives advice to parents about everything from waking children up in the morning to putting them to bed at night. Each chapter deals with an individual issue or event parents and children might encounter during the day.

“A lot of parents try to fix the whole picture at once,” says Robertson. She believes it is easier to fix parts one by one.

And the proof is in the pudding. Robertson is the mother of two grown and successful children.

“As they were growing up I kept a handwritten book for each of them,” says Robertson. “I took stories from those journals to illustrate points in the book.”

One of the most important tools a parent can use is positive reinforcement. Robertson believes children respond to praise better than anything else.

The idea of praising a child for doing things correctly instead of only scolding them when they do wrong even draws in readers who aren’t parents.

“This book is for everyone,” says Robertson. “It teaches people how to relate to children in an easy-to-read manner.”

Robertson has been in the education business for more than 32 years. She has taught people from grades three through the university level.

She no longer teaches in the classroom, but is teaching teachers.

“I love to teach,” says Robertson. “So I have to keep teaching someone.”

Karen is also a professional clown. She visits her local Christian schools as Ditzi, her other personality. Teaching is still her full-time job, but when she retires she plans to have Ditzi visit a lot more areas to spread more cheer.

“It’s fun to make people happy and make them smile,” she says.
- Jeffrey S. Wilson (ARCH ’65) is president of the Alaska chapter of the American Institute of Architects. He currently practices in Alaska, California, and Washington, with offices in Anchorage.

- Joe Lee (PE ’66) retired from Foothill College, where he was an athletic trainer and physical education instructor. He lives in Arizona and volunteers at a local hospital emergency room.

- Jo-Ann Cutshall, who studied home economics in 1967, is coaching the Rosary High School girls’ tennis team. She lives in Anaheim with her husband and son.

- Frederick Lopez (MATH ’67) is the software engineering department manager for Raytheon Systems. He retired from the Marine Corps Reserve after 31 years of service and was awarded the Distinguished Service Medal. His wife, Anne (Galletley) Lopez (PI ’69), is the administrative officer for the Sheinburg/Merrin Medical Group in Santa Barbara. The Lopezes have two young daughters and live in Goleta.

- Cathy G. Shaw (ENGL ’68) lives in Chula Vista.

- William C. Zollner (BUS ’68) is president and chief operating officer of Cellular Technical Services in Seattle. He would enjoy hearing from members of the class of ’68, “especially some of my teammates in football and baseball.” He lives in Bellevue.

- John Lucin (MA ED ’69) is the vice president and branch manager for Morgan Stanley Dean Witter in Santa Fe, N.M. He is married with one young son.

- Frederick E. Mershon (IE ’69) is the manager of the data technology services and development department of USS-Posco Industries in Pittsburg, Calif. He lives in Rio Vista.

- John Michalec (IE ’69) is the sales manager for Groen Inc., which sells and produces equipment in the mixing industry. He resides in the Chicago area.

- Kenneth Reid (EE ’69) is enjoying his new career as a technical writer. He is currently living in El Cerrito.

- Mary (Hurtt) Burnette (JOUR ’70) is communications manager for the National Wildlife Federation in Vienna, Va., where she is responsible for media relations and other communications initiatives related to the federation’s educational outreach programs. Previously she served as director of communications for the Council for Responsible Nutrition.

- Jane Haven (ME ’70) is the vice president of strategic analysis for Texaco. For his promotion Haven moved to Houston, Texas, from Riau Province, Indonesia, where he was senior vice president-Sumatra.

- Glenda Katt, who studied home economics in 1970, will teach math full time at Carondelet High School in Concord. Her husband, Gerald D. Katt (MATH ’69), is retired from Pacific Bell. The couple lives in Concord.

- Alan L. Roach (CRSC ’70) is a manager at Western Farm Service and lives in Delano.

- Michael Stromberg (ARCE ’70) is practicing commercial and general contracting in Flagstaff and northern Arizona. He lives in Flagstaff with his wife and two children.

- Gary Thompson (ARCE ’70) celebrated his 25th year at M. Rosenblatt and Son Inc. in San Francisco, and was promoted to full vice president. His wife, Janelle (Hart) Thompson (ENGL ’70), is vice president of marketing at Beringer Wine Estates in Napa.

- Gillian Surmont (ENGL ’71) has received certificates of recognition for her more than 20 years of service working with people with severe handicaps. She resides in Ventura, where she is the president of the Ventura Unified Education Association.

- Brian McGuiness (JOUR ’72) began marketing his new book, Coffee on the Wing Beam, a memoir of his days in the Vietnam and Cold Wars. He is living in Clearlake, Wash.

- Mary Schofield Nowee (ARCH ’73) is specifications manager at Persons Brinckerhoff’s San Francisco-area office, following five years’ work on the BART extensions.

- Timothy W. O’Connor (ENVE ’73) graduated from the Senior Executive Institute, completing two years of study sponsored
by the American Consulting Engineers Council (Washington, D.C.), the Brookings Institute (Washington, D.C.), and the Advanced Management Institute for Architects and Engineers (San Francisco).

- **Debra Duggan (SPC ’74)** is a professional chef for Central Coast Culinary, where she teaches classes. She also teaches culinary classes through San Luis Adult Education, and lives in San Luis Obispo.

- **R. Scott Hills (EL ’74)** is vice president of sales at Silicon Motion in San Jose, where he also resides.

- **Marvin James Kouf Jr. (ENGL ’74)** was involved in the motion picture “Rush Hour,” featuring Jackie Chan and Chris Tucker.

- **Michael Partain (JOUR ’74)** is attending Cal Western School of Law in San Diego, where he resides with his wife of 22 years.

- **David E. Schmidt (NRM ’74)** is the facilitator/project leader with the Mussel Shoals Land Management Office of the Tennessee Valley Authority. He lives with his wife of 31 years in Florence, Tenn.

- **Thomas Self (SOCS ’74)** was promoted to chief financial officer at Mediagate Inc. He lives in San Jose.

- **Fred Sweeney (ARCH ’74),** a principal in the architectural firm Phillips Metsch Sweeney Moore Architects, has been awarded the design contract for the Cuesta College North County Campus. He is a native of San Luis Obispo.

- **William Woo (CSC ’74)** has been promoted to director of engineering, Internet and embedded software, at Hewlett-Packard in Cupertino.

- **Michael Beanland (EL ’75, M.S. ENGR ’76)** is an electrical engineering manager at Coos-Curry Electric Cooperative in Southern Oregon. He resides in Port Orford, Ore.

- **Michael Coffman (PE ’75)** has retired from Intel Corporation after working there for 20 years. He is living in Folsom with his wife and his two young children.

- **Alan Fritchle (ARCH ’75)** is a member of the medical studio staff with Sugimura and Associates, Architects. He is living in Mountain View.

- **Shawn Martin (HIST ’75)**, a history teacher for the Sonoma Valley Unified School District, was awarded the 1993 and 1998 Who’s Who of America’s Teachers. He also owns a small business called ProPhoto in Boves Hot Springs.

- **Timothy McFarlin (BIO ’75)** graduated from Golden Gate University with a master’s of public administration in health services management in 1997, and is a clinical laboratory scientist. He and his wife, Victoria (Scollon) McFarlin (DFA ’78), live in Santa Rosa with their two children.

- **Christopher Ashley (ARCH ’76)** has started his own architectural firm. He resides in Poway.

- **Mary E. Beatie (CRP ’76)** was promoted to director of the Tulare County current planning division. She lives in Visalia.

- **Jerry Matheny**, who studied engineering technology in 1976, helps create neon signs at SignTech in Santa Maria. He also teaches extended education classes at Cal Poly. He lives in San Luis Obispo.

- **Harold J. Summers (LA ’76)** is the president of Forsum, Summers and Murphy, where he has worked for 20 years. The firm just won the National Association of Homebuilders Attached Project of the Year in Carlsbad. He resides in San Clemente.

- **Stephen Bosetti (ARCH ’77)** was promoted to associate of the DLR Group’s Seattle office. He lives in Seattle.

- **Trudi Carey (ARCH ’78)** was honored by the Santa Barbara News Press for her efforts as a licensed general contractor, real estate broker and developer, and mother. She lives in Santa Barbara.

- **Robert A. Cooper (FDSC ’78)** is working as a production manager in the liquid packaging division of Bio Flora International. He lives in Phoenix.

- **Peter Dannanfelser (ARCD ’78)**, an associate with CHMD Architects, spent five weeks in Turkey as an ambassador of peace. He also served four years on the citizens’ advisory committee for the renovation of the Sacramento Memorial. He lives in Sacramento.

- **Donald Fox (BIO ’78)** is a clinical associate professor of anesthesiology for the UC Davis Medical Center. He resides in El Dorado Hills.
Judith (Parsons) Gaughf (CFD '78) is a teacher at a small private school which specializes in teaching children with learning disabilities. She lives in Monterey with her husband and two children.

Maryanne Martin (FDSC '78) is working for the Monterey County Ag Commission as an ag inspector. She lives in Castroville.

Kathleen Nordstrom (FDSC '78) has relocated to Lodi after being in Texas for 13 years.

Brian J. Evans (BCHM '79, M.S. BCHM '81) has earned his Ph.D. and completed his postdoctorate work in the Veterinary Medical Dept. at UC Davis. He is a research scientist for Perkin-Elmer Applied Biosystems in Foster City. He lives in Mountain View.

Carol Gin (BUS '79) is the senior sales director with Mary Kay Cosmetics Inc. She is married to Jim Gin (IT '80). They have three children and live in Shell Beach.

Carolyn Searls (ARCE '79) has joined the consulting engineering firm of Simpson, Gumpertz, and Heger to lead the building technology group of their San Francisco regional office. She lives in Lafayette.

Stephen Sisack (GRC '79) has an Internet business pioneering the field of electronic commerce. He is living in Sacramento.

Suzanne Skeeters (PE '79) is a DC-10 captain. She flew on the first all-female DC-10 trans-Pacific flight. She lives on the Kona coast in Hawaii with her son.

David Bonta (JOUR '80) is working as a legal assistant for Peny, Miller and Johnson in Santa Rosa, where he lives. He has a young son and daughter.

Andrea (Shapiro) Chavez (ECON '80) has started her own company, Sweet 'n Fresh Fruits and Vegetables. She is the chairman of the Fullerton Junior Assistance League and a Cub Scout leader. She lives in Fullerton with her husband and two young sons.

Vincent Corsaro, who studied recreation in 1980, is a senior vice president with YMCA of metropolitan Los Angeles. He lives with his wife and two daughters in Laguna Niguel.

Robert Ditchik (BCHM '80) is the owner of Pet Greetings, a company which makes edible greeting cards for pets. He is living in Westlake Village.

Judi Levin (SOC '80) is the bilingual coordinator at Northridge Middle School. She is also teaching second-language acquisition methods and theories to credential candidates at National University. She lives in Northridge.

Lucille Morris (SOCS '80, M.A. ED '84) is living in Santa Maria.

Michael A. Schmitt (BUS '80) was promoted to senior vice president of sales and marketing for JD Edwards. He has moved to Denver, Colo.

Ray Acevedo (JOUR '81) is working for Olympus America Inc. as a technical support representative serving the western United States. He is living in San Diego.

Esther Bousquet (CFD '81) was voted Placer County's "Teacher Who Makes a Difference 1998."

Walter Brundy, who studied animal science in 1981, is the vice president of Valenzuela Engineering. He resides in Lompoc.

Jacquelin (Buratovich) Collins (ENVE '81) has been promoted to vice president of Camp Dresser and McKee Inc.

Wells D. Fargo (ME '81) is a supervisor of electrical controls at the San Onofre nuclear generating station. He enjoys living in San Clemente with his wife and young son.

Kathy Govea (NSCI '81) started her own part-time business as a nutrition director. She lives in San Diego with her husband, Danial Govea (EL '82), and their three sons.

Daniel P. Lodolo (BUS '81) is attending Azusa Pacific University for his M.A. and teaching math to sixth, seventh, and eighth graders. His wife, Laurie (Caddell) Lodolo (CFD '85), is the account manager for Flaherty and Crumrine Inc.

Dean Marietta (Bus '81) is controller and part-owner of Tri-County Truck Co. in Oxnard. He resides in Camarillo and has three young daughters.
Amor Camatcho (ARCE '82) is a structural engineer with Tye Spotts Davis in Greensboro, N.C., where he lives with his wife and daughter.

Bradford Collins (BUS '82) works for COMPASS Managing and Leasing. He lives with his wife, Elizabeth (Wheat) Collins (BUS '82), and their three daughters in Danville.

Robert L. Miller (ET '82) has accepted a promotion for director of information technology at Parker Hannifin in Woburn, Mass. He and his wife just had their fourth child and are living in Woburn.

Kimberly Pilger (BUS '82) has been working as a sales manager with IBM since she graduated.

Steve Arellano (PE '83) married in 1989 and moved to Solvang to start his own car dealership, Tri-County Auto. He lives there with his wife, child, and three stepchildren.

Shane Alexander (ARCH '83, CM '84) is attending the Santa Barbara College of Law.

Michael Holliday (ARCH '83) works for DesignARC, which has been commissioned to design a new $10 million cultural and retail center.

Laura Janik (IE '83) started Diversified Consulting, specializing mainly in health care. She lives in Union City.

John W. Lawson (ARCE '83) is the vice president and structural engineer at Kramer and Lawson Inc. He lives with his son in Trabuco Canyon.

John D. McRae (CSC '83) is the technical director for Real Select Inc. He lives in Tarzana.

Rolf Schumann (MATH '83) teaches math and coaches football at Christian Brothers High School in Sacramento, where he lives with his wife and two children.

Becky Williams (IT '83) is married and has two young children.

Susan Benjamin (CFD '84) is a Little League mom and manages her son's t-ball team.

Steve Camp (ARCH '84) has been selected by DesignARC Architects to renovate the Virginia Hotel into a Holiday Inn Express. He resides in San Clemente.

Frederick Fontanilla (ABG '84) is a senior account manager for northern California at Bane Boston Leasing Inc. He lives with his wife and daughter in Milpitas.

Jerome Hoberg (ARCH '84) and Sharon (Fujimoto) Hoberg (ARCH '84) have their own architecture and interior design firm, Nikolai Design Group, in Sacramento. They have been married since 1986 and have two young children.

Daniel G. Johnson (AGB '84) is the Kern County rural development manager for USDA Rural Development. His wife, Paula Johnson (AGB '85), teaches second grade at Almondale Elementary School. They live in Bakersfield with their three young children.

Mark Kuntz (ME '84) was named vice president for the distributed energy unit of the Unicom Corporation. He lives with his wife and four children in St. Charles, Ill.

William J. McGregor III (MA '84) has changed the name of his business to WJM Enterprises. He lives in Lockeford with his three young children.

Claudia McKnight (GRC '84) has adopted a young daughter from China. She flies helicopters and manages the U.S. Coast Guard’s maintenance department in Port Angeles, Wash.

Todd Sperber (PE '84) is the assistant athletic trainer for the Seattle Seahawks.

Diana Bell (LA '85) works part time with Carter-Burgers, a landscape architecture and environmental planning firm in Denver, where she lives with her husband, Brooke Bell (LA '85).

Karen (Matcke) Crosby (POLs '85) practices law in business real estate and estate planning in Walnut Creek, where she resides with her husband and two children.


Bruce Naylor (CSC '85) was honored by IBM for his work on Information Management System Version 6.1.
Elizabeth Read (CRC '85) has always loved to draw. "I love art and always drew as a kid," says Read. "I was lucky to find my passion early and continue with it."

She has worked in traditional media for many years, freelancing for several companies in San Francisco. "My first graphics job was doing paste-up at a design firm in the San Francisco Bay Area," says Read. In 1991 she moved to Seattle and found her way into the computer craze. "The Internet is powerful because it's global. It's fun to see my art on the Web."

Today Read works on projects ranging from illustrations for children's books to graphic designs on line. She is currently designing user interface art for a secret Microsoft Games Group product, due out on the market later this year.

While her work with Microsoft is exciting, she proclaims her illustrations for children's books as her favorite. "I enjoyed illustrating The Cat with a Black Ring," says Read. "It's rewarding to me to entertain people or bring a smile. My favorite thing is to teach or touch someone with my art."

Computers and books are not the only mediums for which Read creates illustrations — her work for the Colorado Home and Gardens Show can also be found on busboards and billboards.

Elizabeth Read and her two cats live in a small town near Seattle. Her work can be viewed at www.nwlink.com/-eread.

Lamar Shahbazian (MATH '85, M.S. MATH '86) was promoted to director of Fair Isaac Companies. He resides in Petaluma.

Tim Stockwell (EL '85) is an engineer of system integration who has been accepted into UCB's architecture program. He lives in Walnut Creek with his wife.

Melissa Boggs (E&SB '86) is married and living in Paso Robles.

Jeff Chacon (ARCE 1986) and Anthony Reynoso (BIO '88) have published a book, *E-Mate: Of Mouse and Men*, chronicling two years of e-mail correspondence described as "an irreverent look at life through the conversations of two best friends separated only by place." (For more info, see their Web site at www.acumenhouse.com.) Jeff lives in Denver with his wife, and Anthony and his wife live in San Diego.

Donna Dostalik (REC '86) is taking environmental management classes at UC Irvine and also studying wine marketing. She resides in Orange County.

Emily (Altenburg) Friedman (BUS '86) is a manager at Blackman and Sloop, CPA's, specializing in nonprofit organizations. She and her husband live in Durham, N.C., with their three children.

Leslie (Brown) Hench (BUS '86) and Jeremiah Hench (ECON '87) live with their three children in Los Gatos.

Peter Jones (MET '86) is married with four children and living in Tuscaloosa, Ala., where he is the director of metallurgical R&D.

Lars Perner (POL '86, BUS '89) was awarded his Ph.D. in marketing from USC. He will teach consumer behavior at the University of Maryland in College Park.

Scott Spicer (ME '86) is married with one child and living in Stockton.

Christopher Abeli (ASCI '87) is a pilot for Skywest Airlines. He lives in Morongo Valley with his wife, Petra Marent-Abell (ASCI '88), and their two young children.

Jon E. Baker (NRM '87) and his wife celebrated the birth of their second child in 1998. They also have a young son.

Kathleen Bayless (AGB '87) has traveled extensively with Airtouch International, living and working in Poland and Romania. She is now working at Cisco Systems and living in San Jose.
• Gregory Capitolo (BUS ’87) was promoted to manager of health data analysis for Hill Physicians Medical Group in San Ramon.

• David Cohune (SOCS ’87) lives in Alamo with his wife, Ellen Wright-Cohune (SPC ’88), and their three children.

• Kecia Davis (PE ’87) is an athletic trainer and spoke at the 1998 West Athletic Training Association’s annual meeting. She lives in Thousand Oaks with her two young children.

• Kirk Johnson (IE ’87) has moved to Manassas, Va., with his wife and three children.

• Denise McLean (ASCI ’87) lives in Paso Robles with her young daughter.

• Joan Skelly (SPC ’87) is a public information officer for a small community college in South Lake Tahoe. She lives in Incline Village, Nev., with her husband and their young son.

• Gregory Tarman (BCHM ’87) was promoted to lieutenant commander while serving at the Naval Medical Center in San Diego.

• Robert Bissell (CE ’88) and his wife, Carla (deVertevil) Bissell (ENVE ’88, ACRE ’89), both became professional engineers in 1993. They live together in the Bay Area, where Robert works for Turner Construction Co.

• Charles Duvall (ET ’88, ME ’88) is a partner in the DMG Corporation. He became a professional engineer in 1997.

• Brian Fitzgerald, who studied recreation at Cal Poly in 1988, was promoted to recreational superintendent in 1994. He has served on the executive board for the Nevada Recreation and Park Society since 1993 and became president in 1998.

• Kenton Hems (ARCH ’88) is the principal of Design Strategies, focusing on responsible design in the desert Southwest. He is also the president of the Imperial Valley Habitat for Humanity. He lives with his wife and three daughters in El Centro.

• Harlean Johanson (ENGL ’88, M.A. ENGL ’92) is working as a consultant at J.R. Johanson Inc. and teaches writing seminars at various business locations. She has 22 grandchildren and lives in San Luis Obispo.

• Angela (Alfred) McDonnell (BUS ’88) has a young daughter and lives in San Carlos.

• Kathryn (Kaiser) Nix (POLS ’88) is practicing estate and trust litigation in San Francisco.

• Robert Schaeffer (ARCH ’88) has been promoted to associate at Wimberly Allison Tong & Goo Architects, Planners and Consultants. He resides in Garden Grove.

• Jeannie Stowers (ABG ’88) has been promoted to account manager for Europe with Harris Moran Seed Co. She lives in Modesto.

• Arthur Webb (CHEM ’88, M.S. CHEM ’91) is the section head for marine coatings and corrosion control technology at the U.S. Naval Research Laboratory. He lives in Washington, D.C., with his wife and his young daughter.

• Adrienne Carey (REC ’89) has passed the CPA exam. She is living in Elk Grove.

• Boryana (Kadiev) Griffin (ARCH ’89) is married and has moved to Los Angeles. She started her own graphic design company, Catri, which specializes in wedding invitations and greeting cards.

• Kim Kuska (BIO ’89) was selected as a 1998 Who’s Who Among Teachers in America.

• Christopher Lowe (BUS ’89) has been named manufacturing controller for worldwide operations for VLSI Technology. He lives in Texas.
Rhonda (Stinson) Nash (BUS '89) is president of The Nash Group. Her husband, Cedric Nash (CSC '90), is owner and CEO of the Oakland Consulting Group. The Nashes built a home overlooking the San Francisco skyline, where they live with their young son.

Danielle Quayle (ARCE '89) is a project engineer with Briggs Cardosa Associates in San Jose, where she lives with her husband, daughter, and son.

Norma (Nadeau) Sagocio (GRC '89) is married with two children and living in Canyon Country. She is a substitute teacher for four districts in the Santa Clarita Valley.

Paul Starks (PE '89) is the acting head athletic trainer at West Valley College in Saratoga. He is living in Salinas.

Malia Taylor (BUS '89) was promoted to production control manager at Starbucks Corporation.

Bryan Baum (IT '90) was promoted to Rockwell Automation's global accountant program. He lives in Dana Point with his wife and two young daughters.

Judith Groverman-Walker (AM '90) is a media and public relations consultant for Kendall-Jackson and other Sonoma and Napa county wineries. She is married with a young son.

Lauren Howell (OH '90) is the director of Luthy Botanical Garden in Peoria, Ill. She is living in East Peoria with her two daughters, and has taught garden center management at Illinois Central College.

Mark Irish (CM '90) is working at Bilbro Construction Co. of San Diego as a project manager. He resides in San Diego.

Randal Karraker (JOUR '90) heads the recruitment and selection section for the city of Burbank. He resides in Burbank.

Ted Kohlenberger (AE '90) is enjoying the mechanical engineering profession, focusing on industrial refrigeration. He and his wife are living in Brea with their young daughter.

Steven Laxton (EL '90) has received a promotion and relocation with Seagate to Oklahoma City. He has a young son.

Kush Mirchandani (IE '90) is a product introduction manager in San Jose.

Collin Sam (BUS '90) is the controller for Western Asset, an investment management company located in Old Town Pasadena. He lives in Burbank.

Marti (Cordes) Scalise (HE '90) and James Scalise (ET '94) have three daughters and live in Sunnyvale. Marti stays at home with the children; James is a systems design engineer for EIS Inc. in Mountain View.

Gregory Spicer (ECON '90) is an account manager in southern California. He lives in Huntington Beach with his wife and two sons.

Jesus Barney (GRC '91) earned his juris doctor from Pettit College of Law at Ohio Northern University.

Bretton Betz (BUS '91) and his wife, Kendra (Mattson) Betz (PE '91), are enjoying life in Seattle with their young daughter.

Bradford Bishop (ARCE '91) has opened his own firm, Bishop Engineering Co., in Orlando, Fla., where he resides.

Kuuipo Burleigh (CSC '91) has moved to Anchorage to work as a software consultant for the Bureau of Land Management. He is enjoying working as a docent at the Alaska SeaLife Center.

Kurt Colvin (IE '91) and his wife, Leslie (Mitchell) Colvin (BUS '90), live in Corvallis, Ore., with their young daughter. Kurt is attending Oregon State University for his Ph.D.
• Kristy Johnson (JOUR '91) was promoted to manager at America Online in San Mateo. She is currently living in Los Gatos.

• Elizabeth Koehl (AGB '91) is an ag lender at a Morris, Minn., bank. She lives in Hancock with her husband.

• Christine Kohn (JOUR '91) has been appointed public affairs chief of "The President's Own," the U.S. Marine Band.

• Rita Leone (ESB '91) was valedictorian in 1997 for the University of San Francisco master's in environmental management program. She is married and lives in Redwood City.

• Laura Mariani (ENGL '91) is working as a senior administrative support assistant for MHPE engineering at the Intel Corporation. She lives in Sunnyvale and has expanded her writing experience to include Web authoring.

• Sean McMully (GRC '91) has accepted a position as controller at Hagadone Printing Co., the largest printer on the Hawaiian Islands. He now resides in Honolulu.

• Leslie McDougall (ART '91) is redesigning Healthy Choice products for Pedersen Gesk in Minneapolis, where she now resides.

• Bridget Meaney (JOUR ‘91) is working for the Joint Commission on Accreditation of Healthcare Organizations as a senior editor. She is also an officer of the court, where she acts on behalf of children. She is currently living in Carol Stream, Ill.

Jason Zinn (PE '92), Adam Zinn (PE '92), Mark Boyle (PE '91), and James Matuszewski firmly believe that when aches and pains start to hamper the ability to play hard, it's a signal that it's time to "Feelgood." If it hurts, chances are they can help.

Feelgood for Life Inc. was founded in 1993 by Jason Zinn, president, and Matuszewski, CEO, in the basement of Zinn's Denver-area home to sell physical-therapy gear to active, aging baby boomers. Since then they have added other therapeutic products, including magnetic therapy knee braces and back supports, and sleep and relaxation aids.

"Cal Poly's philosophy of 'learn by doing' helped me decide what career direction to pursue," says Jason Zinn.

The company has grown from just a few products to 30 employees, a Web site, a Denver store, and a 43-page catalog.

"We get a number of people calling us and asking us for help with their ailments. Jerry Seinfeld and most of the Seinfeld cast use some of our products, as well as Bryant Gumbel, Brooks Robinson, Steve Atwater, and a few Denver Broncos," says Adam Zinn.

In fact, Feelgood products have been shipped all over the world.

"We have a wide range of customers," says Jason Zinn. "It's not only professional athletes using our products, but golf-crazed retirees, baby-boomer tennis players and runners, high school soccer players, and many, many others."

The interest generated is due in part to the knowledgeable staff and Feelgood's "alternative" remedies.

Some of the treatments recommended might not be "conventional," but the Feelgood staff believe in every product they sell.

"I used to be skeptical," says Mark Boyle. "I thought it was just a bunch of hocus-pocus. Now I wear magnetic insoles because I've found they help my feet feel better."

Plans to send out more Feelgood catalogs are in the works for next year.

"It's going to be tough to send out 12 catalogs next year," says Boyle. "But we have goals that we want to meet."

If that ache just can't wait until their next issue, try contacting Feelgood for Life Inc. at www.feelgoodcatalog.com.
• Christopher W. Miller (EL '91) earned his MSEE from the Naval Postgraduate School in 1998 and is working as a research assistant. He lives in Monterey.

• Bret Watson (BUS '91) works in the Fremont/Newark Community College District and is residing in Fremont.

• Angela Guman-Due (HE '92) is the human resources specialist for Real Time Solutions in Napa, where she resides with her husband.

• Denise (Watte) Fairbanks (AGB '92) is a pharmaceutical sales representative for Janssen Pharmaceutical, a division of Johnson and Johnson. Her husband, Bill Fairbanks (AGB '94), is in his twelfth year as the owner of Sand's Liquor and Deli. The Fairbankses live in San Luis Obispo.

• Steven Galloway (ET '92) is an electrical engineer in Fontana.

• Jennifer (Newcomer) Gilbertson (BUS '92) is working for ACNielsen Vantis, a marketing firm in the East Bay. She lives in Pleasanton.

• Dave Hauxhurst (REC '92) has completed a teachers’ education program at Metropolitan State College of Denver and is teaching third grade at Monroe Elementary in Madera. He and his wife, Kimberly Hauxhurst (REC '92), live in Madera.

• David C. Kapic (IT '92) is the lead supply chain analyst for Schreiber Foods Inc. He claims that even though he is living in Packer territory in Suamico, Wis., he will not give up the Denver Broncos.

• Michael M. Kiley (BUS '92) is living in Lakewood, Colo.

• Lawrence Mangindin (CE '92) works as a structural engineer for TMP Architecture in Bloomfield Hills, Mich., where he was “pleasantly surprised” to discover that one of the senior architects was another Cal Poly grad. He lives with his wife and two young daughters in Berkley, Mich.

• Anthony M. Matusich (BUS '92) is in training to be a PeopleSoft consultant. He lives in Santa Clara.

• Matt McClain (ENGL '92) is the director of national sales and marketing for Mammoth Mountain Ski Area.

• Christopher Pike (OH '92) is living in Poway with his wife and young daughter.

• Caroline (Korock) Rankin (BIO '92) is working as an optometrist.

• Marnie (McCarthy) Rosenstein (CRP '92) is a planner for the Elk Grove Unified School District in Sacramento County. Her husband, David Rosenstein (EE '89), is a software design engineer for Industrial Control Links in Auburn. They live with their young daughter in Elk Grove.

• Joseph Smurda (BIO '92) is married and in his second year of residency at UCLA's Neuropsychiatric Institute. The Smurdas are living in Los Angeles.

• Kara Tansey (BUS '92) is a senior corporate auditor for Pacific Life Insurance in Newport Beach and has earned an MBA from California Lutheran University. She is living in Camarillo.

• Michael West (PE '92) is the head athletic trainer at Ayala High School in Chino. He also serves the Far West Athletic Trainers Association as chair of the Secondary School Athletic Trainers Committee.

• Elizabeth Aloe (JOUR '93) is an account manager for The Computer Network. She lives in San Francisco.

• John Bouchard (ME '93) is attending the University of Washington. His wife, Michelle (Murphine) Bouchard (JOUR '95), is working with Barclay Dean Interiors in workplace performance and interiors consulting. The Bouchards live in Seattle.

• Christopher Conner (PE '93) received his master's in athletic training at San Jose State and has accepted a job at Southern California College in Costa Mesa. He lives in Huntington Beach with his wife, Christy (Dominic) Conner (LS '94), and their young child. Chris is the son of Terry Conner (Jour '71) and grandson of E. Wesley Conner (OH '56).
• Timothy Craig (LA ’93, ARCH ’95) was promoted to associate research analyst at the San Diego Association of Governments. He lives in Escondido with his wife.

• Sonia Fiorenza (BUS ’93) is a communications specialist living in Calabasas.

• Paul Gabrielson (PE ’93) earned a master’s degree from San Diego State and is the team athletic trainer for the Piedmont Boll Weevils, the class-A farm team of the Philadelphia Phillies.

• Deborah Hall (ED ’93) received a doctorate in education from USC. She resides in Riverside with her young daughter.

• Allison Hennessy (IE ’93) is an operations analyst at Intraware, a company that sells and electronically ships and updates software for corporate Internets. She lives with her husband and young daughter in Vallejo.

• Bradley Holahan (ART ’93) is living in Fortuna with his wife and young daughter.

• Wes Holland (SPC ’93) is a senior event manager for Market Place Media. He is married to Lia (Garcia) Holland (SPC ’93), and the couple is living in Santa Barbara.

• Amy K. Johnson (SPC ’93) works in business development for Network Appliance in Santa Clara. She is living in San Jose.

• Sandy McCaleb (BUS ’93) was promoted to the State Board of Equalization in Sacramento. She is living in Pine Grove with her husband.

• Martha Medina (CM ’93) is married and living in Reno, Nev.

• Peter O’Malley (BCHM ’93) graduated from Georgetown Medical School in 1997 and is doing his residency in pediatrics at the UC Davis Medical Center.

• Jeffery H. Phillips (POLS ’93) was ordained as a minister in the Church of the Living God International, based in Columbus, Ohio. He is living near Houston, Texas, where he is employed as an accountant for Highlands Insurance Co.

• Lora Rendino (NSCI ’93) is married with two children and living in Woodbridge, Va.

• Tim Ridout (BUS ’93) is the financial planning and analysis manager of NetDynamics Inc. He is currently living in Menlo Park.

• Robert J. Russell (MATH ’93) is an associate software engineer at On The Go Software. He lives in Sunnyvale.

• Leslie Uhr (NRM ’93) is working in fire management for Sequoia/Kings Canyon National Park. She resides in Three Rivers.

• Laura Antalik (CEEN ’94) is an environmental engineer at Black and Veatch, an international design firm, and is attending Arizona State University for her Ph.D. She lives in Tempe.

• Kathleen C. Baylees (AGB ’94) earned an M.S. in organizational development from Pepperdine University in 1997. She is living in Santa Clara and working for Cisco Systems in global training and human resources.

• Cara Bergerson (ART ’94) is living in Wichita Falls, Texas, with her husband and young son.

• Kevin Comerford (JOUR ’94) is the president of Comerford’s Heating and Air. He is living in Pleasanton.

• Robert Eissler (ET ’94) is a network planner in network service management for AT&T. He and his wife live in Alpharetta, Ga.

• Joseph Fleischaker Jr. (CM ’94) is attending USC’s master’s program in real-estate development.

• Kelly (Richmond) Fredrickson (FNR ’94) is a research and development specialist in forest herbicides with the American Cyanamid Co. She and her husband are both living and working as foresters in Redding.

• Gustavo DeAnda Gonzalez (IE ’94) is an account manager at SiRF Technologies. He lives in San Jose.

• Stephanie Kwok (ARCH ’94) is working at Werner and Sullivan Architects in San Francisco. She resides in Belmont.
• Lori Morss (ASCI '94) works for Specifically Equine Vet Service in the reproduction department. She lives with her husband and young son in Solvang.

• Michael Pitman (AGB '94) is the operations manager for Anderson Clayton Corporation. He is married to DeAnna (Cruickshank) Pitman (AGB '94), who is working as a marketing director for Vision Marketing and Promotions. They live in Tulare with their young daughter.

• Leslie Robison (SOC '94) has received her MSW degree from CSU Long Beach. She lives in Laguna Beach.

• Kimberly (Hudson) Schmiedt (ABG '94) is a membership director at the Monterey and Santa Cruz Medical Society. She and her husband, Galen Schmiedt (CRSC '93), live in Salinas.

• Jeffery Tanaka (PE '94) is the assistant athletic trainer at UC Berkeley.

• Monique Vongehr (NSCI '94) is the director of dietary services for a psychiatric and chemical dependency hospital in Sacramento. She resides in Sacramento.

• Jennifer G. (Wells) Walston (AERO '94) was promoted to captain in the U. S. Air Force. She lives in Fairborn, Ohio.

• Jose Bragaslin (BCHM '95) was promoted to scientist II at Columbia Analytical Services in Canoga Park. He is currently residing in Oxnard.

• Christine Catilus (SPC '95) and Kyle Dykstra (OH '96) were married in August 1998. They are living in Danville.

• David Durnan (AERO '95) is a simulation development and integration engineer for the Boeing Co. in Seattle. He is living in Kirkland and attending the University of Washington.

• Paul Heppner (CRSC '95) and his wife, Rachelle (Little) Heppner (CRSC '96), live with their young son in Turlock.

• Kenny Hom (CSC '95) was promoted to senior software engineer at Northern Telecom.

• Leonard Montilla (EE '95) is a Navy ensign who is home in Barbers Point, Hawaii, after a six-month deployment to the Arabian Gulf.

• Frank Nunley III (AGB '95) started Nunley and Associates, which sells high-tech electronic components to the networking and biomedical field. He has bought a house in San Jose.

• Jim Ramirez (PE '95) is a physical education teacher at Lawrence Middle School in Chatsworth, where he has implemented an intramural sports program that includes traveling tournament teams. He is currently living in North Hills.

• Manuel Saavedra (AET '95) works for the Monterey County Water Resources Agency as a technician. He lives with his wife in Salinas.

• Michael San Buenaventura (EE '95) is an electrical engineer at Kajima International in New Jersey. He is living in the city of Bayonne.

• Maria Santana (POL '95) is a campus and residence hall minister at Santa Clara University, where she completed her M.A.

• Richard A. Silva (BIO '95) completed officer training school in Pensacola, Fla.

• Jeremy Y. Ting (ARCH '95) is working at Barry Swenson Builder in San Jose, where he resides.

• Jennifer Whitby (BUS '95) is working as an accountant for CHW North State Region in Redding, where she currently lives.

• Cynthia Williams (BIO '95) is the mother of two young children, and lives in Meridian, Ind.

• Samuel Caldwell (PE '96) is working as a middle-school physical education teacher in Danville.

• Gregory Chapman (MATH '96) is a QA manager at Phast Corporation. He lives with his wife in Salt Lake City.

• Portia Leyva (BCHM '96) is a graduate student at CSU Northridge. She is in the MBA program.
• Jay Merkel (ME '96) is a manufacturing engineer with Applied Materials, where he is responsible for coordinating continuous improvement projects for dielectric deposition manufacturing. He and his wife, Lisa (Forgie) Merkel (CSC '95) have bought a home in Los Gatos.

• Natasha Sysum (ENGL '96) is working as a corporate human resources representative for Cost Plus World Market. She lives in Alameda.

• David Whitesel (CE '96) is doing layouts and structural design of reinforced concrete pipe. He lives in Sacramento.

• Jennifer Alley (BCHEM '97) is a teaching assistant and graduate student at Washington University in Saint Louis, Mo.

• Edward Blalock (ECON '97) is the senior logistics consultant for Realtime Consulting Inc. He is currently residing in San Mateo.

• Casey Brooks (HIST '97) is married and attending Chapman's satellite campus in Santa Maria. He and his wife live in San Luis Obispo.

• Randy Freedman (BUS '97) was promoted to central ED! systems analyst. He is currently living in Westlake Village.

• Jessica (Freeman) Gould (BUS '97) and her husband, Erik Gould (AGB '97), bought a home in San Jose, where Jessica works as an administrative assistant for the San Jose Sharks/San Jose Arena, and Erik works as a computer operator for the California Water Service Company.

• Adrienne Gross (JOUR '97) is an account manager coordinator for Digital Insight. She resides in Moorpark.

• Michael Haber (ME '97) is a design engineer with Virco Manufacturing Corporation in Torrance. He lives in Torrance as well.

• Daniel R. Hart (BUS '97) is senior assistant in the audit department of Deloitte & Touche LLP in Costa Mesa. He lives with his wife in Lake Forest.

• Kevin Kneafsey (POLS '97) is working for the Peace Corps in Playas, Ecuador, teaching English and working on an experimental farm.

• Rosanna (Trinidad) Lewis (AERO '97) married Eugene D. Lewis (AERO '96) and they are both working for Lockheed Martin Missiles and Space in Sunnyvale.

• Jennifer Martel (PE '97) is attending the University of Pacific graduate physical therapy program.

• Enrique Mondragon (CPE '97) was promoted to consultant at Andersen Consulting. He lives in Los Angeles.

• Thai Thanh Nguyen (EE '97) started working two weeks after graduation, and took some time off to travel throughout Europe. He is now living in San Jose.

• Elizabeth Schnebly (LS '97) is teaching third grade at Guadalupe Elementary School in San Jose. She is living in Corvallis.

• Benjamin Swan (AET '97) is living with his wife in Templeton.

• Tiffany Varley (HIST '97) is living in Agoura.

• David Alderete (PE '98) is in the Cal Poly teacher education program and athletic trainer at Santa Maria High School. He lives in San Luis Obispo.

• Amy Avakian (PE '98) has been accepted into the master's program for physical therapy at Long Beach State.

• Robert Decker (CE '98) is a Marine lance corporal who completed the administrative clerk course at the Marine Corps Service Support School's personnel administration school at Camp Lejeune, N.C.

• Meredith Dillon (PE '98) has been accepted into the graduate program in athletic training at San Jose University.

• Sean O'Daniels (ART '98) is a digital artist with Headrick Chase and Associates, an architectural imaging company. He lives in San Juan Capistrano.
IN MEMORIAM

- Annie (Mendenhall) Bergman (HE '14), 102, died in Hemet in June 1998. She was a corporate officer in the Mendenhall Cattle Co. before becoming a postmistress in Aguana in 1948. She is survived by her three sons and a daughter.

- James D. Biddison (CHEM '82), 51, died in Arroyo Grande in August 1998. He was a chemical engineer for PG&E. He is survived by his wife and two daughters.

- Chester O. Bishop (FAC), 88, died in Sun City, Ariz., in May 1998. He is survived by his two sons.

- Wilbert Boudreaux (OH '53), 75, died in Alta Loma in June 1997. He was employed by the Monrovia Nursery Growers for 33 years. He is survived by his wife, daughter, and son.

- Richard A. Bucich (FAC), 68, died in San Luis Obispo in June 1998. He taught at Purdue's extension campus in Hammond, Ind., and electrical engineering at Cal Poly. He is survived by his brother.

- Richard E. Butcher (FRSC '50), 72, died in Reno, Nev., in July 1998. He was in the Navy for 33 years, retiring as a captain. He is survived by his wife and two daughters, Barbara (Butcher) Albangh (HIST '83) and Kristine (Butcher) Didziulis (CHEM '84).

- Mary K. Campbell (FAC), 89, died in Atascadero in August 1998. She was a head resident in several Cal Poly dorms from 1965 to 1975. She was also a volunteer for Meals on Wheels. She is survived by her daughter, son-in-law, and grandson.

- Herbert Carnahan (AE '55), 70, died in Providence Newberg Hospital, Ore., in April 1998. He worked with the USDA Soil Conservation and Water Resources Dept. He is survived by his wife and three sons.

- Richard H. Chalmers Jr. (ME '59), 66, died in San Diego in April 1998. He was employed at the Naval Electronics Lab and was a recognized international expert on shipboard shock and vibration. He is survived by his wife, a son, two daughters, and his mother.

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- Allen J. Larsen (EE '83), 39, died in a paragliding accident in Switzerland in July 1998. He was a design engineer who participated in several start-up companies in the Bay Area. He is survived by his mother and two sisters.

- David DeBruyn (AE '52), 73, died in Carmichael in February 1998. He worked for the U.S. Bureau of Reclamation for 30 years and as a private consultant in irrigation and drainage for 15. He worked in Jordan, Egypt, and Saudi Arabia, receiving the Meritorious Service Award from the Dept. of the Interior. He is survived by his wife, four daughters, and four grandchildren.

- Lawrence D. Clark (BUS '76), 42, died in Mountain View. He was an accounting manager with Rosenden Electric in San Jose. He is survived by his wife and young daughter.

- Nancy Jo Frazier (HD '91, ED '94), 37, died in Santa Maria in February 1997. She was a teacher at Allen Hancock College and an information specialist. She is survived by her mother, father, and brother.

- Monte Gualtiere (ARCE '72), 57, died in Scottsdale, Ariz. He worked with the Army Corps of Engineers, several private companies, and as an owner's representative for Motorola and the city of Phoenix. He is survived by his wife and two sons.
Christopher Lukes (HIST '85), 39, drowned at Port San Luis while fishing on a school break in May 1998. Lukes was raised and educated in San Luis Obispo. After attending Cal Poly, where he earned a teaching degree, Lukes moved to Clovis. There he taught for ten years in the Fresno Unified School District, most recently fifth grade.

Lukes comes from a family of teachers. His mother and two sisters all have teaching credentials. His father, Thomas Lukes (FAC), taught in the Cal Poly Food Science Department for almost 30 years, where he also served as department chair.

Lukes is survived by his wife, two step-daughters, his mother, two sisters, and his brother.

James C. Guerrero (ARCH '55), 71, died in Greenfield in June 1998. He was a hospital inspector and general contractor. He is survived by his wife and four daughters.

Ernest Ray Houston (FAC), 78, died in San Luis Obispo in October 1998. He was a professor emeritus who taught ornamental horticulture at Cal Poly for 27 years. He is survived by his wife, two daughters, and two sons, Michael Ray Houston (BUS '79) and Rick Patrick Houston (NRM '84).

Edna L. Johnson (FAC), 91, died in Paso Robles in August 1998. She was the head resident for Sequoia Hall from 1959 to 1971. She is survived by her son and daughter and their spouses.

William Donald Keir Jr. (ASCI '39), 79, died in San Bernardino in August 1998. He taught welding at San Bernardino Valley College. He is survived by his wife and three daughters.

Allan C. Johnson (FAC), 87, died in San Luis Obispo in June 1998. He was the general manager of the Atomic Energy Commission's installation in Idaho Falls, Idaho. He is survived by his wife and two daughters.

Randy Kirkup (ET '77), 46, died in Laguna Hills in July 1998. He worked for Parker-Hannafin Inc. for 20 years. He is survived by his wife, Johanna Kirkup (SOC '77), and their two daughters.

John H. Klopp (GRC '53), 85, died in Downey in January 1998. He was a structural steel sales engineer with L.A. Sales and Service and Vorten Corp. He is survived by his wife and six children.

Glenn R. Lindsey (HIST '74), 51, died in Helena, Mont., in September 1997. He worked for the State of Montana Office of Social Security and owned and operated an employment agency in Helena. He is survived by his wife, parents, and sister.

John C. Manderscheid (BUS '68), 54, died in Las Vegas, Nev. He was a mortgage loan broker. He is survived by his wife, three daughters, a stepson, two brothers, a sister, and his mother.

James Witmer (JOUR ’70), longtime Cal Poly and Alumni Association friend, died in December. He served as an association board member from 1969 to 1991, when business moved him to Oklahoma. During his time on the board, Witmer was instrumental in leading Orange County alumni activities, including the South Coast Celebrity Golf Classic (later to become the South Coast Golf Classic), which raised money for athletic scholarships and the association.

Witmer is survived by his wife, a daughter, and a son.
- **John Marlowe (EL '58)**, 68, died in Woodland Hills in September 1998. He worked for Whittaker Corp and Tecom. He is survived by his wife, daughter, and son.

- **Brad E. Yackle (CSC '74)** died in October 1998. He spent his entire career at Hewlett-Packard, most recently in Palo Alto, where he worked on perfecting developed product lines. To honor his life, his family has established the Brad E. Yackle Scholarship Fund in computer science. Contributions to this fund can be sent to the Computer Science Department at Cal Poly.

- **Donald Thomas Michel (BUS '91)**, 30, died in Bakersfield in May 1998. He was an information systems consultant for Price Waterhouse and president of his own computer consulting company. He is survived by his wife and young daughter.

- **Suzanna Nelson (E&SB '88)**, 35, died in Hawaii in May 1998. She conducted endangered species research on the giant kangaroo rat, leopard lizard, and Mt. Graham red squirrel. She was also a native plant nursery propagator. She is survived by her husband, son, parents, brother, and two sisters.

- **William Raap (PI '51, AGRI '57)**, 81, died in Fremont in March 1998. He was a rated pilot navigator in the Air Force, an agriculture teacher, and a principal at Irving High School. He is survived by his wife, four children, a brother, and a sister.

- **Richard A. Roller (BIO '61, ED '67)**, 68, died in Paris, Ill., in June 1998. He conducted historical research and was an author in research marine biology. He is survived by his wife, a son, and two daughters.

- **Kent R. Waters (GRC '68)**, 52, died in Atascadero in September 1998. He was a real estate appraiser and consultant since 1978 and president of KRW & Associates. He is survived by his two sons.

- **Melissa Anne Wills**, 20, who studied agricultural science at Cal Poly, died in Lemoore in September 1998. Wills would have been returning to Cal Poly for her third year. She is survived by her parents and her two sisters.

- **John F. Rush (GRC '53)**, 73, died in Chula Vista in February 1998. He was the owner of Ace Printers in Chula Vista. He is survived by his wife and two sons.

- **David N. Tompkins (AGB '41)**, 79, died in Los Angeles in August 1998. He owned and operated his Rancho San Antonio in Casmalia since 1937. He was also a member and past president of the Santa Barbara Cattlemen's Association. He is survived by his wife, four daughters, and one son.

- **Ralph Vorhies (FAC)**, 82, died in Fair Oaks in October 1998. He taught classes for crop science for Cal Poly from 1946 to 1981. He is survived by his two daughters and one son.
Readjust Your Portfolio...
Here's a Tax-Wise Option

As you review your personal financial plan, you may find that a Cal Poly Foundation Charitable Gift Annuity can be helpful to you if you are age 60 or older. Here's one way you can modify your plan and make a significant gift to the university:

If you are age 72 and create a $10,000 gift annuity with cash, you will receive the following benefits:

**Rate of Return**

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**Guaranteed annual income for life**

- Tax-free portion: $405
- Taxable portion: $365

(for the first 14.5 years; then the entire amount becomes taxable income)

**Immediate federal income tax deduction**

$4,131*

**Effective payout rate**

9.52%

(first 14.5 years at the 31.0% federal tax bracket)

You may also fund a gift annuity with appreciated securities.

NOTE: These calculations were prepared on Nov. 16, 1998.

A Cal Poly Foundation Charitable Gift Annuity qualifies you for membership in the Cal Poly Legacy Club.

**Cal Poly Legacy Club**

Recognizing the importance of planned gifts.

To request a personalized example, please call 805/756-7125.

Advice from your tax or legal adviser should be sought when considering these types of gifts.

*Amount of charitable deduction may vary slightly.
An engineering senior guides his prize-winning paraglider along the silver surf of the Central Coast (see story pages 3-5). (Photo courtesy Zach Hoisington)

Parents Please Note: If your son or daughter is no longer at this address, please send his or her current one to the address above.