PROJECTING A BRIGHT FUTURE

- Premiering a new generation of film
- Lighting up plastics
- Exploring kids’ potential
- Getting to know our Weird Al-um
Music students in the movies had Mr. Holland and his deferred opus. I was blessed with Mr. Higby.

On the first day of the semester he entered our high school English class cloaked in a black raincoat and wrote his name briskly on the chalkboard. He was dapper and dignified, with a closely cropped dark beard. When he turned to face us he slipped off his coat and folded it inside out. The lining was scarlet. Everyone gasped.

Mr. Higby’s coat was a sign that we were going to be taken on a series of wonderful journeys. He was that best of teachers — demanding, fair, and original. We read *The Red Badge of Courage* and talked about what war really meant. We read *Animal Farm* and argued politics. We read *The Great Gatsby* and discovered the great American novel compressed into a bright, hard gem.

I especially remember a discussion of George Orwell’s *1984*. At the time I was not impressed so much by the strange world Orwell gave us — and had no way of knowing that the real 1984 would be, in its own way, so much stranger — as by the sheer distance of the year itself.

I was young enough to assume I would live to see 1984, but at the same time it seemed impossible. I would be really old — almost 40 — and my parents would be in their 70s. Everything would be different, strange, unimaginable. I was unable to conceive of a world 20 years older.

Now, of course, 1984 has come and gone, and 16 years beyond that have passed. I don’t know if Mr. Higby is still living. My own mother died in 1982, her complicated illness teaching me that the future is always ambiguous and it’s wise to take it as it comes.

I learned from Mr. Higby that there is truth in any genuinely creative work. As a New Century’s resolution, I hope once again to pick up the books that used to serve as guides for an uncertain life, and to write my own fiction. And I hope you will find in this first *Cal Poly Magazine* of 2000 some stories that will touch your imagination.

In addition to many alumni who are supporting the community and the university with their talents and gifts, we are profiling alumni and Cal Poly researchers who are moving inventively into the new millennium: an architecture graduate turned international musical performer; a husband-and-wife team who founded a San Luis Obispo company developing the next generation of movie film; professors and students who are lighting up plastics; and two teachers bringing high-tech careers into a junior high laboratory.

Mr. Higby, sitting on the edge of his desk with one polished loafer across his knee, would say that they all are a part of our common, mysterious future.

Vicki Hanson
Editor

**ON THE COVER**

Alumna Trudie (Morgan) Safreno (AGB ’92) and her husband, engineer Ty Safreno, co-owners of San Luis Obispo’s Trust Automation Inc., are helping develop a film processing system that is taking the movie industry on a quantum leap into the future and bringing film experts in droves to the Central Coast (see story beginning on page 8).

(Photo by Ron Bez)
EDITOR'S NOTES

FEATURES

2 BEING AL YANKOVIC
6 JUNIOR HIGH TECH
8 SEEING MOVIES A WHOLE NEW WAY
10 GOING TOWARD THE LIGHT

UNIVERSITY NEWS
13-19

SPORTS NEWS
20-22

ALUMNI NEWS
23-29

ADVANCEMENT
30-34

CLASS NOTES
35-45

IN MEMORIAM
46-48

Cal Poly Magazine is published for alumni and friends of California Polytechnic State University, San Luis Obispo, by the Public Affairs Office, with support from the Cal Poly Foundation.

Please mail letters to be edited for publication to “From Our Readers,” Cal Poly Magazine, Heron Hall 204, Cal Poly, San Luis Obispo, CA 93407 (phone 805/756-7109; fax 805/756-6533; e-mail vhanson@calpoly.edu).

Submit written “Class Notes” items to the same address or via e-mail at ars@polymail.calpoly.edu.

Mail address changes to Advancement Services, Heron Hall, Cal Poly, San Luis Obispo, CA 93407.

VICE PRESIDENT FOR UNIVERSITY ADVANCEMENT:
William G. Boldt

DIRECTOR OF PUBLIC AFFAIRS:
Jeff Bliss

EDITOR:
Vicki Hanson

CONTRIBUTORS:
Ben Beesley/Alumni Relations,
Amy Hewes/College of Engineering,
Mike McCall/Annual Giving,
Chuck Sleeper/Athletics,
Jason Sullivan/Sports Information

DESIGN/PRODUCTION:
Karlen Design

WEB SITE PRODUCTION:
Shirley Howell

PHOTOGRAPHY:
Ron Bez, Jeff Bliss, Johnny Buzzard,
Laura Dickinson, Tony Hertz,
Colin McVey, Jack Spaulding,
Alex L. Washington, Marcia Wright

PRINTING:
University Graphic Systems

Correction: In the feature headed “Learning by giving back,” fall 1999 Cal Poly Magazine, page 6, alumnus Loc Truong's correct major is biochemistry and his year of graduation is 1999.
I wanted to write the consummate “Boy, isn’t Weird Al Yankovic really weird?” story, penning a humorous account of the Cal Poly architecture alumnus who has gained more recognition for his music parodies than for any architectural renderings.

I discovered, however, that on stage, in music videos, in films, and on television, Alfred Matthew Yankovic’s (ARCH ’80) reputation for manic craziness has not just been well-earned, but also well-cultivated. Off stage, the “King of the Parodies” is low-key and thoughtful, a stark contrast to the “Weird Al” persona that has earned him near-cult status and record sales in the millions.

**Homecoming**

The limousine carrying Yankovic and his assistant wends its way through downtown San Luis Obispo. Curled up in the corner of the cavernous back passenger seat, Yankovic, 40, sports his trademark slip-on tennis shoes, a pair of black pants, and a lime-green pullover shirt. As the car passes the Marsh Street storefronts, he waxes nostalgic.

“When I was going to Cal Poly, [San Luis] wasn’t as tidy,” he says wistfully. “It had its funny quirks and character to it. Like the [‘uniquely’ decorated] bathrooms over at the Madonna Inn.”

There are no bizarre impersonations of San Luis Obispo folks he used to know. No crazy stories of strange things he and fellow students used to do. No breaking into funny songs about “SLO Town.” Just a calm, cool, and collected Yankovic taking it all in. (Later, however, he tells his appreciative audience at the Performing Arts Center on campus, “Playing here brings back a lot of memories — like licking the walls of Bubble Gum Alley.”)

The two-time Grammy-winning Yankovic, back at Cal Poly for only the second time since graduating, isn’t just riding around in the back of a big, fancy car. Every stop along his 80-date tour is an opportunity to promote “Running with Scissors,” his...
15th album since 1983. (A World Wide Web site lists a complete discography of legitimate and bootleg recordings, songs, and live tracks, including “an audio presentation” made on campus at Cal Poly’s 1979 Week of Welcome.)

Today Yankovic will visit three radio stations — including Cal Poly’s KCPR, where he got his start — and the local NBC affiliate, KSBY-TV. He will answer the same questions repeatedly, honor each request by a DJ or reporter to exhibit his trademark “Weird” side, and respond patiently to radio callers.

City after city, doesn’t it all get old? Doesn’t the road wear on him? Doesn’t it cut into his artistic forays (which now include directing other artists’ non-parody music videos)?

“Not really,” he says. “When I’m on the road, my brain is kind of on vacation. I don’t find myself scrawling lyrics while I’m on the tour bus. I don’t resent the touring. It’s a break from working on albums.”

Beginnings

The only child of Nick and Mary Yankovic, Yankovic grew up in the Los Angeles suburb of Lynwood. On his seventh birthday, his parents gave him an accordion. Seven years later, in 1973, he submitted his first song, “Pico and Sepulveda,” to Dr. Demento, a nationally syndicated disc jockey known for playing comedy and novelty music.

Demento found a certain charm in the “accordion-powered ditties” Yankovic recorded on a cheap cassette player in his bedroom.

By 1976, and still in high school, Yankovic had made his first live appearance in Demento’s touring stage show, playing his ode to family car rides, “Belvedere Cruising,” and was becoming a “name player” among a group of budding satirists and comedians.

At about the same time, on the advice of his high school guidance counselor, class valedictorian Yankovic enrolled at Cal Poly. Just 16, he may have found himself far from familiar surroundings, but never from his accordion and a desire to take other artists’ songs and “pep them up a bit.”

In 1979, he got his first big break. The power pop album “Get the Knack” included the hit single “My Sharona,” a catchy No. 1 tune practically asking for a parody. Yankovic set up a mini recording studio adjacent to KCPR in the men’s bathroom — renowned for its “famed” acoustics.
(read: echoes) — and recorded his first record release, “My Bologna.” He recalls, with a touch of irony, being signed by Capitol Records — “The Beatles’ label!”

A year later, he won international acclaim with “Another One Rides the Bus,” his parody of Queen’s No. 1 single, “Another One Bites the Dust.”

“I started getting calls from all over,” he says. “It wasn’t just Dr. Demento. I was getting calls about the song from Australia and Europe. It was big.”

Three years after receiving his bachelor’s degree, Yankovic recorded his first full album. Nine more studio albums (with several compilations and a box set) followed, resulting in 11 million albums sold, making him the most successful comedy recording artist ever. After two Grammy awards and six nominations, he continues to perform on MTV, at major concert venues, and on other network TV series and specials on Showtime and the Disney Channel.

Back to Cal Poly

“It was funny doing ‘Behind the Music’ for VH-1,” Yankovic says. “Those documentaries usually chronicle the ups and downs of bands. How they made it big. How they fell off the charts. How they got caught up in drugs and alcohol. And then how they got cleaned up and made a comeback.

“For my piece, the worst that could be said was, ‘Well, the last album sold a few hundred thousand less copies.’” He laughs. “I mean, if that’s the worst thing . . . .”

The worst thing to be said about Yankovic is probably that his frenetic pace playing state fairs, amphitheaters, and concert stages would kill a mere mortal. One minute he’s pressing the flesh at SLO rock station KZOZ-FM (where he did a stint during his Cal Poly days as weekend DJ “Al Matthews”) and the next minute he’s conducting an exacting sound check at the performance hall. Then he’s out the door for a return to his roots in a live interview at KCPR. Then back to the stage for a sold-out show.

“Eventually, I’d like to do more directing. I’m enjoying working on other people’s videos,” he says. “I’ve even thought about directing feature films, and have been offered a couple of scripts.

“I think it’s safe to say I won’t be going into architecture,” he adds, smiling.

“I recently used my training to remodel my kitchen, but that’s as far as it gets. Studying architecture definitely helped me become a more analytical, disciplined person, but I didn’t love [it like the other students]. They’d see a building and [say]: ‘Oh, the form is following the function.’ And I’m thinking, ‘Yeah, big deal — it’s a house!’

“I enjoy what I do [now], and I’m glad people enjoy what I do,” Yankovic says. “It’s great to have them singing along, laughing.

“Of course it’s not all just fun and games,” he adds. “There’s a lot of work.”

He smiles again.

“But it’s better than flipping burgers.”

CAL POLY MAGAZINE SPRING 2000 5
LEARNING BY DOING HELPS MAKE THE GRADE

BY MICHELLE BROOM

There's a buzz in the room. Not only from the hum of the computers and machinery that fill the building, but the whirr of young minds learning and exploring.

Stirring the brains of nearly 30 seventh- and eighth-grade students are Cal Poly alumni Richard Anderson (EE '69, IA '83) and Tony Poncé (ARCH '75), teachers at El Camino Junior High School in Santa Maria.

Make that “extra-special” teachers.

Anderson and Poncé were named 1999 honorees in Disney’s American Teacher Awards — two of only 39 teachers selected from more than 75,000 nominees recognized for using creative teaching strategies in their classrooms. Since 1989, Disney has acknowledged exemplary teachers for innovative teaching methods that actively engage students in learning.

This honor was earned for the unique way Anderson and Poncé team-teach in their Exploring Technology Lab, a career-oriented, self-directed program that gives students hands-on practical training and “the opportunity to challenge themselves in new areas, gaining increased self-confidence through success,” says Poncé.

In cubicles, working in pairs of two, students experiment with digital imaging, applied physics, airplanes and rockets that fly. They operate detailed machinery and learn to play digital music on keyboards.

“Years of teaching at the junior high school level, combined with years of being students ourselves, has taught us that young people are excited about learning things relevant to what is going on in the real world,” says Poncé. So in their shared vision for a better future for their students, Anderson and Poncé decided to focus on high-tech careers. “The greater the exposure,” Poncé says, “the greater the outcome.”

In its third year, this innovative, hands-on curriculum serves 850 students annually. During a 12-week session, students spend seven days at one of 28 computer research modules learning about...
electrical engineering, architecture, plastics technology, and desktop publishing. They complete assignments and solve problems with creative solutions. “There’s never a dull moment around here,” says Ponce.

After 12 years in the making, the lab is well organized. The pair has worked tirelessly to raise funding for their project, often purchasing equipment on their own with whatever resources they could find. Finally, in 1996, the school board allocated $45,000 in partial funding, and Anderson and Ponce raised more than $100,000 through grants and local business donations to start the pilot program.

Also crucial to the lab’s real-world learning are sponsors like Marian Medical Center, which funds the healthy heart module, Santa Maria Rotary Club, which funds the digital imaging module, and Mid-State Bank, which funds the personal finance module.

“THE GREATER THE EXPOSURE, THE GREATER THE OUTCOME.”

— TONY PONCE

“We showcase this program to members of the community so business professionals can see kids on task,” Anderson says. “Most of these students would be first-generation college students. Industry is telling them, ‘You can make it.’”

Sitting in a soundproof booth, 13-year-old Norma says she would like to go into audio broadcasting. “I like the program because it gives us an advantage to be something better.” Adriana, 13, carves her name into a key chain and says she likes working with her hands and hopes to work with machinery.

“We set expectations for students with messages like, ‘Not if you go to college, but when you go to college,’” Ponce says. “We set examples.”

Both teachers, who gained access to Cal Poly through its educational opportunity program (EOP) as historically, economically, and/or educationally disadvantaged students, believe the university made a big contribution to their success. “I really feel like Cal Poly gave us a chance,” Anderson says. “This is our payback to society.”

Note: Cal Poly’s EOP celebrated its 30th anniversary in 1998.
Seeing Movies a Whole New Way

by Jo Ann Lloyd

On a street in what's commonly known as San Luis Obispo's civil, mechanical, and manufacturing engineering in the mid '80s, and his wife, Trudie (AGB '92). The company employs 11 other people, half of whom are also Cal Poly graduates.

Ty started the company in his living room in 1990 to “help companies in an honest way,” says Trudie. Trust Automation now occupies an 8,000-square-foot facility, and will soon outgrow that.

The company's close-knit group of engineers and computer software specialists creates products and software that control electric motors on items ranging from semiconductor robots and aerospace satellites to tire-retreading machines and airport luggage-scanning equipment.

But by far their hottest product is the new MaxiVision projection system that dramatically enhances big-screen images. When movie critic Roger Ebert saw it, he declared, “It was almost as if the screen had turned into a window, and you could look right into it.”

By doubling the rate at which film is currently photographed and projected, the MaxiVision48™ system results in noticeably sharper, clearer, and brighter images.

And, in much the same way that “talkies” and Technicolor transformed the film industry, MaxiVision's improved visual images could become the next standard in filmmaking.

More than a few people are excited about the new projection system. The Safrenos have demonstrated it to actors, directors, and top executives from major studios, as well as cinematographers from such films as “Apollo 13,” “Bugsy,” “ET,” “The Thin Red Line,” and “Titanic.” Director Martin Scorsese has discussed assembling a consortium of high-profile industry players to back the MaxiVision system.

"It was almost as if the screen had turned into a window, and you could look right into it.”

— Movie Critic Roger Ebert, on the MaxiVision process.
“Everyone who has seen it has come away convinced that this is the way to go,” Ty says.

The system was the brainchild of Dean Goodhill, an Academy Award-nominated film editor and founder of the Los Angeles firm MaxiVision Cinema Technology. About three years ago he set out to find someone who could put his idea to work. Easier said than done.

Two firms with “a couple of famous engineers who had four Academy Awards between them couldn’t pull it off,” said Goodhill. His extensive search ended about one-and-a-half years ago when he found Trust Automation.

The folks there made his system work. And they made it work in a way that uses industry-standard 35mm film more efficiently, which could save filmmakers about $200 million a year.

That, and the fact that theater owners will simply have to retrofit existing projectors, makes the system attractively affordable.

The MaxiVision system was kept a secret for three years while prototypes were being developed and patents for the new technology were being sought.

Now the issue is financing. Goodhill is in negotiations and expects to have some good news before the year is over.

“It’s only a matter of time,” Ty says.
Electrical engineering senior Shu-Min Li shows off four small, film-thin squares of electrode-coated polymer that shine with only a few volts of electricity.

(Photos by Laura Dickinson)

A lightweight, paper-thin television screen you can practically slap on a wall. Want one?

A computer screen — eventually a whole computer — thin as a piece of glass. And you can read it from any angle. It’s on its way.

Lights in sheet form you can bend to almost any shape. No need for glass bulbs.

Where will these amazing things come from?

Benjamin Braddock, played by Dustin Hoffman in the 1967 film “The Graduate,” got the famous one-word answer: “Plastics.”

Yet even the family friend who gave Ben that forward-looking tip didn’t realize what tricks those pliable, organic “polymers” are capable of.

Actually, at the time, no one
in the world knew that certain kinds of plastics possess a property that is about to revolutionize the world of lighting, electronic displays, and who-knows-what-else: The right plastics, in the right conditions, can conduct electricity, lighting up brighter than a standard light and with a lot less electricity.

“Semiconducting polymers” or “light-emitting polymers” are two of the technical terms for the little wonders. A very thin film of the stuff is all it takes.

The discovery was made in 1989 by researchers at England’s Cambridge University. The word “bandwagon” would hardly be adequate to describe the surge of further research that took off at, well, let’s say the speed of light.

One of the engineers dazzled by the idea of plastic lights was a doctoral student at UC Santa Barbara who changed the focus of his dissertation when he heard about it. He’s David Braun, and now he’s a Cal Poly electrical engineering professor helping make sure that Cal Poly students have a hand not just in learning about but also in actually developing the technology.

Braun and others are working with students on a variety of related projects. His faculty collaborators include professors Kevin...
Kingsbury from chemistry, Linda Vanasupa from materials engineering, Mark Cooper from industrial and manufacturing engineering, and Ron Brown from physics.

Much of the work is happening in Cal Poly's new Polymer Electronics Lab, where students are fabricating and testing polymer "light-emitting diodes," or LEDs.

Each LED is a thinner-than-paper-thin film of plastic sandwiched between equally thin electrodes. Electricity is applied to the top and bottom electrodes, the current joins in the plastic film in the middle, and voila! Light. It takes less than 5 volts to make them shine.

Electronics companies are already putting the first light-emitting plastics into consumer products. A prototype plastic TV screen two millimeters thick was unveiled in 1998. Cell phones with polymer displays were due on the market in December.

A dazzling series of applications will soon follow, Braun says. Designers envision not just small consumer goodies like those televisions you can hang on the wall, but also immense areas like billboards with the lighting built into the flat surface and airport runways with lights, in effect, painted on.

The characteristics that make them so desirable in manufactured products — light weight, low cost, low power — also make them ideal for education. Organic plastics are much safer and easier to work with than the inorganic materials used in existing technology.

And, when industry gets geared up for them, electronic components and lighting made from plastics will be much cheaper to manufacture and use than your standard bulb, or silicon-based electronics, or the cathode-ray technology of a TV or standard computer screen, or the look-at-it-at-an-angle-and-it-goes-dark liquid-crystal displays that laptop computers now have.

But no, you can't just insert a live wire into Aunt Minnie's Tupperware or the kids' Big Wheel. It takes special kinds of plastics. This year Braun and Kingsbury won a $120,000 National Science Foundation grant to find better ones, to develop and test new plastics that will emit light even more efficiently.

So where's it all heading? The Braddock family friend would never have guessed, and maybe no one can.

One example: Think of a sheet of plastic wrap. Now picture that as a computer.

The science isn't a limitation, says Braun. It's just a matter of developing the technology to do it.

And Cal Poly students are already part of the process.
Wind orchestra raises funds for tour Down Under

If the dream of the Cal Poly Wind Orchestra’s 65 student musicians comes true, they will be performing in Australia’s famous Sydney Opera House this June.

Performances there and at the Sydney Town Hall would be in response to an invitation received by Cal Poly Music Professor William Johnson from Henryk Pisarek, artistic director of the 11th annual International Music Festival Sydney, who wrote, "The [Cal Poly] Wind Ensemble has an international reputation and is considered one of the best wind ensembles on the West Coast."

Johnson hopes to lead the group in a tour of world-class concert halls in both Australia and New Zealand. The latter itinerary includes the Auckland Town Hall, the Michael Fowler Center in Wellington, and the municipal theatres in Hastings and Hamilton.

The musicians will stay in private homes on several nights during the two-week trip to reduce its cost to approximately $2,600 per student, or $169,000 total. But as of Cal Poly Magazine press time, only about $99,000 had been raised, with $70,000 to go.

"We have an aggressive fund-raising plan," Johnson said. "But its success depends in great part on the continuing graciousness of our alumni."

Supporters are asked to consider sponsoring, or partially sponsoring, one or more members of the ensemble, and if possible seek matching corporate funds. Donors at any giving level are welcome to travel with the orchestra at a cost of about $3,200 (including hotel, breakfast, and dinner expenses).

Johnson sees such sponsorship as a positive thing for donors and students alike.

"A lot of people make donations to the university," said Johnson, "but they don’t have that one-on-one contact with students. And for Cal Poly students to be performing in the Sydney Opera House is extraordinary — it’s the concert venue of the world."

"In 1975, then-Cal Poly President Robert E. Kennedy saw fund-raising for what was then known as the Cal Poly Symphonic Band as one of the university’s first efforts to seek private funds,” recalled Johnson. A considerable amount of money was raised for the first music tour to Vienna, with subsequent tours following in 1983 and 1988 to Geneva and Japan, respectively.

On one blue-painted wall of Johnson’s office hang three framed resolutions issued by the California Legislature, commending the band for those three tours.

Johnson is keeping space open for a fourth resolution.

Note: To contribute, call Johnson at 805/756-2556 or contact him via e-mail at wjohnson@calpoly.edu.
Experts give “one thumb up” to movie industry

The cast was impressive.
A legendary film director, award-winning screenwriters and producers, an entertainment journalist, a ratings systems expert, an anti-censorship advocate, and a government attorney looking into the state of today’s movies.

Director John Frankenheimer assesses Hollywood today. (Photo by Tony Hertz)

This panel of Hollywood insiders and an audience of several hundred movie buffs gathered at Cal Poly in the fall for the film forum, “The Good, the Bad, and the Movies.”

Topping the list of experts was John Frankenheimer, director of films such as “The Manchurian Candidate,” “Seven Days in May,” and “Ronin.” He was joined by screenwriters Nicholas Kazan (“Reversal of Fortune” and “Bicentennial Man”) and Robin Swicord (“Matilda”); Variety editor Peter Bart; Joan Bertin, executive director of the National Coalition Against Censorship; Elayne Blythe, founder of the Film Advisory Board Inc.; Federal Trade Commission attorney Linda Stock; film producer Lawrence Turman (“American History X”); and Bernard Weinraub, New York Times entertainment reporter. The forum was moderated by Cal Poly film professor John Harrington.

The panelists’ review of the current state of the multi-billion-dollar movie industry was, at best, one thumb up.

Most agreed that the financial side of the film business has too much control over the movie-making process.

“Creating innovative films is difficult because studios would rather rely on tried-and-true formulas expected to score big at the box office,” Frankenheimer said. “There are so many forces working to bring whatever idea you started out with down to a common denominator that will open big the first weekend.”

Screenwriter Kazan said audiences ultimately dictate the type of movies that will be made because they “vote with their money.” Weinraub agreed that where film quality and moral content is concerned, the audiences have the final say in a film’s or star’s success or failure.

“The Good, the Bad, and the Movies” was sponsored by Cal Poly as the second of its ongoing series of public forums discussing topical issues.

Forum director Herb Kamm said the forums “are essentially a means of improving communication between the university and the community and world beyond.”

Plans are under way for a forum featuring newspaper and television columnists and pundits this spring and one in the fall focusing on elections.
Cameras and action

"T"he Good, the Bad, and the Movies" followed on the heels of the seventh San Luis Obispo International Film Festival, directed by local attorney Mary Harris.

An international film festival in small-town San Luis Obispo? An attorney? That's right. The annual 10-day festival, which draws hundreds of people and Hollywood cast and crew members, is produced by Cal Poly alumna Mary Harris (POLS '80).

In 1993, Harris turned a lifelong fascination with movies into a yearly celebration of the best and most interesting films of the past. She manages to pull off a success each year while maintaining her thriving practice as an attorney specializing in intellectual property.

"I wanted to help bring to San Luis Obispo the movies I loved watching while I was growing up," Harris said. "It's been both challenging and very rewarding."

Over the years, film luminaries such as directors Delbert Mann ("Marty"), Robert Wise ("The Sound of Music"), actors Ernest Borgnine and Jonathan Winters, and cinematographer Vittorio Storaro have attended the festival to talk with audiences about their work.

Harris expects the film festival to continue into the next century, bringing the magic of movies to future audiences.
Biosphere 2 Center Enables Environmental Studies

Last fall, seven Cal Poly students studied the Earth’s ecosystems in a 3.1-acre greenhouse in Arizona’s Sonoran desert. The Biosphere 2 Center, operated by Columbia University, offers a textbook example of Cal Poly’s “hands-on” experience for students. That educational philosophy is why Columbia University invited Cal Poly to become a partner institution. The Center’s purpose is researching the impact of humans on the planet and the Earth’s changing environment. Biochemistry student Becky Sweeney (left foreground) studied ways to preserve private land that is home to important species such as black bears, jaguars, and prairie dogs. The other Cal Poly students were (left to right) Greg Tamblyn (Biology), Julie Hopper (Biology), Chris Schmauch (Art and Design), Travis Mann (Biology), and Shelly Shaul (Biology). Not shown is Shelly Lapcevic (Biology).

Learn while having fun at April’s Open House

Students organizers promise there will be something for everyone at “Discover the Power of Poly,” the seventh annual Open House on April 14-16. Activities on Friday, April 14, will focus on prospective students who have been accepted for fall quarter. These students and their families will see and hear firsthand what the university, the individual colleges, and the faculty and staff have to offer them.

A must-see on Friday is the resource fair, where attendees can pick up information about almost every aspect of campus life, such as financial aid, health and psychological services, athletics, and many others.

Saturday is the day the campus and its students will showcase their excellence to the general public. Educational displays, student club booths, a rodeo, a tractor pull, music, and stage shows are there for the looking and learning. And remember to come hungry so you can sample the food, representing many cultures, that student clubs sell.

Some alumni-related activities, including the second annual Open House Alumni Golf Tournament, are being planned for Sunday.

For additional information, contact the Open House Hotline at 805/756-2764.
Vision for future campus is goal of Master Plan Update

What will the Cal Poly campus look like in 2021?

A team of planners, with input from the campus and community, is working to answer that question during a three-year Master Plan Update process.

"Balancing land uses with enrollment demands is our key challenge," according to Linda Dalton, vice provost for institutional planning, who is leading the Master Plan effort.

"The guiding principles of the Master Plan are drawn from Cal Poly’s mission as a polytechnic university with a residential campus," said Paul Zingg, provost and vice president for academic affairs. “We must plan for facilities and spaces that support the social and physical developmental needs of our students as well as their intellectual growth. Coupled with that is the need to help meet the state’s expected Tidal Wave II of students.”

In mapping out future land uses, the Master Plan team is exploring some of the 500 recommendations made by 10 task forces, including:

- Developing a student-friendly/learner-centered instructional core that would be compact, use the land more effectively, and increase open space
- Maintaining outdoor teaching and learning laboratories
- Protecting environmentally sensitive areas
- Increasing the student residential community to minimize community impact and providing services for those students
- Improving circulation and access to the university.

"The Master Plan will be designed to meet emerging needs of our academic programs," Dalton said. “Colleges and departments have identified areas for program growth so the Master Plan can include appropriate buildings, laboratories, and technology to meet those needs.”

The revised Master Plan will be presented to the CSU Board of Trustees for approval in spring 2001.

New Lab Center Opens for College of Engineering

Dean Peter Lee hosted more than 100 donors, faculty, staff, and students at the fall grand opening of the College of Engineering’s Advanced Technology Laboratories (ATL) building. The $4 million laboratory complex is the first academic facility on campus funded entirely without state funds. The 17,000-square-foot ATL includes applied research and interdisciplinary lab space, computer workstations, multimedia innovations, and the latest technological equipment. Funding was provided by 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. (Photo by Laura Dickinson)
Lessons for Life Offered by Respected Journalist at December Commencement

Learning, living, and loving well are what life is all about, according to Herb Kamm, San Luis Obispo Tribune editorial writer and special assistant in Cal Poly's University Advancement division. Almost 1,100 graduates were moved by his keynote Dec. 7 commencement speech, "My Gifts for the Millennium," a personal account of his life and times as a 65-year career journalist. Kamm served as writer and editor in New York for 25 years, and was managing editor of New York's World Telegram and executive editor of the World Journal Tribune. Later he became editor of the Cleveland Press, editorial director of the city's CBS-TV affiliate, was elected to the Cleveland Journalism Hall of Fame, and was hailed as "Mr. Cleveland" for his civic involvement. At Cal Poly he has been adviser to the Mustang Daily and the driving force behind public forums on the media and film (see story on page 74) that have drawn national figures as panelists.

(Photo by Tony Hertz)
**EXTRA CREDIT**

**CAL POLY**

- **We’re #1 again . . .**  
  *U.S. News and World Report* has named Cal Poly the best public undergraduate university in the West for the seventh consecutive year, and again calls the College of Engineering the top engineering school in the country among those that don’t have doctoral programs.

- **Perfect score . . .**  
  Meeting all 52 criteria for accreditation, the professional Bachelor of Architecture program was re-accredited for a full five-year term by the National Architectural Accrediting Board.

- **Isn’t technology wonderful! . . .**  
  Computers, and the people programming them, are simplifying students’ lives. Students are now able to create class schedules via the Web 24 hours a day, seven days a week, through POWER (Poly Web Registration), and then register online as well . . . More than 1,600 new students last fall took advantage of an online book-ordering system, allowing them to order their books prior to arriving on campus. Returning students can also order books online.

- **Award-winning market . . .**  
  The Campus Market (formerly the Campus Store) was renovated last year, and its re-design earned a 1999 Commendation Award from the Obispo Beautiful Association.

- **No waste here . . .**  
  Campus Dining, an entity of the Cal Poly Foundation, was a winner in the state’s 1999 Waste Reduction Awards Program for the fifth straight year.

- **One more award . . .**  
  A videotape of a Community Safety Fair, organized by Cal Poly, won a 1999 Crime Prevention of the Year Award from the Governor’s office.

**STUDENTS**

- **Shining stars . . .**  
  Architecture seniors won four of six scholarships awarded for academic achievement and financial need by the California Architectural Foundation . . . Business administration seniors in a marketing class developed and carried out a plan to increase awareness of a local auto dealership and to raise money for community child abuse programs. Their efforts won them the distinction of Best Four-Year College and $3,500 in scholarships in General Motors’ Marketing Institute’s annual competition . . . The student chapter of the Society of Automotive Engineers received a $500 Allied Signal Outstanding SAE Student Branch Award for outstanding management and activities.

**FACULTY AND STAFF**

- **Faculty are tops also . . .**  
  Joseph J. Jen, College of Agriculture dean, was honored as the Distinguished Educator of the Year by the National Association of Colleges and Teachers of Agriculture . . . The 1999 International Conference on Engineering Education recognized Peter Lee, College of Engineering dean, for his efforts in improving engineering education in the global environment . . . Music professor and conductor David Rackley received a Telly Award for the music he composed for the television program “Masters and Madmen.” Part one of the series, “The Mystery of Genius,” aired December 1998 on the A&E Network.

**ALUMNI**

- **She deserves an apple . . .**  
  Nancy Thompson (PE ’72, CRED ’74), who teaches multiple subjects at Coast Union High School in Cambria, received the University Center for Teacher Education’s inaugural Outstanding Teacher Award honoring K-12 instructors.

- **Twice the honor . . .**  
  Don Borges (AGSC ’85, M.S. AGRI ’88), manager of the Stanislaus County Office of Education’s agricultural education and tech prep program, was honored for his work with students by both the Association of California School Administrators and the national Future Farmers of America organization.

---

**CAL POLY MAGAZINE SPRING 2000**
Dust off those uniforms

Mark your calendars now for Cal Poly Athletics’ New Millennium All-Sports Reunion, scheduled June 30 - July 2.

All past and present athletes, Hall of Fame members, coaches, support personnel, and fans of Cal Poly athletics are invited to celebrate the new century. There will be campus and wine-tasting tours, golf tournament, barbecue, music, and dancing. There also will be a brief memorial in remembrance of all coaches and teammates who have passed away, with a special tribute to the victims of the 1960 plane crash. Each sport will hold an open house, highlighting photos and videos from the past.

The weekend is being organized by alumni Norm Gomes (DSCI ’58) and Don Morris (PE ’53, MS PE ’59), former Athletic Director Vic Buccola, and other committee members.

For more information and updates, visit www.calpoly.edu/~athletic or call the Mustang Athletic Fund at 805/756-2255. A special effort is being made to contact friends via e-mail. If you are online, please send your address to dlorance@calpoly.edu.

They’re in the Army Now

These Cal Poly football players didn’t join the Army, but they did get a taste of military life during pre-season training at nearby Camp Roberts, an active Army National Guard base. Construction of a parking structure on campus eliminated the team’s practice field, so the coaching staff, athletes, and other personnel did a two-week stint at the base — sleeping in the barracks and eating with the (real) troops. (No, they didn’t get to take the tank for a spin.)
After a 25-year absence, golf will return to Cal Poly at NCAA-level competition. Both men's and women's golf teams will tee off in the Big West Conference beginning this fall. The teams' home course will be the Avila Beach Golf Resort, where players will have to practice concentrating on the ball instead of the ocean views. The program will be self-supporting from community-based donations.

Five Mustangs still riding high

Five former Mustangs were inducted into the Athletic Hall of Fame in recognition of their achievements while at Cal Poly. The honorees were:

**Louis Jackson** *(1977-80)*,

one of the most prolific running backs in collegiate football history, who led Cal Poly to the 1980 National Championship. His 3,330 career rushing yards was the school record for 18 years. His record still holds for career touchdowns (32), rushing attempts in a game, season, and career, as well as for most yards in a single season.

**Berdy Harr** *(1969-83)*,

one of the all-time winning baseball coaches in the school's history, with a record of 297-249-5 for a winning percentage of .544. He recorded more than 200 wins and led the Mustangs to Southern California Baseball Association and California Collegiate Athletic Association conference titles during a 41-20 season in 1978.

**Janet Benford** *(1974-75)*,

the first female to earn All-American status for any sport at Cal Poly. As a competitor in the 100-meter hurdles and the 4-x 100-meter relay team, Benford was undefeated in dual meets. She is a two-time All-American selection and is ranked fourth in the school's all-time 100-meter hurdle list.

**Marie Lundie-Salyer** *(1979-81)*,

an All-American setter on Cal Poly's first volleyball team. She helped shape the program into one of the best in the nation. She was a first-team Southern California Athletic Association selection in 1980 and league MVP in 1981. She posted a 75-22 record and was ranked in the nation's top 10 in assists per game.

**John Orton** *(1985-87)*,

one of three former Cal Poly baseball standouts to have his uniform number retired, and one of Cal Poly's top defensive catchers. His 16 home runs make him seventh on the school's all-time career home run list. He became the highest major league draft pick in school history, selected in the first round by the California Angels.
SPORTS ROUNDUP

1999 Fall Wrap-Up

FOOTBALL
• The Mustangs finished the season with a 3-8 record, having faced the seventh-toughest schedule in Division I-AA. Senior tailback Craig Young (Rancho Cordova) became Cal Poly’s all-time career rushing leader with a total of 4,205 yards.

WOMEN’S SOCCER
• After capturing the Big West Conference title for 1999 with an 8-1 record, the Mustangs earned a trip to the NCAA Division I Championships. In the first round, Cal Poly defeated Fresno State 2-1. Both senior Michelle George (Chatsworth) and junior Eryn Gerhard (Dana Point) scored against the Bulldogs. The team lost to Stanford in the second round.

VOLLEYBALL
• The women’s volleyball team finished the year with a loss to Michigan State in the first round of the 10th NCAA Division I tournament. The Mustangs went 20-9 for the year. In the regular season, senior Kari DeSoto (Yorba Linda) led the Mustangs with 425 kills and 151 blocks, and was third in the nation in hitting with a .416 percentage.

MEN’S AND WOMEN’S CROSS COUNTRY
• Junior Adam Boothe (San Jose) led the team in capturing its second straight Big West Conference Championship. The men finished 29th at the NCAA Division I Tournament. The Mustangs earned a team total of 607 points.

• Senior Melissa Verlarde (San Francisco), junior Jennifer Spahr (Huntington Beach), sophomore Allison Millhollen (Newcastle), and junior Jennifer DeRego (San Jose) helped the Mustangs earn a third-place finish at the conference championships.

MEN’S SOCCER
• The men’s soccer team had its ups and downs, mostly due to injuries. Cal Poly ended at 4-11-3. Sophomore Anthony Dlmech (Burlingame) led the team with seven goals.

Senior guard Mike Wozniak became Cal Poly’s all-time scorer this season by surpassing former Mustang Mike LaRoche’s record of 1,501 career points.
Cannon comes home to Cal Poly

by Dave Wilcox (JOUR '86)

Four years removed from his days as a Cal Poly civil engineering student, Mike Cannon (CE '83) knew his time had come. The owner of the four-person San Luis Obispo firm where Cannon worked intended to close up shop.

One of the company's most exciting projects is the ongoing construction of Cal Poly's new sports complex. "It's exhilarating," Cannon said of his firm's engineering of the sports complex. He calls it a "civil engineer's dream project" that's especially meaningful because it's at Cal Poly. When finished, the complex will include a lighted baseball stadium, a softball field, and six playing fields for intramural sports.

Pride mixes with gratitude as he reflects on the opportunity. "I want to say, 'Look, this is the school where I learned engineering and now I'm part of a team that's going to build a major facility for you.'"

But that's hardly the extent of Cannon's contributions to his alma mater. He sits on the Civil Engineering Department's industrial advisory board, made up of professionals from throughout California. Board members help the engineering college shape its curriculum to better reflect "real-world" technological advances, so graduating students are better prepared to enter jobs with a shorter learning curve.

Additionally, Cannon is one of the most popular guest lecturers each quarter in the Civil Engineering Department, speaking to students in the upper-division Professional Practices course.

"We give him the honor of being the final lecturer of the quarter," said Professor Jay DeNatale, who coordinates the guest lecturers. "All the things that make a speaker great, that's Mike."

Student evaluations bear that out, said DeNatale. "He's an extremely popular lecturer. He speaks from experience. He lives what he's talking about."

Cannon's service to Cal Poly earned him the honor last year of the Civil Engineering Department's Medallion Award. "It was humbling to be recognized by the department with such a prestigious award," said Cannon. "The education I received at Cal Poly was instrumental in achieving my goals and I believe in giving back time and energy to the university."

Besides the sports complex, Cannon Associates is also engineering Cal Poly's first apartment-style dorms, a $29 million project that university officials expect to begin housing second- and third-year students beginning fall quarter 2002.

Cannon is setting his sights on even bigger challenges, even as his firm tackles increasingly complex projects.

"We're certainly not going to stop in San Luis Obispo."
The opportunity not only to receive the classroom instruction necessary to learn horticulture, but the opportunity to put this information to practice in the field gave me a head start on graduates from other colleges.

— Robert L. Scofield  
Ornamental Horticulture '53  
Scofield retired from Environmental Industries Inc. after a distinguished horticultural career implementing arbor-care services, developing a golf-course management division, and recruiting staff. He is a member of the College of Agriculture's dean's advisory council.
"During my professional career, Cal Poly's learn-by-doing method created in me a pragmatic approach to problem-solving, client relations, and conducting my business."

— Donald R. Fischbach
Business Administration '69

Fischbach has been an attorney with Baker, Manock & Jensen since 1972, specializing in professional malpractice defense and personal injury litigation. He is a member of many professional associations, including the State Bar of California, the American Bar Association, and the American Society of Law and Medicine.

"In the mid-50s the only teacher who taught engineering in the Architectural Engineering Department was Hans Mager, who gave me and other students a feel for engineering concepts that was an advantage over graduates of other institutions who had very little engineering background."

— Eugene E. Cole
Architectural Engineering '56

In 1963 Cole founded Cole/Yee/Schubert, a leading structural engineering consulting firm in Sacramento. He is a past president of the Structural Engineers Association of Central California and a past president and current fellow member of the Structural Engineers Association of California. He is an internationally known expert in earthquake damage, and has taught courses at CAED.

"The greatest strengths of my Cal Poly education were a strong background in a wide array of engineering fundamentals and the ability to link theory with practice. The capacity to reduce a complex problem to simpler elements and not lose track of the whole has served me well."

— Rory A. Cooper
Electrical Engineering '85; M.A. Engineering '86

Cooper is professor and chair for the Department of Rehabilitation Science and Technology, director of the Pitt/VAMC Human Engineering Research Laboratories, and director of the Rehabilitation Engineering Program in the School of Health and Rehabilitation Sciences at the University of Pittsburgh. Previously, he was an associate professor of biomedical engineering at Cal State University, Sacramento.
"Cal Poly helped me gain the skill and confidence required to put myself at risk of failure because I know that ‘learning by doing’ is the best way to continue to grow and achieve success."

— Robert D. Heuvel
Agribusiness ’73; Credential ’74; M.A. Agriculture ’77

Heuvel is program manager in agricultural education at the California Department of Education, where his work includes overseeing curriculum development and student organization advising and coordination. He is president of the National Association of Supervisors of Agricultural Education, a member of the National Council for Agricultural Education’s board of directors, and a member of the steering committee for the National Council’s “Reinventing Agricultural Education for the Year 2020” project.

"Putting together a senior project with [our] hands on the hardware and making things work in time to meet deadlines was particularly useful. The project’s final report tends to become the product, as oftentimes it is in real industry."

— William R. Livesay
Physics ’67

Livesay has founded two successful semiconductor equipment companies and was a pioneer in electron beam lithography. As founder and president of Electron Vision Corporation, he developed and patented the first large-area electron source for use by the semiconductor industry. He sold the company to AlliedSignal Inc. in 1996, where he is now director of technology.

"Cal Poly’s learn-by-doing philosophy left me in a unique position to quickly size up situations and act with leadership. The many team projects prepared me to communicate clearly."

— Mark A. Coudray
Graphic Communication ’77

Coudray is president of Serigraphic Design Inc., a high-quality screen printer specializing in full-color printing for corporate accounts, and owner of Coudray Graphic Technologies, formed to investigate, develop, and implement emerging digital technologies for the screen printing industry. He is a member of the Academy of Screen Printing, a group of fewer than 50 members worldwide recognized for advances in screen printing technology, and chair of the Graphic Communication advisory board.

NOTE This year the association also presented its first annual Distinguished Service Award to the late Owen Servatius (SOCS ’59, MA ED ’65), who retired in 1983 after 36 years of service to Cal Poly. During his tenure he was an assistant to former President Julian McPhee, taught business, and was acting dean of the School of Business and Social Sciences. (See “In Memoriam” section, page 47.)
The Cal Poly Alumni Association announces changes and additions to its Web site, which has a new address of www.alumni.calpoly.edu and a new name — Cal Poly Alumni Network — reflecting the organization's desire that alumni correspond online.

To encourage such networking, the association is offering free lifelong e-mail forwarding to an online alumni directory site, with each entry including an e-mail address, class year, and major. This service does not replace AOL, Prodigy, or other Internet service provider accounts — it simply forwards e-mail from fellow alumni via a personal Cal Poly e-mail address to an existing personal e-mail account.

In the future, alumni will be able to shop at an online mall through a Cal Poly e-commerce portal, with the association receiving a percentage of each purchase, many of which will be discounted. Other site services will include alumni mentoring for Cal Poly students, career networking assistance, and hosted chat rooms.

Mayor Jeff Griffin reads the official proclamation renaming Reno's Moana Stadium as the Steven G. Ridell Stadium in memory of Steve Ridell ('69, MBA '77) (see "In Memoriam" section, fall 1999 Cal Poly Magazine).

With him are Frankie Ridell and her son Chris. Ridell was Cal Poly's director of alumni affairs in the '70s and early '80s, and in 1983 became director of development for the University of Reno's foundation. He served as associate director of advancement for the National Council of Juvenile and Family Court Judges, championed Reno's downtown redevelopment campaign, and was former president of the Reno-Sparks Chamber of Commerce. For information on donating to the Steve Ridell Memorial Scholarship, call the Alumni Relations Office at 805/756-2586.

(Photo courtesy of Denny Martindale)
Reserve your place at 13th annual golf tourney

Mat Pica Pi, Society of Printing, will present its 13th Annual Graphic Communication Department Alumni Golf Tournament and Awards Dinner on Saturday, May 6, at the Morro Bay Golf Club. The deadline for entries is April 1 and space is limited — call Red Heesch for information and reservations at 805/756-2267.
The Class of 1949's "Golden Grads" were spotlighted throughout the weekend of Homecoming '99, ending with a special alumni/reunion breakfast in their honor at Cal Poly's Vista Grande Restaurant. (Photo by Jack Spaulding)
College of Science and Mathematics establishes Cal Poly’s first endowed chair

Eighteen pledges totaling more than $1 million from companies and individuals will fully fund the Arthur C. Edwards Endowed Chair for Coatings Technology and Ecology in the College of Science and Mathematics.

The chair — defined as the investment of at least $1 million to support a new faculty position specially focused in polymers and coatings education — is the first step in creating a western regional center for polymers and coatings chemistry. Such a center has been a long-term goal arising from a 12-year association between Cal Poly’s Chemistry and Biochemistry Department and the coatings industry.

The lead gift of $425,000 is being provided by Dunn-Edwards Co. Additional gifts of $75,000 and $25,000 are being donated by Ken Edwards and Edward Edwards, respectively, two of Arthur Edwards’ three sons who now run the family-owned corporation.

"This is indeed an historic day," Cal Poly President Warren J. Baker said. "As we are about to celebrate the university’s centennial, we are pleased to have raised the more than $1 million necessary to establish the endowed chair. [This is] a first in Cal Poly’s history that could not have been possible without the close working relationships among industry, faculty, and the university."

"The endowed chair is the culmination of a very close and always-growing educational and professional partnership between the faculty and students. The gifts will make it possible to create a center of excellence that will benefit Cal Poly, industry, and provide special opportunities for both," said Phil Bailey, dean of the College of Science and Mathematics.

Bob Smiland, owner of Smiland Paint Co., seconded Bailey’s sentiments. "Good and worthwhile projects deserve a quick response, and the industry provided that support to this outstanding program."

All this would not have been possible without Biochemistry and Chemistry Professors Max Wills and Dane Jones. They have worked closely with the industry to provide the most up-to-date instruction. Students have benefited from the industry partnerships through internships and numerous jobs at coating companies throughout the county.

Other significant pledges have been made by Smiland Paint Co., DuPont, Rohm and Haas, Engineered Polymers Solutions, Kronos Inc., Vista Paint Corp., Ishihara Corp., Ellis Paint Co., Millennium Inorganic Chemicals, Hansteck Corp., the Los Angeles Society for Coating Technology, Joe Reilly, Burgess Pigment Co., E. T. Horn, and Jim Calkin.

Celebrating Cal Poly’s first endowed chair are (left to right) President Warren J. Baker, Ken Edwards (Dunn-Edwards Corp.), and Phil Bailey (dean of the College of Science and Mathematics). (Photo by Tony Hertz)
When **Pat Edwards** (**BIO** '75) was an engineering student at Cal Poly, he took a Biology 101 class from V. L. Holland, a new professor. It was a life-altering experience.

"I'd never had biology in high school," said Edwards, "and Holland's class — his first assignment at Cal Poly — was a real mind-blower for me. It changed everything."

Under Holland's mentorship, Edwards switched his major and his direction in life, becoming the first person in his family to obtain an undergraduate degree and eventually pursuing a successful career in pharmaceutical sales.

"I wanted to give back to Cal Poly not just my time but my resources because I had such a rich experience there," Edwards said. "I also wanted to credit V. L. Holland for my satisfying 25-year career." Holland is currently the chair of the Biological Sciences Department.

Edwards has established the Patrick M. Edwards Fund for Excellence in the Biological Sciences Department. He created the endowment with a personal donation of $10,000. His employer, Searle, owned by Monsanto, will match the funds on a one-to-one basis, bringing the fund balance to $20,000.

Edwards, who represents the College of Science and Mathematics on the alumni board, will collaborate with Holland to allocate unrestricted monies from the fund to a variety of studies in the biological sciences, including sending students to intercollegiate competitions and supporting them in studies such as the Biosphere 2 project (see story under "University News").

For more information on planned giving or other contributions to the College of Science and Mathematics, call Cary A. Bowdich, director of advancement, at 805/756-5713 (fax 805/756-1670, e-mail cbowdich@calpoly.edu). For matching gifts, contact Cal Poly Matching Gifts Specialist Kathryn Sutherland, Advancement Services, 805/756-1555 (fax 805/756-5409, e-mail ksutherl@calpoly.edu).
Arnolds establish trust for the UCTE

Retired Los Angeles-area educators Lee and Allyn Arnold of Cayucos have created a planned gift that will benefit Cal Poly's University Center for Teacher Education (UCTE) and enhance the center's hands-on approach.

"As retired educators, Allyn and Lee endorse the UCTE's field-based teacher preparation and support the UCTE's many school partnerships," Roper said.

The UCTE has reshaped the way student teachers are educated at Cal Poly, giving them as much actual classroom experience as possible. The center works to improve teacher education by actively collaborating with local schools to foster "simultaneous renewal."

The Arnolds' gift, established as a charitable remainder trust, creates a future gift for the UCTE while generating current tax and financial benefits for the Arnolds. For more information on planned giving, contact Mike McCall, J.D., Cal Poly Director of Planned Giving and Endowments, 805/756-7125 or toll-free at 800/549-2666 (fax 805/756-2711, e-mail mmccall@calpoly.edu).

James Brennan: An ambassador with portfolio

James Brennan (MECH ENGR '62) has always been an ambassador for understanding between the worlds of technology, industry, and the average citizen, and, most recently, between Cal Poly and Chalmers University of Technology in Gothenburg, Sweden.

While at Cal Poly, economics and political science classes spurred his interest in technological applications.

"The contribution I wanted to make was bringing technology to bear on commercial and social issues," he said.

After graduation Brennan joined General Electric's Overseas Sales Group, selling and providing local support for nuclear reactors in Italy, Spain, India, and Japan.

But it took up to eight years to develop, design, and build a plant, and Brennan wanted to make a more immediate impact. He earned an MBA from UC Berkeley, worked in industry and banking, then joined the Stanford Research Institute to help create market strategies for mechanical and electrical industries worldwide.

From Stanford, Brennan moved to the Bay Area Rapid Transit Agency. "I wanted to encourage people to make a behavioral change, to opt for electrical intra-urban rail transport instead of cars."

With the OPEC oil embargo in the '70s, energy efficiency became a hot topic again. As president of the Pacific Energy Services Company, a subsidiary of PG&E, Brennan educated school and hospital managers on the cost-effectiveness of energy-saving devices.

In 1988 he became an independent energy consultant, pointing out that "anything we can do to remove our dependency from a fossil-fuel-based economy is likely to be of social benefit, including the reduction of global warming effects."

Brennan's latest venture as an ambassador/educator is his gift of appreciated securities to endow student and teacher exchanges in mechanical engineering between Cal Poly and the Chalmers University of Technology. (Brennan's Swedish wife, Gunilla Ramell, director of corporate relations for the World Affairs Council of Northern California, is a strong ally in the project.)

"We considered a charitable remainder trust, but decided against it. The recipient would have to wait for our deaths — we were trying to figure how to get this thing rolling," said Brennan. "Also, with a gift of appreciated stocks, we don't have to pay capital gains, I can turn it over right away, plus receive a tax benefit. It was the best possible option."

For Jim Brennan, positive, speedy change is of the essence, and now his endowment will ensure the same for Cal Poly.
**GIFTS**

- **OrCAD**, a leader in Windows-based electronic design automation software, provided the College of Engineering with software and services valued at more than $207,000. The gift, which includes products and training for schematic design and print circuit board layout engineering courses, will upgrade the College of Engineering's Computer Aided Design/Computer Aided Manufacturing lab.

- **Adept Technology Inc.**, America's largest manufacturer of industrial robots and a factory automation leader, has donated software and hardware to Cal Poly's Teaching Factory, a two-year project funded in part by the Cal Poly Plan. The Adept donation will be used in the Factory's new Adept Technology Material Automation Cell, which will focus on material handling systems such as simulation systems and robots, giving students hands-on experience in class, team, and senior projects, graduate theses, and applied research projects. Additional funds for the automation cell were provided by the Society of Manufacturing Engineering.

- **Carol Andrews of Browns Valley** has established the **Michael T. Andrews Best Senior and Capstone Project Prize Endowment** in memory of her husband, **Michael (MECH AG '61)**. Her gift of $100,000 will provide annual awards for the best senior project and best capstone project within the Bioresource and Agricultural Engineering Department.

- **Alice Parks Nelson** of San Luis Obispo has donated $80,000 of local real estate for the benefit of the Music Department.

- **BFGC Architects Planners Inc.** donated $50,000 to the College of Architecture and Environmental Design to create a student-support endowment. Over the last 50 years the firm has hired at least 50 Cal Poly graduates, and the annual BFGC scholarships will be awarded to architecture majors with well-rounded professional and social skills, good grades, and outstanding leadership skills.

- **The William Randolph Hearst Foundation** increased the College of Business' Hearst Foundation endowment for preserving and restoring Hearst Castle textiles with a gift of $35,000, bringing the grant level to $70,000 and enabling a continuing series of Cal Poly interns to gain valuable hands-on experience at the castle.

- **The SST Development Group**, with the cooperation of **Helena Chemical Co. and CASE Corp.**, has donated software intended for all areas of agricultural management to the College of Agriculture's geographic information system (GIS) laboratories. Produced by SST, the SSToolbox program is designed to manage precision farming technologies.
Richard Armfield (left), general manager of San Luis Obispo's NBC local affiliate, KSBY-TV, presents Cal Poly President Warren J. Baker with a check for $5,000. The gift notes the university's community contributions. (Photo by Jeff Bliss)
SUBMITTING CLASS NOTES INFO

We welcome alumni news on jobs, moves, and special activities. Please include your name — first, last (maiden) — major and graduation year (or dates of attendance), address, phone, and 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 ars@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

• Ray Peckham (ACRE '38) plays trombone in a big band called “Senior Class.” He was in the first Collegian dance band at Cal Poly and was a dorm keeper in Heron Hall. He’s retired and living in San Juan Capistrano.

• Jerold Segall (ASCI '51) sold his auto shop and retired to Sun City Palm Desert. He has his real estate license and is a certified organic grower of jojoba.

'40s

• Robert Raybourn (ASCI '48) lives in Lake Forest and enjoys traveling during his retirement. He says, “Greetings to all the old gang.”

• Wesley J. Webb (ARCH '51) is retired after 38 years with the U.S. Dept. of Defense and six years with the Yuba County Dept. of Public Works. He lives in Bangor.

• Eugene Whitney (ASCI '48) says he’s an active farmer in “excellent health.” He gives talks in classrooms to students of all ages and hosts tours through forest and agricultural land. He resides in Fortuna.

• Eugene Starkey (DSCI '52) retired from Cal Poly’s Dairy Science Dept. in 1991. He serves as secretary and treasurer for the California Creamery Operators Association. He enjoys golfing and resides in San Luis Obispo.

'50s

• Robert C. Kimball (ASCI '50) retired in 1994 after 30 years with Patterson Frozen Foods in Patterson, where he lives.

• John Sullivan (AERO '52) retired from United Air Lines in 1990 and lives in Pacifica. “I’ve had a healthy retirement,” he writes.

• Thomas E. Bedell (ASCI '53) retired from Oregon State University in 1992, owns 17 acres, and sells hay and sheep, flies a private airplane, and is active in resource conservation work. He has eight grand-children and resides in Philomath, Ore.

• S.G. Freshour (EL '53) is a design engineer at Fisher Research Laboratory in Los Banos. In 1999 he spent three months volunteering in the engineering department of HCJB (a short-wave radio station) in Quito, Ecuador.

• Jay Phillips (PE '54) has retired to Cambria after teaching in the Dept. of Corrections and public schools for 37 years. For recreation he and his wife enjoy travel and golf. His writes that his mentor was Dr. Mott.

• Reginald Keddie (PI '56) is rotary district governor for the northern half of Oregon. He owns a poultry business near Portland and lives in Aurora, Ore.

• Robert Olivas (AERO '57) enjoys traveling in his new motor home and resides in Palm Desert.

• O. Edward Hoiland (ARCH '58) is a retired architect and enjoys bicycle trips in Europe. He resides in Chico.
• Carrol R. Pruett (AH '59) was elected chairman of the board of Mid-State Bank in Arroyo Grande. He was a founding officer of the bank in 1961 and became president and CEO in 1967.

'60s

• Thomas Mastin Baron (EL '60, MATH '60) is vice president of operations at Rogar International Corp. and is responsible for all engineering tasks and new product definitions. He lives in Midlothian, Va.

• Robert Loeffler (ARCE '60) is a senior structural designer at Thornton-Tomasetti/Coil & Welsh Engineers in Tustin.

• Joellen Jarvi (BIO '61) is assistant project manager for the Space Station Biological Research Project at NASA's Ames Research Center. She builds closed environmental habitats for fish, insects, rats, plants, cells, and avian eggs to go on the International Space Station. She lives in Cupertino.

• Gordon Nielsen (AERO '63) is vice president at United Space Alliance, Kennedy Space Center, for the Solid Rocket Booster Element Space Shuttle. He lives in Merritt Island, Fla.

• Robert A. Bryant (AERO '64) is a retired engineer in Ketchikan, Alaska. He is building a new house and helping to restore the Gromman Goose Amphibian for the historical society.

• Ann Davis (HE '65) is a dog obedience trainer with Sonoma County Shelter and owns two businesses — Riverwood and Shadow Hush. She lives in Sebastopol.

• Stephanie Harkness (HE '65) is owner and CEO of Pacific Plastics & Engineering, a Silicon Valley plastics manufacturing company. She was honored as 1999 Woman Business Owner of the Year by the National Association of Woman Business Owners.

• Thomas D. Eastlack (BUS '66) birdied the final hole to win the 1999 California State Senior Golf Championship. "Since I work for Bird Products," he writes, "I should know how to make 'birdies.'" He resides in Menifee.

• Russell H. Jones (MET '67) is a senior staff scientist at Pacific Northwest National Laboratory in Richland, Wash. He served as the general chairman for the 9th International Conference on Fusion Reactor Materials in October 1999.

• Martin Meier (IE '67) consults mechanical and electrical engineers as chief engineer at Donn C. Gilmore and Associates. He lives in Orange.

• Leon T. McHaney (ARCH '68) is a staff architect with Don Pickett & Associates in Fresno.

• Gin P. Kremen (BIO '69) is practicing dentistry and completed a six-year run on the Parents and Friends board, an organization that works with developmentally disabled adults. He lives in Fort Bragg.

'70s

• Marjorie E. Hasley (MA ED '70) owns Paintings & Graphics in Kerrville, Texas.

• David Lipp (IT '70) is professor and department chair for computer information systems at the Woodbridge campus of Strayer University. He lives in Woodbridge, Va.

• Steven DeGrood (NRM '71) has been working for the Washington Dept. of Fish & Wildlife for more than 26 years. Currently he is working as a biologist on the Upland Wildlife Restoration Program and resides in Selah, Wash.

• Ellen Martin (SOCS '71) is an assistant at the Alpine County Museum and a reading tutor at Woodfords Indian Colony. She resides in Markleeville.

• Robert Moss (MATH '71, CSC '71, MS MATH '72) has been the systems and programming manager for the County of San Luis Obispo for more than 25 years. He and his wife have five children, two grandchildren, and live in Atascadero.
• William M. Jenkins (ASCI '72) is an advisor for the Don Pedro Recreation Agency. He lives in La Grange with his wife.

• Gerald Knecht, who studied mechanical engineering in 1972, co-owns Knecht's Plumbing and Heating Inc. in San Luis Obispo.

• Mary Ann Baldiviez (HE '73) has been a home economics teacher at El Camino Junior High School in Santa Maria for 25 years.

• Richard Bouslough (MATH '73) is director of computer services at Forest Home Christian Conference Center. He lives in Yucaipa with his wife of 20 years, Claudia Bouslough (POLS '79).

• Craig Hoellwarth (ARCH '73) started Quest Consulting in 1996, provider of facility planning, energy sustainability, and business development services. He lives in Elk Grove. His son, Chance Hoellwarth (PHYS '91), teaches physics at Cal Poly.

• James E. Thomas (AERO '73) is a project manager in Prudhoe Bay, Alaska, on contract to British Petroleum. He spent two years reconstructing a 1947 Piper PA12 Super Cruiser. He resides in Anchorage.

• Linda S. Whitmore (BIO '73) is a science teacher at Las Flores Middle School, where she was teacher of the year in 1998. She earned her master's degree in education and is living in San Juan Capistrano.

• Anthony Fillius (BUS '74) is the Western U.S. director of national accounts for Bracco Diagnostics Inc., and has won award trips to Bermuda and Costa Rica. He lives in San Diego.

• Ed Terlau (EE '74) retired after 24 years at Pacific Gas and Electric Co. He has started an engineering consulting company specializing in utility electrical protection and resides in Carson City, Nev.

• Homer Thompson (BUS '74) manages the implementation of new information systems at Bonneville Power Administration in Portland, Ore.

• William Thompson (BUS '74) manages the systems engineering group at Quintron Systems Inc. and resides in Santa Maria.

• Riley C. Walter (POLS '74) joined the law firm of Kahn, Soares & Conway in Fresno and specializes in agricultural bankruptcies.

• Kenneth E. Doty (AGB '75) is president of Ellwood Ranch Inc. in Goleta and was past president of Santa Barbara County Farm Bureau.

• Glenn C. Dyson (MA '75) was promoted to director of operations for ServiceMaster in its Brazil location. He earned his MBA in 1994 and resides in Sao Paulo.

• Katherine Kuletz (BIO '75) earned her Ph.D. in biology from the University of Victoria in British Columbia and is a wildlife biologist for the U.S. Fish and Wildlife Service in Anchorage, Alaska.

• Cynthia Leeder (BCHM '75) is a database project leader for MDL Information Systems, a chemistry software company. She also serves as the continuing education officer for the Northern California section of the American Association of Clinical Chemistry. Leeder lives in San Jose.

• David Pritchard (FM '75) received an honorary American FFA degree at the national FFA Convention in Louisville, Ky., in October 1999. For the past 23 years he has taught agricultural education at Southwest High School in El Centro.

• Steven M. Rogers (NRM '75) retired from the County of Santa Barbara Parks Dept. Now he is manager of interpretation for Arizona Territory, a 93-acre cultural heritage park that is scheduled to open to the public in 2002 near Flagstaff.
- **Steven Allen**, who studied engineering science in 1976, won salesman of the year for Chrysalis Symbolic Design. He lives with his wife, **Patricia Allen (IT ’89)**, and their two children in Saratoga.

- **Janet Eastman**, who studied journalism in 1976, authored the book *Simple Indulgence: Easy, Everyday Things to Do for Me*, published in 1999. She is the style editor for the *Los Angeles Times* and resides in Orange County.

- **Kevin J. McNamara (MATH ’76)** is mathematics chair at Righetti High School and coaches track and field at Allen Hancock College. He lives in Santa Maria with his wife.

- **Edwin Studor (LA ’76)** was promoted to administrative manager for the Riverside County Transportation and Land Management Agency. He lives in Beaumont.

- **Weston Clark (CSC ’77)** is manager of workstation administration in the IT Dept. of PeopleSoft Inc. in Pleasanton.

- **Mike Conway (JOUR ’77)** is the city editor of the *Merced Sun-Star*. He and his wife, **Diane (Booth) Conway (JOUR ’76)**, have four children.

- **David J. Highland (NRM ’77)** is a fish habitat specialist with the California Dept. of Fish and Game. He lives in Atascadero with his wife and two children.

- **Garet Kappers (TREN ’77)** is a senior project manager on the engineering, procurement, and construction of the $188 million Aden Container terminal project in the Port of Singapore.

- **Richard A. Webb (AERO ’77)** is in the Navy jet pilot training program in Kingsville, Texas.

- **Brent Willey (SPC ’77)** is the evangelist for the Cayucos Church of Christ. He and his wife celebrated their 25th wedding anniversary in October and have three children. His oldest daughter, Rachel, studies nutritional science at Cal Poly.

- **Michael Dudley (AERO ’78)** earned his M.S. in mechanical engineering from Stanford in 1990 and is associate director for aerospace at NASA Ames Research Center. He resides in Los Altos.

- **Thomas L. Kessler (AERO ’78)** was promoted to program manager in the solar orbital transfer vehicle program at Boeing Co. He and his wife live in Palos Verdes Estates.

- **Richard Leflore (NRM ’78)** is district planner for the California Dept. of Parks and Recreation’s American River District. He earned his master’s degree in 1990 from CSU Sacramento and resides in Davis with his wife and three children.

- **Bradford Boyes (ENVE ’79)** is vice president at Sierra-Pacific Environmental Inc. in Ventura.

- **Steven R. Knell (AE ’79)** is project manager for the water conservation and transfer project between the Imperial Irrigation District and San Diego County Water Authority. He and his wife have two daughters and live in Imperial.

- **Russell L. Lambert (CRP ’79)** is project manager at the Dept. of Community Development in Yuma, Ariz.

- **Christy (Hughart) Lesicka**, who studied physical education in 1979, is a singer and songwriter for Sonshine Praise Singers and volunteers teaching marching, symphonic bands, and drama at local high schools. She and her husband, **Donald Lesicka (IA ’80)**, have two children and live in Parowan, Utah.

- **Regina Gibson Moore (POLS ’79)** travels extensively as a computer consultant. She lives in Arlington, Va., with her daughter and husband. She writes, “Greetings to all my professors and friends, especially Moan, Ann, Marla, and the rest of the B-suitors, and to Bayard and Tobe.”

- **Mark R. Crawford (AERO ’80)** is director of engineering on the joint strike fighter program for the Air Force Flight Test Center at Edwards Air Force Base. He lives in Lancaster.
- **Paul B. Dumas (BUS ’80)**
  is director of finance for Remedy Corp. He resides in Redwood City with his wife.

- **Dwight MacDonald (PE ’80)**
  teaches physical education at Arroyo Grande High School in Arroyo Grande. He and his wife have two young children.

- **Jim Schrempp (CSC ’80)**
  started his own company, Wired Air Inc. He resides in Saratoga.

- **David Cline (ESCI ’81)**
  earned a B.S. in mathematics in 1986 and a secondary teaching credential in 1991, both from UC Riverside. He is the operations staff analyst for Inland Empire Health Plan in San Bernardino.

- **Rick Habein (ASCI ’81)**
  owns a meat business in Laupahoehoe, Hawaii.

- **Cheryl D. Kelling (ASCI ’81)**
  is the Central Coast area manager for First American Home Buyers Protection. She lives in Atascadero.

- **Rob L. Martin (BUS ’81)**
  is vice president of industrial real estate at Grubb & Ellis Co. in San Jose.

- **Lori (Scheuber) Coleman (AGB ’82)**
  is a stay-at-home mom. She and her husband have three children and live in Turlock.

- **Chris Ford (ARCH ’82)**
  is president of C3 Design Alliance, an architecture, project management, and strategic planning firm in San Francisco. He and his wife, April Ford (ARCH ’86), are active in the San Francisco AIA small business committee and have a young son.

- **John Furtado Jr. (NRM ’82)**
  oversees nationwide project management for Bank of America’s Data Center Solutions Division. He lives with his wife in Benicia.

- **Thomas Roche (ACRE ’82)**
  is vice president of the risk consultants division of EQE International, a risk management company. He authored the Loma Prieta, Northridge, and Kobe earthquake research publications for the Electric Power Research Institute. He lives in Laguna Niguel with his wife.

- **Dixie Cavigli (SOCS ’83)**
  started her own business in San Luis Obispo called “A Touch of the Left Bank,” where she “plans to use talented local artists to teach art to people ages 9 to 90.”

- **Douglas Shaw Jr. (ECON ’83)**
  has worked with CB Richard Ellis, a commercial real estate services company in Ventura, for the past 16 years.

- **Rachelle Cohen (ILS ’84)**
  earned her master’s in Montessori elementary education at Barry University in Florida in 1994 and now teaches a Montessori class. She lives in Boca Raton, Fla.

- **DeAnn Henderson (IE ’84)**
  retired after 15 years from Intel Corp. She resides in Gilbert, Ariz.

- **Lynda Kiikvee (GRC ’84)**
  is co-owner of Hartford Media, a company specializing in the design and imaging of personalized employee communications. She lives with her husband, William Kiikvee (ME ’84), in Richmond, Calif.

- **Alisone Kopita (NSCI ’84)**
  is at home in Richardson, Texas, with her two young children. She volunteers with the Dallas Dietetic Association. She earned her MM.Sc. from Emory University in 1986.

- **Bruce Labins (ARCH ’84)**
  relocated his architecture firm to a renovated Victorian house in downtown Ventura. He volunteers his time teaching perspective drawing to elementary students and crews in the local J-24 sailboat racing fleet. He and his wife live in Oxnard.

- **Maryann Quartuccio (HE ’84)**
  is a personal insurance manager and personal and commercial insurance claims manager at Dorsey Hazeltine Wynne Insurance Brokers in Palo Alto. She was nominated for Who’s Who in California for the year 2000.

- **Bruce Richardson (CSC ’84)**
  is a software manager at Raytheon and lives in Vancouver, B.C.
• Robin (Nelson) Selden (BIO '84) is vice president of marketing at FaceTime Communications, an Internet start-up company. Her husband, Mark Selden (AE '86), is a physics teacher at Willow Glen High School in San Jose.

• Peter B. Smith (CE '84) manages Charles W. David Co., a civil engineering consulting firm in San Jose. He is married to Susan (Elliott) Smith (MIS '84).

• Patty Tindall (FDSC '84) works part time as a vet assistant in Fayetteville, Tenn.

• Bradford Boulais (IT '85) is manager of corporate facilities at Metabolife International Inc. in San Diego. He completed his first marathon for the Leukemia Society in Vancouver, B.C., and is a volunteer for Compassion International.

• Kevin Broady, who studied graphic communications in 1985, is president of Gardner Lithograph in Buena Park. His wife, Marilyn Broady, who also studied graphic communications in 1985, is a teacher in the Anaheim Union High School District.

• Dena Cagliero (BUS '85) received the vice president's award for sales performance in 1998 at Merck U.S. Human Health. She resides in Santa Maria.

• Jeanne (Clouse) Evans (AERO '85) has returned to a music career playing violin after doing relief work in Africa and working as an aerodynamics engineer after graduation. She is the concertmaster for Opera Pacific in Orange County and assistant concertmaster of Pacific Symphony. She lives in Hemet with her husband and daughter.

• Clifford C. Federspiel (ME '85) earned his Ph.D. and is a project leader and researcher for Johnson Controls Inc. In 1997 he received an international award honoring achievements in indoor air quality engineering.

• Dewitt Mark (ARCH '85) was promoted to vice president at the architecture firm Backen, Arrigoni & Ross Inc. in San Francisco.

• Clayton Mitchell (IE '85) joined the Navy in 1986 and is stationed in Gulfport, Miss.

• John R. Nydam (PM '85, MBA '87) works for Superstore Industries. His wife, Karen (Lucas) Nydam (BUS '85), works for Thomas L. Vermeulen, C.P.A. They have two children, live in Modesto, and are “looking forward to harvesting our first almond crop.”

• James A. Pena (AERO '85) is the principal at MDESIGN, a consulting company involved with engineering and designing electrohydraulic and hydromechanical mechanisms. “I also have a dozen patents in the diesel fuel systems area,” he writes. Pena lives in Encinitas.

• Kristen (Crummey) Burke (AGB '86) earned her master's in education, with a specialization in reading, from the University of La Verne in 1999. She teaches first grade at Alvin School in Santa Maria. Her husband, John Burke (AGB '78), is manager at the Nipomo branch of Mid-State Bank.

• Joseph C. Dalton (DSCI '86) is an assistant professor of Animal Industries Management in the Center for Agriculture and Natural Resources at the University of Minnesota, Crookston. He earned his Ph.D. from Virginia Tech in 1999 and his master's at Utah State. His wife, Neel (Johnson) Dalton (ASCI '87), earned her DVM from Virginia-Maryland Regional College of Veterinary Medicine in 1999. She is studying for her M.S. in animal science at Virginia Tech and is in private practice in Minnesota.

• Moira Delumpa (ENGL '86) retired four years ago, after teaching ESL and English in the high school and adult education sectors, to stay home with her five children in Cupertino.

• Michael Gooch (NRM '86) is manager of environmental engineering facilities at Conexant Systems Inc. (formerly Rockwell). He lives in Los Alamitos with his wife, Rachel (Racioppo) Gooch (GRC '86), who worked in the printing industry before staying home with their three children. “Thank you, Cal Poly, for providing us a solid beginning.”
• Martin Gopelt (BUS '86) is the international vice president with Comerica Bank in Long Beach. He writes that he has a "dream job."

• John V. Mares (ARCH '86) is senior vice president at Rivers & Christian in Los Angeles.

• Diego Olagaray (AGB '86) is president of the Lodi District Grape Grower's Association, working to increase vineyard development acreage in the Lodi area.

• Heather Banks-Blackburn (NSCI '87) earned her master's in psychology from Pepperdine. She works part time as a clinical dietitian at Presbyterian Hospital in Charlotte, N.C., and does private consulting. She has a young child.

• Kim Carlson (REC '87) is director of tennis activities and a tennis pro at Mountain Gate Country Club in Los Angeles. She is also on the board for cystic fibrosis, juvenile diabetes, and the Arthritis Foundation tennis tournaments. She lives in Beverly Hills.

• Sean Cooper (IT '87) is a production manager for Schlumberger. He lives with his wife and young daughter in Moorpark.

• Laura Martin-Wild (ART '87) is a part-time manager at Imagic Inc. in Los Angeles. She and her husband have a young son.

• Beth (Landy) Swank (BIO '87) and her husband, Stan Swank (BIO '87), both are faculty at Lane Community College in Eugene, Ore. They have a young son.

• Gary Visser (CSC '87) and his wife, Cathi (Arnold) Visser (CSC '88), have a young son and live in Pleasanton.

• Matthew Woodfin (CRSC '87) works in the grower relations department for Grimmway Farms. He resides in Bakersfield with his wife and three children.

• Michael R. Haslett (CM '88) is assistant vice president at Lowe Enterprises Destination Hotels and Resorts. He and his wife have a young child and live in Encino.

• Lea (Edwards) MacLean (ENGL '88) earned her master's in curriculum and instruction from CSU Bakersfield. For the past 10 years she has worked at Garces Memorial High School, where she is now the director of student activities, yearbook advisor, and teacher of American literature. She and her husband have a young daughter.

• Jeffery D. Miller (ME '88) is a project manager for the U.S. Navy Dept. of Defense. He resides in Oxnard.

• Candace (Trout) Pool (MCRO '88) is a laboratory supervisor at the Division Clinic in Portland. She is also associate apprentice training director for the Mount Hood Ski Patrol. Pool resides with her husband and young son in Portland.

• Tom Preece (CE '88) is senior manager of golf club R&D at Callaway Golf. He lives in San Diego.

• Leslie Shamma (ARCH '88) was promoted to associate at Wimberly Allison Tong & Goo, an architecture firm in Newport Beach.

• Robert Van Sickel (POLS '88) is an assistant professor of political science at Purdue University in Indiana. In 1999 he authored a book about Supreme Court Justice O'Connor, Not a Particularly Different Voice: The Jurisprudence of Sandra Day O'Connor.

• Cheryl Ades Anspach (EE '89) works in product marketing for Rockwell Automation. She and her husband have a young daughter and live in Waukesha, Wis.

• David Bradshaw (AET '89) is supervisor of the irrigation management unit for the Imperial Irrigation District, where his wife, Vikki (Dee) Bradshaw (AM '90), is an environmental resource specialist. They have two children and reside in Holtville.
• Cathy S. Cluff (SOCS '89) was elected to the board of directors for the International Spa Association. She is president of Fitness Advertising in Ojai.

• Kimi Cousins (CSC '89) is a project manager of WebSpher in the software solutions group of IBM. She and her husband have a young son and live in Apex, N.C.

• William G. DeLey (BUS '89) earned his MBA with an emphasis in internet marketing from MIT in 1999. He lives in Boston.

• Anthony Dunn (NRM '89) is director of Sierra Energy Center in Sonora, Tuolumne County.

• David Furrer (BUS '89) and his wife, Terri (McGuigan) Furrer (BUS '91), have two children and live in Rocklin.

• Graham Gearing (CSC '89) works for Cypress Semiconductor in its Bloomington, Minn. facility. His wife, Penny (Pinkerton) Gearing (BUS '90), is a full-time, stay-at-home mom to their three children. The Gearings live in Apple Valley, Minn.

• Lynne Hasselman (JOUR '89) earned her master of public health degree from Portland State University. She is a writer/communications specialist for Wellsource, a health communications and wellness assessment firm. She lives in Beaverton, Ore.

• Andrew Miller (ARCH '89) earned his MBA from the University of Washington. He works at Intracorp, a real estate development company specializing in high-density urban residential projects. He and his wife, Sandra (Mahon) Miller (ARCH '91), live in San Jose.

• Steve Peck (BUS '89) is co-director for a week-long camp for burn-injured children sponsored by the Alisa Ann Ruch Burn Foundation. He lives in San Jose.

• Eric Recsei (EHS '89) owns Acer Landscapes and lives in Morgan Hill.

• Joel F. Silva (BUS '89) was named a vice president at The Northern Trust Company. He serves in the high yield division in Northern Trust Global Investments. Silva resides in Chicago, Ill.

• Chris Babb (BCHM '90) earned his Ph.D. in analytical chemistry from the University of Hawaii in 1996. He is an assistant professor of chemistry at Berry College in Mount Berry, Ga. Babb and his wife have a daughter.

• Cheryl Jantzen (AM '90, AGB '91) is a project manager for Advanced Training Solutions, a startup Internet company. She lives in Seattle.

• Marcos Della (CSC '91) is president of CSTONE Consulting Inc., which designs and builds high volume platforms for supporting scalable Internet applications. He lives in Scotts Valley.

• Nora Milchen (AGB '91) is a graduate student at Columbia University's School of International and Public Affairs in New York.

• Jeff Borges (FDSC '92) was promoted to plant manager at Universal Foods in Turlock.

• Laura Fawcett (JOUR '92) is director of publications for the United States Figure Skating Association in Colorado Springs and serves as editor of Skating magazine.

• James Hauer (SPC '92) won the 1999 Gonzaga University School of Law Linden Cup, arguing an appellate brief before state Supreme Court justices.

• Wesley Hayes (SOCS '92) is a captain in the U.S. Marine Corps stationed in Japan.

• Christine Heinemann (ASCI '92) is a project manager at Hemphill, Green & Associates, an environmental administration and consulting company. She lives with her husband, Kevin Heinemann (BUS '92), in Beaumont.

• Michael Kiley II (BUS '92) was promoted to vice president of consulting services at AMI Visions Inc. He is married and resides in Denver, Colo.
• Caroline (Korock) Rankin (BIO '92) is an optometrist at Kaiser Permanente in Sacramento. She and her husband have a young son.

• David Svetich (PE '92) earned his master's in physical therapy from the University of the Pacific in 1995 and works at Lodi Physical Therapy.

• Holly Sweet (SPC '92) is a major account manager with Monarch Marking Systems Inc., a bar-code technology company in Hacienda Heights. She is also involved with various charities, including the American Cancer Society and Young Professionals Against Cancer.

• David H. Whitaker (AERO '92) earned his M.D. from Western U/COMP and is an intern physician at Northside Hospital and Heart Institute in St. Petersburg, Fla.

• Claudine Auyong (PE '93) teaches physical education at Harriet Eddy Middle School in Elk Grove.

• Roger Haring (CRSC '93) is studying for his M.S. in agronomy at the University of Florida and lives in Gainesville.

• Michael Heatherly (OH '93) works as a landscape pesticide applicator at Disneyland park in Anaheim.

• Marina Rubendall (OH '93) started her own interiorscaping plant business, called “Mixed Greens,” in San Juan Capistrano.

• Eric Schmidt (ARCE '93) and his wife, Cheryl (Bell) Schmidt (ARCE '93), have a young daughter and live in Portland, Ore.

• Charles Schreiber (AGSC '93) manages the export department at Tanimura & Antie, a produce company in Salinas. He is married with a young son.

• John A. Stob II (AERO '93) is a senior engineer in the robotics division of H.R. Textron. His wife, Mary Stob (BUS '90), is a customer service supervisor for Valencia Water Co. They have a young daughter.

• Timothy Thomas (CSC '93) owns Thomas Consulting Services, which supports VRU applications with some CSU campuses. He lives in Chandler, Ariz.

• Frank Verdecanna (BUS '93) was promoted to corporate controller at Interlink Computer Sciences. He lives with his wife in Santa Clara.

• Nicole B. Yuen (SPC '93) practices law at Knox Ricksen LLP in Oakland. She also has been serving as an adjunct faculty member at John F. Kennedy School of Law. Yuen is married with a young daughter.

• Michelle Cannella (GRC '94) is studying for her master's in finance at Denver University and works as a financial advisor at Sawgrass Advisors. She lives in Golden, Colo.

• Jeffrey Esposito (BUS '94) is a business manager for KNBR, KFOG, KSAN, and KTCT radio stations in San Francisco.

• Dave Glaeser (CSC '94) is a senior developer of large custom software packages for the agricultural industry at John Deere, Agris-Lathrop division. He and his wife, Colbie Glaeser (ASCI '95), live in Ripon.

• Daniel Healy (IT '94) works at Newport Biosystems. He and his wife, Samantha (George) Healy (LS '95), live in Redding.

• Amy (Kubitz) Keefe (HE '94) teaches first grade in the Tustin Unified School District. She lives in Tustin Ranch with her husband.

• Anthony Marci (AGB '94) owns Marci Crop Care Inc. in Salinas.

• Randall Myers (EL '94) is a senior electrical engineer at Aztek Engineering in Boulder, Colo.

• Kelley Olen (ASCI '94) is a certified diver and lifeguard and works for Sea World in San Diego. She also works with children in the Special Olympics in Santa Fe, N.M.
• Darryl Pauls (ET '94) is a design engineer for Sunrise Medical, manufacturer of power and manual wheelchairs. He lives with his wife in Visalia.

• Reid Seidler (ARCH '94) started Seidler Design, for residential design and drafting services, and does residential construction. He lives in Aptos.

• Stephen Yungling (POLS '94) is an associate at the law firm of Coombs & Dunlap, LLP. He lives with his wife in Napa.

• Kelley Bannon (POLS '95) earned her J.D. from Santa Clara University School of Law in 1999 and lives in Campbell.

• Christina Bloom (BUS '95) is a self-employed clinical research coordinator for pharmaceutical research and lives in San Luis Obispo.

• Jason Choyce (CE '95) is a project engineer for DPR Construction Inc. He is engaged and resides in Austin, Texas.

• Mary M. Paasch (AE '95) earned her master's in agricultural engineering from Texas A&M University. She works as a water resources engineer for Montgomery Watson, a civil and environmental consulting firm in Sacramento.

• Peter Piccardo (CRP '95) is a code enforcement officer in the planning, inspections, and permitting department with the City of Folsom. He is also on the board of directors for the California Code Enforcement Corp.

• Susan Pinza (MA ENGL '95) teaches reading, writing, and study skills at Bakersfield College.

• Jared J. Tappero (FNR '95) is a forester with Collins Pine Co. in Chester.

• Cindy Thomas (HD '95) works for Child Protective Services. Her husband, Bobby Thomas (REC '95), teaches sixth grade. They live in Valley Springs.

• John F. Worthy (ARCH '95) and his wife, Marci Worthy (ENGL '94), have a young daughter and live in Ventura. John works for C.S.A. Architects in Santa Barbara.

• Karen Ames (PSY '96) is working her way through graduate school studying educational psychology at Cal State Northridge. She lives in Agoura Hills and teaches infants and toddlers with special needs.

• Michelle Barker (ENGL '96) teaches English at Westminster High School and lives in Huntington Beach.

• Dola Contreras (EL '96) works for Hewlett-Packard's microprocessor design lab in Fort Collins, Colo.

• Darin Grams (ARCH '96) is an intermediate architect in the health care studio for the architecture firm NBBJ in Seattle, Wash.

• Ann Ho (LS '96) earned her M.A. in higher and postsecondary education from the University of Michigan in 1998. She works as assistant coordinator for orientation services at the University of Connecticut and lives in Manchester, Conn.

• Calvin Monreal (AE '96) is assistant water master at J.G. Boswell Co. in Corcoran. He is the secretary/treasurer for the California and Nevada sections of the American Society of Agricultural Engineers.

• Julie-Marie Reyes-Nelson (MATH '96) was married in 1999 and lives with her husband in Las Vegas.

• Ira Sorensen (ME '96) is studying for his Ph.D. in mechanical engineering, specializing in thermal radiation detectors, at Virginia Tech in Blacksburg, Va.
H. Keo Springer (ME '96) earned his master's in mechanical engineering from the Georgia Institute of Technology in 1998. He works for Lawrence Livermore National Laboratory in Livermore.

Gary Wells (LS '96) earned his teaching credential and teaches fifth grade at Bauer Speck School in Paso Robles.

Marcy Woolpert (HD '96) is human resource director at Compass Health Inc. in Grover Beach. She obtained her administrator's license and lives in San Luis Obispo.

Michael S. Arnold (ARCH '97) is a designer and planner at Edaw Inc. in Alexandria, Va.

Shelly Baird (OH '97) is a licensed pest control advisor and works at Hines Color Nursery. Her husband, Joe Baird (OH '96), is also a licensed pest control advisor and works at Agri-Valley Consulting in Merced, where they reside.

Michael W. Bek (BUS '97) was promoted to accounting manager at USS-Posco Industries. He lives in Concord.

Matthew W. Cox (CRSC '97) works for the family farm and dried goods business, Cox & Perez Farms and Just Tomatoes, in Westley.

Christie Jamison (BUS '97) works for Redback Networks Inc. in Sunnyvale.

Victor Lopez (AGB '97) is in product development at Keithly-Williams Seeds in Baja California, Mexico.

Lance Pritikin (AERO '97) is a spacecraft engineer for General Dynamics at the Naval Satellite Operations Center in Point Mugu. He is also president and CEO of Pritikin McCormick Engineering Consultants.

Richard Robinson (ET '97) is technology manager at E-Commerce in San Ramon.

Christine (Wortley) Stabe (BUS '97) was married in 1999. She and her husband own a new home in Elk Grove.

Benjamin Swan (AET '97) is an agriculture instructor and FFA advisor at Ripon High School. He is married and lives on a 20-acre school farm.

Tiffany Varley (HIST '97) is studying for her master's degree and a teaching credential. She resides in Agoura.

Christopher Conley (CSC '98) is a software engineer at Intel Corp. He and his wife, Barbara Conley (ENGL '96), live in Sacramento.

Kelly Moriarty (MIS '98) works in the integration, test, and sustainment group at Lockheed Martin in Santa Maria.

Elizabeth (Hester) Vigil (MATH '98) married Eric Vigil (CHEM '94) in 1999.

Carina Burkhalter (BUS '99) is engaged and lives in Fremont.

Timothy J. Domis (ENGL '99) is a production assistant at Paramount Pictures and has been working on the new John Travolta/Lisa Kudrow film, "Numbers."

Michael Glenn (ME '99) is a mechanical systems engineer at Raytheon Systems Co. in Waco, Texas, where he resides with his wife.

Josh J. Smith (ME '99) received his commission as a naval officer after completing officer candidate school at the Naval Air Station in Pensacola, Fla.
IN MEMORIAM

• James Antoine (OH '58), 63, died at his home in Pullman, Wash., in October 1998. He was a retired assistant director of the physical plant at Washington State University. He is survived by his wife, a son, a daughter, two brothers, and a sister.

• Walter Atwood (MBA '71), 69, died in Visalia in August. He worked as a controller for several agriculture-related businesses. He is survived by his wife, two daughters, and a sister.

• George Beatie (FAC, MA ED '57), 74, died in Atascadero in February 1999. He was a professor of music emeritus at Cal Poly. He is survived by his wife.

• John M. Beckman (EL '54), 72, died in Grants Pass, Ore., in August. He worked as a reliability engineer at Rockwell International. He is survived by his wife, two sons, and a daughter.

• Melvin E. Berry, who studied animal science in 1957, died in Alturas in June 1999 at the age of 64. He worked in the dairy husbandry industry and also did horseshoeing. His wife and two daughters survive him.

• Verne Casaretto (AERO '39), 81, died in Camarillo in April 1999. He worked as an aeronautical engineer for Lockheed in Sunnyvale. He is survived by two sons and a daughter.

• Robert M. Crow (ME '51), 68, died in Stanford in October 1997. He was manager of Delta Pump Co. for 44 years. He is survived by his wife, two sons, a daughter, and a brother.

• Gregory Cruzat (ASCI '79), 47, died in Huntington Beach in November 1998. He was self-employed in the shoe business. He is survived by his parents and three brothers.

• Gail Mandigo (BIO '71), 51, died in September at a Beverly Hills hospital. She worked as a medical technologist with a blood banking specialty for the Red Cross and Cedar Sinai Transfusion Service. She is survived by her mother.

• Ian McPherson (MA ED '70), 53, died in Santa Barbara in February 1999. He taught at Santa Ynez Valley Union High School. He is survived by his wife, two daughters, and his parents.

• Edward Jorgensen (FAC), 85, died in San Luis Obispo in November. He was inducted into the Cal Poly Hall of Fame in 1993 in recognition of his career as coach of the men's basketball team from 1947 to 1966 and the men's tennis coach from 1956 to 1976. He also taught in the Physical Education Department for 29 years when he retired in 1976. He is survived by his wife, three children, and a brother.

• Subhash Datta (ACRE '66), 65, died at his home in Berkeley in July 1998. He worked as an engineering consultant in the Bay Area for 30 years. He is survived by his wife and five brothers.

• John Mendenhall (FAC), 48, died of natural causes in June while vacationing in Amsterdam. A professor at Cal Poly since 1980, he taught design history and graphic design. While in the Art and Design Department he helped develop the graphic design program, one of the most highly demanded programs of its kind in the country. Mendenhall's interest in trademark design led to his writing 13 books on the subject. He also had interests in typography, symbology, package design, and corporate identity. His mother and brother survive him.
Owen Servatius (SOCS '59, MA ED '65, FAC EMERITUS), 78, died in December. An alumnus and longtime Cal Poly supporter, he retired from the university after 36 years of service, beginning as an assistant to former President Julian McPhee. He taught business for more than 30 years, specializing in human resources management and industrial relations, and for 19 years was department head. He also served as acting dean of the School of Business and Social Sciences. A noted motivational speaker, Servatius also gave keynote presentations to professional associations, industrial, and corporate groups throughout the West. Servatius was a longtime supporter of the Cal Poly Alumni Association and served as the perennial secretary to the Association's board of directors, and this past fall he was honored with the first Cal Poly Alumni Association Distinguished Service Award. Servatius is survived by his wife, three sons, two daughters, two sisters, numerous nieces and nephews, and 19 grandchildren.

It was Servatius' special wish that his life and contributions be honored through gifts to the Owen Servatius College of Business Scholarship Fund, begun in 1998.

- James Mulrooney (BUS '75), died in Folsom in March 1999. He was director of operations for Crum & Crum Enterprises in Sacramento for the past 11 years. He is survived by his wife, two sons, a daughter, his mother, a brother, and a sister.

- John Nicolaides (FAC), 76, died at his home in San Luis Obispo in April 1999. He was a professor and head of the Aeronautical Engineering Department at Cal Poly, where he retired. His wife and daughter survive him.

- Lawrence Roberson (STAFF), 77, died in Santa Maria in May 1999. He retired in 1983 as chief engineer in Cal Poly's Engineering Services Department, where he worked for 20 years. He is survived by his wife, two sons, and a daughter.

- Marilyn Rea (MATH '72), 48, died at her home in Sunnyvale in July. She was a Santa Clara Unified School District trustee, professional storyteller, teacher, and author. Her husband, two daughters, parents, and a brother survive her.

- Thomas H. Sawyer (DSCI '49), 77, died in Modesto in August. He worked as ranch lead foreman at Shell Biological Research Center in Modesto for 25 years. He is survived by his wife and three daughters.

- James Nash, M.D. (STAFF), 74, died in San Luis Obispo in July. He was the former San Luis Obispo health officer and director of health services at Cal Poly, retiring in 1991. His wife, four daughters, three sons, and two sisters survive him.
• **John G. Schaub (CRSC ’49)**, 76, of San Luis Obispo, died in July while vacationing at Tioga Pass Resort in the High Sierra near Yosemite. Since 1965 he was Cuesta College’s first dean of students, a post he held for 20 years before retirement. He is survived by his wife, two daughters, and a son.

• **Glenn T. Sherman (EL ’84)**, 36, died in Aloha, Ore., in April 1999. At the time of his death he was project manager at Instromedix in Portland. He is survived by his parents, two brothers, and a sister.

• **Douglas Smith (FAC)**, 52, Cal Poly English professor, died in San Luis Obispo in December. He earned a bachelor’s degree in psychology from Johns Hopkins in 1969, a master’s from Fairfield University in 1975, and a doctorate from Rensselaer Polytechnic Institute in 1979. From 1971 to 1973 he was a Peace Corps volunteer in Afghanistan. Smith joined the Cal Poly English faculty in 1977, teaching a variety of courses including Writing Interactive Documents, Web Authoring, and Multimedia Projects. Contributions in his memory may be made to the Foundation for the Performing Arts Center in San Luis Obispo or a favorite charity.

• **J. Murray Smith (FAC)**, 80, died in San Luis Obispo in July. He was a professor of theatre and speech at Cal Poly for 21 years. He is survived by his wife and daughter.

• **Frederick Strasburg (MA ED ’72)**, 55, died at his home in Palmdale in March 1999. He was an educator for 28 years and principal in the Palmdale Elementary School District. He is survived by his wife, **Pat (Thomas) Strasburg (BIO ’70)**, a son, and a daughter.

• **Laurence Talbott (FAC, MS ENGR ’79)**, 78, died in San Luis Obispo in September. He was a retired industrial technology professor at Cal Poly and had spent 14 years with North American Aviation. He is survived by his wife, a son, and two daughters.

• **Frank P. Thrasher (FAC)**, 82, died in Hamilton, Mont., in June 1999. He was a crop science professor at Cal Poly from 1963 until he retired in 1980. He is survived by his wife and daughter.

• **Glenn Ward (ACRE ’59)**, 70, died in Yakima, Wash., in March 1999. He had worked for Boeing and Richard Stern and Associates prior to being a consultant at the time of his death. He is survived by his wife and three daughters.

• **Thomas Wicks,** 54, who studied animal science in 1966, died at his rural Esparto home in April 1999. He worked as manager of the antibody/immunochemical custom services division of Antibodies Inc. in Davis. He is survived by his wife and three children. His daughter, Aaron-Marie Wicks, is studying agricultural business management at Cal Poly and served as 1998 Homecoming queen.

• **Marilyn York (SOCS ’74, MA ED ’81, STAFF)**, 47, associate director of international education and programs, died in San Luis Obispo in December. She began her career at Cal Poly in 1975. Contributions in her memory may be made to the Marilyn York Endowment Fund for International Students at Cal Poly, c/o Mike McCall, director planned giving and endowments, Heron Hall Room 113. A college scholarship fund has also been established at Mid-State Bank on behalf of her daughters.

• **Herman Zandstra (DSCI ’59),** 52, died in Stellendam, Netherlands, in August. He worked as an agriculture-dairy specialist for the Netherlands Department of Agriculture for 23 years. He is survived by his wife and three children.
Jerry Counts (EE '66)
is a man on a double mission.

As a Boeing senior systems engineer, he is working on the International Space Station's power system, which will be launched and installed by space-walking astronauts after the Russian service module is attached this spring.

As a generous participant in Cal Poly's planned giving program, he is helping launch future engineers, partially in appreciation for Cal Poly's hands-on approach to learning and for his on-campus teaching experience after graduation.

“Right out of school I was designing circuits, building and testing them in the lab, and then writing up comprehensive reports just like my senior project,” he says. “And teaching those classes had as much to do with my future success as anything, making me one of Boeing's main 'presenters' as I traveled around the country to meet with NASA contractors.”

Jerry wanted to give Cal Poly and students in need a substantial amount, and his estate planner suggested that because his 401(k) plan was tax deferred, it would be the best asset to leave the university.

“He explained that if I left this asset to my heirs, they would receive only a percentage of its value because of the taxes that would be due. But by designating Cal Poly as my 401(k) beneficiary, I can direct the dollars that would have gone to taxes to the university. I would encourage others my age to put in place an estate plan and consider establishing potential gifts to Cal Poly through their 401(k)'s or other retirement assets.”

For more information on planned giving, contact Mike McCall, J.D., Director of Planned Giving and Endowments, at 805/756-7125 or toll-free at 800/549-2666 (fax 805/756-2711, e-mail mmccall@calpoly.edu).
Musical parodist Al Yankovic (ARCH '80) reveals his true self during a visit home to Cal Poly, where he brought his cast of zany characters to the Performing Arts Center (see story beginning page 2). (Photo by Johnny Buzzerio)