

UC SANTA CRUZ

REVIEW

Fall 2005

UCSC's 40th Anniversary:
How today's students are preparing
to make a world of difference

Also in this Issue:
Chancellor Denton's Investiture
Lost History
Hot Tech
Memories of War
...and more





Adilah Barnes (Cowell '72) and Paul Mixon (Stevenson '71) attended the 2005 African American Alumni Reunion—one of 37 reunion events that took place during Banana Slug Spring Fair 2005.

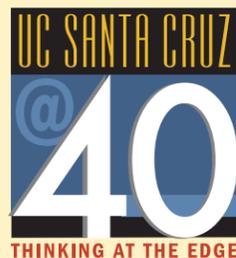
Your Reunion is April 22. Be there.

Come to Banana Slug Spring Fair 2006

- ▶ The All-Alumni Reunion Luncheon, with special recognition for 1971, 1976, 1981, 1986, 1991, 1996, and 2001 grads
- ▶ The UCSC Alumni Vintners Wine Tasting
- ▶ A panel discussion featuring fascinating graduates from the class of '76
- ▶ The annual Distinguished Faculty Lecture
- ▶ Affinity group, academic department, college-based, and other reunions

Go to alumni.ucsc.edu/reunions to:

- ▶ Reconnect with your classmates online
- ▶ Get event details
- ▶ RSVP
- ▶ Make your reunion gift



UC SANTA CRUZ

REVIEW

UC Santa Cruz

Review

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In this anniversary year, actress Elise Youssef is one of five students profiled whose achievements are cause for celebration.



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Community studies professor Paul Ortiz tells the little-known but powerful story of black resistance to white supremacy in post-Reconstruction Florida.



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Fall activities celebrate arrival of Chancellor Denice Denton



Chancellor Denton meets with students during a tour of UCSC's arts facilities—one of many introductory stops around campus the new chancellor has made since becoming UCSC's ninth chancellor in February.

Investiture, symposium, dinner are highlights

FORGOING A TRADITIONAL inauguration, Chancellor Denice D. Denton will be sworn in as UCSC's ninth chancellor as part of a series of events this fall that will be short on ceremony and long on substance. "Instead of spending resources on pomp and circumstance, we will invest in our academic priorities and our students," Chancellor Denton announced in meetings with students, staff, and faculty at the end of the 2004–05 academic year.

Instead of spending resources on pomp and circumstance, we will invest in our academic priorities and our students.
—Chancellor Denton

UC President Robert C. Dynes will participate in a brief ceremony investing Denton as UCSC's chancellor on Friday, November 4, followed immediately by her inaugural address.

A "Symposium on Academic Diversity" will take place on Thursday and Friday, November 3 and 4. On Thursday afternoon, Shirley Ann Jackson, 18th president of Rensselaer Polytechnic Institute and former chair of the U.S. Nuclear Regulatory Commission, will deliver the keynote address; Jackson will also receive the third annual UCSC Foundation Medal.

On Saturday, November 5, Chancellor Denton will host UCSC's annual Scholarships Benefit Dinner—an event at which it was announced last year that more than \$1 million in scholarships and fellowships for students had been raised. At this year's dinner, UCSC benefactor Jack Baskin will receive the foundation's first-ever Fiat Lux Award for service to the campus.

For a **schedule of special events** surrounding Chancellor Denton's investiture and to RSVP, please go to: celebration2005.ucsc.edu

Highlights of the Celebration

Symposium on Academic Diversity

Intellectual discourse on achieving excellence through diversity, access, and inclusion.

THURSDAY, NOVEMBER 3
2:30 p.m., Media Theater

FRIDAY, NOVEMBER 4
8:30 a.m., Colleges Nine/Ten*

Investiture of Denice D. Denton

Led by UC president Robert C. Dynes, a ceremony marking the investiture of Denice D. Denton as the ninth chancellor of UCSC.

FRIDAY, NOVEMBER 4
1:30 p.m., Colleges Nine/Ten*

Third Annual Scholarships Benefit Dinner

Celebrating successful Cornerstone Campaign and raising funds to support UCSC students.

SATURDAY, NOVEMBER 5
6 p.m., University Center

*Multipurpose Room

Regional events are also planned

CONTINUING Chancellor Denton's inaugural "listening tour" and offering community members opportunities to join in the celebration of the chancellor's arrival, UC Santa Cruz is collaborating with partners throughout the region to present a variety of special events this fall.

Among activities open to the public will be a series of con-

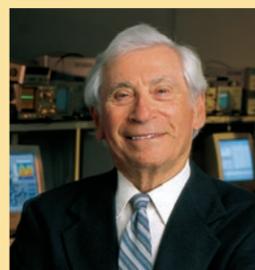
certs and lectures sponsored by UCSC's Arts & Lectures program; a presentation cosponsored with the American Association of University Women; the annual Sidhartha Maitra Lecture to complement the campus's Satyajit Ray Film and Study Collection; and a presentation by professor of physics Joel Primack at NASA Ames.

For details on these and related events, please visit: celebration2005.ucsc.edu



SYMPOSIUM KEYNOTE SPEAKER (Nov. 3, 2:30 p.m.)

Shirley Ann Jackson
President, Rensselaer Polytechnic Institute.
Recipient of UC Santa Cruz Foundation Medal.



Jack Baskin
Philanthropist and recipient of the Fiat Lux Award at the Scholarships Benefit Dinner.



Six faculty members and 11 graduate teaching assistants who have demonstrated "exemplary and inspiring teaching" have received top honors from UCSC's Academic Senate. The 2004–05 Excellence in Teaching Awards were presented by Chancellor Denice D. Denton (right) and Committee on Teaching chair Charles McDowell (second from right) at University House at the end of the academic year. Faculty award winners are (l-r) Julie Tannenbaum, Susana Terrell, Radhika Mongia, Paul Ortiz, and Jerome Neu. Not pictured is Grant Pogson.

UCSC managing operation of NASA Ames sensor facility

UCSC HAS TAKEN OVER the operation of NASA's Airborne Sensor Facility, a major program for observing and monitoring Earth's environment. The facility is based at NASA Ames Research Center in Moffett Field.

The transfer of management strengthens the links between NASA and UCSC and will enhance the campus's remote sensing capability and research, said Eli Silver, a professor of Earth sciences who was named principal investigator of the

facility earlier this year.

UCSC has a collaborative relationship with NASA Ames that includes the management of the University Affiliated Research Center (UARC), a \$330 million contract between UC and NASA for a broad range of mission-oriented research. The UARC will now oversee the activities and program of the Airborne Sensor Facility. Under the current agreement, NASA will provide funding to UCSC through the UARC at the rate of \$3 million per year to cover operation costs, salaries for the current staff of 17, and stipends for one or two graduate students, Silver said.

Researchers in UCSC's Center for Remote Sensing, part of the campus's Institute of Geophysics and Planetary Physics, use remote imaging tools to study Earth's surface, oceans, and atmosphere. Their investigations address many diverse topics, including coral reefs, glaciers, volcanoes, air pollution, ocean currents, and land-use planning.



NASA's ER-2 aircraft carries a variety of sensors used for observing and monitoring Earth's environment.

Astronomers discover most Earthlike planet yet

A TEAM OF ASTRONOMERS has reached a major milestone in the search for Earthlike planets with the discovery of the smallest planet ever detected beyond our solar system. About seven and a half times as massive as Earth, it may be the first rocky planet ever found orbiting a star not much different from our Sun.

All of the nearly 150 other extrasolar planets discovered to date around normal stars have been larger than Uranus, an ice giant 15 times the mass of Earth.

"We keep pushing the limits of what we can detect, and we're getting closer and closer to finding Earths," said team member Steven Vogt, a UCSC professor of astronomy and astrophysics.

The new planet orbits the star Gliese 876, just 15 light-years away and located in the constellation Aquarius.

The smaller planet whips



The newly discovered planet is shown in this artist's conception.

around the star in a mere two days, and is so close to the star's surface that its temperature probably tops 200 to 400 degrees Celsius (400 to 750 degrees Fahrenheit).

"This planet will be historic," said team leader Geoffrey Marcy, a UCSC alumnus and professor of astronomy at UC Berkeley. "Over 2,000 years ago, the Greek philosophers Aristotle and Epicurus argued about whether there were other Earthlike planets. Now, for the first time, we have evidence for a rocky planet around a normal star."

Research shows why older adults 'accentuate the positive'

AGE-RELATED differences appear to affect the way adults make and remember their choices in life, suggesting that older adults "accentuate the positive and eliminate the negative in their memories."

Psychologists at UCSC have learned that adults of all ages tend to "fill in the gaps" when recalling decisions of the past, shedding light on the mysteries of memory distortion. But

as people age, they rely more heavily on a comparison process that favors positive emotional outcomes, said lead researcher Mara Mather, an associate professor of psychology at UCSC, whose work was published earlier this year

in the *Journal of Experimental Psychology*.

"The results add a twist to our understanding of how people remember things that weren't there," said Mather, who coauthored the paper with

UCSC graduate student Marisa Knight and then-undergraduate Michael McCaffrey, who graduated in 2003.



Mara Mather

Falcon family draws online crowds

A PAIR OF peregrine falcons had a very public courtship this past spring and raised a family in full view of thousands of fans, thanks to researchers who set up a webcam in the falcons' nest box. The nest box sits on a ledge on the 33rd floor of the headquarters of Pacific Gas & Electric in downtown San Francisco, where it was installed by the UCSC Predatory Bird Research Group (SCPBRG). An Internet-linked camera sent streaming video of the nest to the SCPBRG web site (www.scpbrg.org).

Widely publicized in the Bay Area media, the site attracted thousands of visitors who followed the action in the nest as the falcons, "George and

Gracie," courted and then raised a clutch of four falcon chicks.

"The response has been overwhelming," said SCPBRG research associate Glenn Stewart.

More than 2,000 people participated in an online news group moderated by SCPBRG scientists. Crowds gathered in downtown San Francisco to watch the young peregrines make their first flights and to celebrate their fledging, while the web site logged hundreds of thousands of hits. Donations and notes of appreciation have poured in from enthusiastic webcam viewers and



Four peregrine falcon chicks were raised by their parents, "George and Gracie," in a nest box on the PG&E building in downtown San Francisco.

news-group participants, who tuned in from as far away as Europe. "An amazing community of people came together around these birds," Stewart said.

The falcon webcam project is part of SCPBRG's education and outreach program, supported by major gifts from Oracle and PG&E.

New Teacher Center awarded \$1.5 million federal contract

THE HIGHLY REGARDED New Teacher Center at UCSC has been awarded a \$1.5 million contract to participate in the federal government's first major evaluation of programs that school districts offer novice teachers.

The New Teacher Center (NTC) has supported beginning teachers since 1988, and now works across the country with school districts interested in intensive induction models. "We know that teacher quality is the single most important variable in student performance, and we also know that the first two years of teaching are the most challenging," says executive director Ellen Moir. "Our NTC induction model has been shown to cut new teacher drop-out rates by half, and we are beginning to show significant impact on student learning."

Theater arts creates new student-run production company

UCSC'S THEATER ARTS Department has established a new student-run production company to help ease the transition for undergraduates from academia to the professional theater world.

Named "Barnstorm" because of its home base in the Barn Theater at the foot of the campus, it has been created as a model of a small professional theater company—completely organized and managed by students.

Participants receive five units of academic credit and must put in a minimum of 150 hours each quarter working in one particular position, such as actor, director, publicist, or set designer.

Living Writers Series brings guest authors, poets into classes

EACH QUARTER, the Humanities Division's Living Writers Series brings eight to 10 visiting authors and poets into UCSC classes to give students an in-depth look into the world of the working writer.

Sponsored by the campus's Institute for Humanities Research and the Porter College Hitchcock Poetry Fund, the series is coordinated by associate professors of literature Micah Perks and Karen Yamashita, codirectors of the UCSC Creative Writing Program. "Our primary goal is to bring in people whose work we think will reach the students and broaden their horizons," said Perks.



From top: Micah Perks, Karen Yamashita

"We really try to bring a large variety of writers—people just starting out, those who have been around a long time, older people, younger people—to give students a sense of what's possible in the writing life and how the choices they make will affect their lives and work."

The spring schedule included guests such as Vietnamese American writer Linh Dinh, novelist Stephen Elliott, and poet Elizabeth Willis.

Science Department has put together a series of courses that will give students an in-depth introduction to the design and technology of interactive computer video games.

"The students we've talked to are very excited about it. To my knowledge, this is the first undergraduate initiative in computer gaming in the UC system," said Ira Pohl, professor and chair of computer science.



Halo 2, released last year, had first-day sales of \$125 million, well above the opening-day revenue of even the biggest Hollywood blockbusters.

Engineering to offer computer game design as new track

THE DEVELOPMENT OF interactive computer video games has become a multibillion-dollar industry that caters to the legions of gaming enthusiasts with a steady output of new games featuring ever greater levels of technical sophistication.

For students whose interest in games goes beyond merely playing them, UCSC's Jack Baskin School of Engineering now offers the opportunity to specialize in computer game design through a new track in the computer science major.

The Computer

New symposium showcases graduate research

THERE'S NO DOUBT about it: UCSC's first Graduate Research Symposium won't be its last. "It's succeeded beyond what we envisioned," said associate graduate studies dean Lisa Sloan as students, staff, and faculty came to the Graduate Commons in early June to look over research posters and view research presentations.

Sloan, named graduate studies dean in August, said the event had been optimistically titled the "first annual" symposium, but it is now a sure thing to return next spring.

A series of 10-minute oral presentations highlighted the variety of research being conducted.



Ph.D. student Jean Waldbieser, left, discusses her research on amphiphilic polymers with Chancellor Denton on the Graduate Commons patio.

High school graduation rate improved by home computers

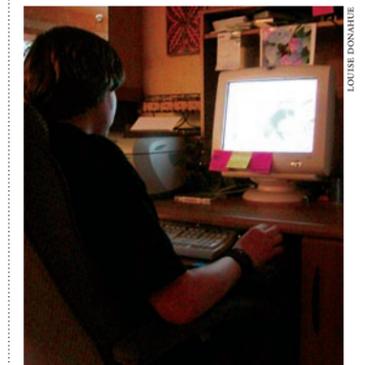
CHILDREN LIVING in homes with a computer are more likely to graduate from high school than young adults without computer access at home, even when factors like income and parental education are controlled for, according to UCSC researchers investigating the "digital divide."

Although many studies have explored the impact of computers in schools, few have assessed the impact on youth of having a computer in the home, says Robert Fairlie, associate professor of economics at UCSC and a lead project investigator.

More than a quarter of all children in the United States lack computer access at home, according to Fairlie, whose team

documented a 6 to 8 percent increase in the high school graduation rate of youth in homes with computers. Other positive impacts include a lower rate of school suspensions and higher grade-point averages among students in homes with computers.

The study is part of an investigation of the digital divide being conducted under the auspices of UCSC's Center for Justice, Tolerance, and Community.



Campus volunteers give nature a hand

FOR THE VOLUNTEERS who join work crews each quarter to help preserve UCSC's natural areas, the effort is a labor of love.

"It really is a wonderful way to get out, with a great group of people, and work to help the environment," said paleoceanography researcher

and volunteer Linda Anderson. "There's a problem here, and we're out to address it."

The problems are invasive, nonnative species and erosion. Work crews pull out the troublesome plants, replant areas with native species, and monitor the campus to detect problems with invasive species.

Scott Loosley, who heads the Site Stewardship Program of UCSC's Grounds Services, estimates volunteers have add-

ed at least 2,000 plants to the UCSC landscape, mostly in the Long Marine Lab area.

The work can be demanding—Anderson said she could recommend it as aerobic exercise—but it also comes with a sense of satisfaction.

"In the few years I've volunteered at Younger Lagoon I've been able to see once-tiny plants that we've planted thrive and form a thick cover that helps to keep out the weeds," said volunteer Laura Goodhue. A 1991 UCSC graduate, Goodhue is a field assistant for the Fort Ord Natural Reserve rare plant survey.

Students are the backbone of the volunteer preservationists, though staff and faculty members also take part.

Volunteers may sign up through the Site Stewardship Program, which can be accessed via the following web site: ucscplant.ucsc.edu/ucscplant/Grounds/.



Volunteers take part in a restoration planting project on an earthen berm buffer that separates the Long Marine Lab facilities from the Younger Lagoon Natural Reserve.



Journalist Amy Goodman, host of the popular Democracy Now! radio program, discussed the role of independent media in democracy during a lecture sponsored by the UCSC Alumni Association and College Ten earlier this year. Goodman was presented with College Ten's first Ruben Salazar Journalism Award for her "outstanding commitment to preserving the integrity of journalism."

Sociologist examines cultural inroads African Americans are making

OVER THE PAST DECADE, African Americans have become more visible on the cultural landscape of the United States, says sociologist Herman Gray. But the inroads black artists like Wynton Marsalis have made on U.S. culture aren't enough, according to Gray, author of the new book, *Cultural Moves: African Americans and the Politics of Representation*.

"I want my multiracial six-year-old grandson to be able to turn on the television and see other people of color, but we can't stop there," says Gray, a professor of sociology and chair of the department at UCSC. "Just because television does a better job now of representing our diversity



Herman Gray

doesn't mean we've achieved our goals of justice and equality."

In *Cultural Moves*, Gray examines the impact of culture on political change and explores how black popular culture has shaped the nation.

Tennis Slugs triumph in front of home crowd

FOR THE FIFTH TIME in school history, UCSC's men's tennis team captured a national championship. But this time, the feat was accomplished on the team's home courts as the host school thrilled hundreds of very enthusiastic Slug supporters in May with a 4-1 victory over top-ranked Middlebury College of Vermont.

The tournament also marked the first time in NCAA Division III history that a player on one team captured the team, singles, and doubles titles in the same year. In the singles competition, UCSC's Matt Seeberger repeated as national champ; he also teamed with Matt Brunner to capture the doubles title, winning a thrilling third-set tiebreaker.

Dickens Project celebrates 25th year

FOUNDED IN 1981 to stimulate collaborative research on the writings, cultural impact, and life of novelist Charles Dickens, as well as the Victorian age in general, the Dickens Project celebrated its 25th year this summer with its annual Dickens Universe.

The weeklong event each year brings together college faculty, graduate students, high school teachers, undergraduates, Elderhostel participants, and members of the general public to study one particular Dickens novel. This summer's event focused on the novel *Little Dorrit*.

A scholarly consortium headquartered at UCSC, the Dickens Project consists of faculty and graduate students from UC's general campuses, as well as from 16 other major American and international universities.

UCSC, NYU join in virtual dance and theater collaboration

LUBRICIOUS TRANSFER, an ambitious dance experiment in live, transcontinental collaboration using the Internet—was broadcast simultaneously this spring to audiences at UCSC's Experimental Theater and New York University's Frederick Loewe Theater.

Two performances in April were the culmination of a distance arts project undertaken by an interdisciplinary mix of students, staff, and faculty at both universities. The result was an interactive, real-time performance where UCSC dancers performed in front of three "liquid screens," upon which live images of the New York University dancers were simultaneously projected.

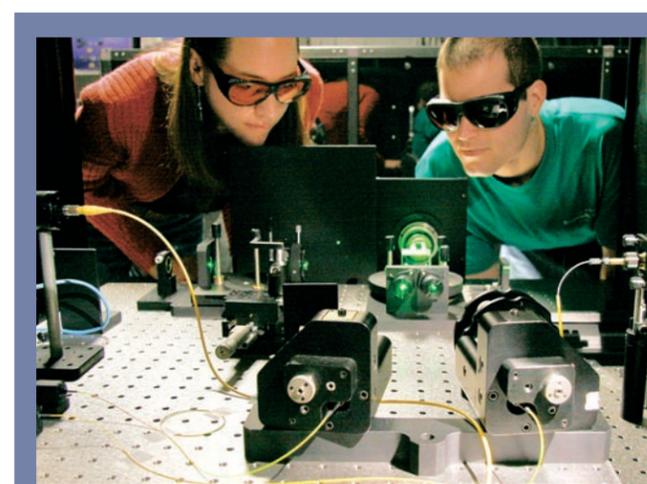


Students, staff, and faculty at both universities worked together on the project.

The project was conceived of by UCSC assistant professor of theater arts Ted Warburton and carried out in his movement research class. UCSC's staff provided the expertise and instruction, enabling students to run all of the technical aspects of the performances.

"I believe this is the first course in the U.S. to offer

students both the opportunity to perform and to acquire the technical knowledge necessary to produce this type of event," noted Warburton. "We had performers on opposite sides of the country working together—interconnected and interdependent—using advanced telecommunications for artistic collaborative purposes."



Scientists in UCSC's Laboratory for Adaptive Optics are developing extraordinarily precise optical systems that will enable astronomers to capture images of planets far beyond our solar system and to build the next generation of giant telescopes. This past spring, campus officials and visitors dedicated new facilities for the laboratory and celebrated its achievements. Above: Graduate students Katie Morzinski and Stephen Mark Ammons, working in the laboratory.

UC Santa Cruz to lead ambitious project on wireless networks

UCS C RESEARCHERS are leading a major collaborative effort to develop the technology for complex wireless communications networks that can be set up in rapidly changing environments such as battlefields and emergency situations.

Faculty in UCSC's Baskin School of Engineering will head a multidisciplinary team of scientists at seven major universi-

J. J. Garcia-Luna-Aceves



ties working on the Dynamic Ad-hoc Wireless Networks (DAWN) project.

The project also includes researchers at UC Berkeley, UCLA, Stanford University, Massachusetts Institute of Technology, the University of Maryland, and the University of Illinois at Urbana-Champaign.

It is funded by a five-year grant from the U.S. Department of Defense that will provide an average of \$1 million per year spread among the institutions.

J. J. Garcia-Luna-Aceves, Jack Baskin Professor of Computer Engineering at UCSC and the project's principal investigator, said the methods and protocols developed for this project will have widespread applications. The research is of interest to the U.S. Army to enable troops to deploy mobile communications networks on the battlefield. But such networks could also be used by emergency personnel in the aftermath of an earthquake or other disaster in which pre-existing communications infrastructure has been knocked out.

Ecologist receives Mellon grant

ERIKA ZAVALETA, an assistant professor of environmental studies at UCSC, has received a prestigious grant from the Andrew W. Mellon Foundation to investigate the ecological impacts of the loss of plant species in California ecosystems.

Through a program that supports the research projects of outstanding junior faculty, Zavaleta has been awarded a three-year, \$200,000 grant. A maximum of only three such awards are presented each year.

Biologist earns prestigious Searle grant

THE SEARLE SCHOLARS Program has awarded Melissa Jurica, assistant professor of molecular, cell, and developmental biology, a three-year, \$240,000 grant to support her research. Jurica, who studies the complex system by which human cells process genetic information, is one of just 15 young scientists awarded the prestigious grant this year.

The program makes grants to selected universities and research centers to support the research of exceptional young faculty in the biomedical sciences.

Melissa Jurica



In Memoriam



Jane Wilhelms

Jane Wilhelms, professor of computer science and an expert in computer graphics and animation, died of cancer in March in Santa Cruz. She was 56.

Wilhelms began her career as a biologist, teaching anatomy and physiology for many years at junior colleges before returning to school in computer science. Much of her work in computer graphics, including techniques for animal modeling and animation, drew on her background in biology.

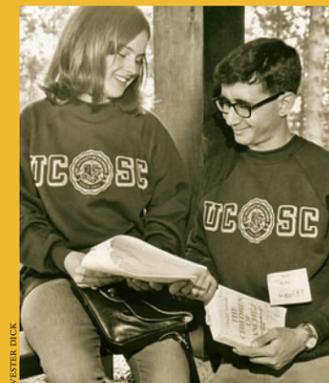
Wilhelms joined the UCSC faculty in 1985, immediately after completing her M.S. and Ph.D. in computer science at UC Berkeley. She earned her B.A. in zoology at the University of Wisconsin-Madison, and an M.A. in biology at Stanford University. Her experience in computer graphics and animation included working as a consultant programmer at Lucasfilm—where the *Star Wars* movies were produced—while she was a graduate student at UC Berkeley.

40

Years of Excellence

IN THE FALL OF 1965, UC Santa Cruz opened its doors to 652 students who were eager to learn and committed to serve. As the following five profiles illustrate, the passion of today's students remains true to the spirit of that founding class.

At right (l-r): students Reza Shabani, Christina Morales, Elise Youssef, Erin Kraal, and Eduardo Hernandez. Below: UCSC students, c. 1965.



*Like their predecessors,
today's students
are preparing to
make a big difference
in the world*



Committed to community

Christina Morales
Ph.D. candidate, History

CHRISTINA MORALES holds the distinction of being the first person in her immediate and extended family to attend a four-year college.

She also happens to be the second Latina graduate student in the History Department at UCSC to be honored with a \$69,000 Ford Foundation Predoctoral Fellowship for Minorities. The award is given each year to only 60 students across the country who have “demonstrated superior scholarship and show the greatest promise for future achievement as scholars, researchers, and teachers in institutions of higher learning.”

Growing up in a low-income neighborhood in Gilroy, California, Morales was actively involved during her high school years in MECHA, the community-oriented student organization promoting education on issues involving Mexican Americans. As an undergraduate at Santa Clara University, she spent time volunteering at local

public elementary and high schools, tutoring and helping ESL students. She also directed the campus’s multicultural center, working with student groups to promote diversity education and recruit students and faculty of color.

After graduating with a B.A. in history, Morales spent a year working for Mujeres Pueden, a welfare-to-work program in San Jose, where she served as case manager for Mexican American single mothers on public assistance, helping them to become employed and self-sufficient. She also applied to three doctoral programs in history, ultimately choosing to come to UCSC.

“I had heard good things about Latino and Latina scholars here,” Morales recalls. “UCSC was also the only place where the faculty called me and students e-mailed me prior to my acceptance—it seemed really inviting. They expressed interest in what my research interests were, and I felt like it was going to be a good fit.”

Morales has completed her master’s thesis on the forced sterilization of Chicanas that took place at various medical centers in California during the 1970s. Her dissertation project examines the repatriation movement to expel the Mexican community from



JIM MCKENZIE

the United States during the Depression.

Although her ultimate aspiration is to become a university professor, Morales definitely plans to continue working in the community, well aware of how much her volunteer and work experience has come to shape her research interests.

“I’m really interested in

issues of education—one of my goals is to be involved in university policy and serve on school boards,” Morales said. “I would also like to be able to mentor students in the future,” she adds, “because I had such a positive experience with professors who mentored me.”

—SCOTT RAPPAPORT

Acting, naturally

Elise Youssef

Senior, Theater Arts

DURING SPRING QUARTER, Elise Youssef was out the door by 6 A.M. on weekdays to perform the lead role in the traveling Shakespeare To Go production of *The Winter's Tale*. The 50-minute play by Shakespeare Santa Cruz was performed 48 times in two months for Central Coast schoolchildren.

Once the day's Shakespeare performance ended, it was back to campus for classes and 5 to 11 P.M. rehearsals for the theater arts production of *Merrily We Roll Along*, a Stephen Sondheim musical.

At one point, Youssef performed both plays just hours apart.

"I love every minute of it," she says of her hectic pace.

Acting seems as natural as breathing for Youssef, who has been performing since the age of 8. "I enjoy being with an audience. It's like a conversation," she says. "I can't really imagine doing anything else."

Looking at her stage credits, it's hard to see how she has

had time to do anything else.

Almost from the time she set foot on campus, Youssef has been landing roles normally reserved for more experienced actors. She snagged a part in Shakespeare Santa Cruz's *Gretel & Hansel* her first quarter, and hasn't slowed down since.

There was the student-directed family drama *Tales of the Lost Formicans*, and a production of *The Trojan Women* at the off-campus community venue, The Attic. A Shakespeare Santa Cruz internship offered more opportunities,

including roles in two shows and creation of the Intern Showcase—a sellout.

Lighter roles are her favorites. "In high school, I loved playing the ingenues, but as I've gotten older I've found the most fulfilling roles are the comedic ones." One of her favorite courses last year was *Clowning Studio*, taught by assistant professor of drama and dance Patty Gallagher.

Youssef's most recent comedic turn, as Maggie in Shakespeare Santa Cruz's *Engaged* this summer, was another coup. "That was a really big honor," Youssef

says, noting that she won the role over Equity actors and that Shakespeare Santa Cruz artistic director Paul Whitworth "goes all over the world" to audition actors.

Youssef, just beginning her senior year, is sure to pursue even more choice roles. "It's my last year, so I hope to go out with a bang."

And after that? Youssef considers her time at UCSC invaluable preparation for an acting career, and has her next step all planned. "I'll definitely move to New York and tough it out."

—LOUISE GILMORE DONAHUE



JIM MACKENZIE

Economics sleuth

Reza Shabani

Dual-degree program leading to a B.A. in Economics and an M.S. in Applied Economics and Finance

REZA SHABANI considers himself lucky. Many of his childhood friends joined the military, while each day brings Shabani closer to his goal of earning a doctorate in economics.

Shabani was always good at math, and he discovered economics during his sophomore year. He promptly enrolled in the department's rigorous "Pathway" program to earn a B.A. and a master's degree in five years.

"The world revolves around economics—money and resources," he said. "It's a good foundation for anything I want to do in the public policy arena."

Shabani's concern about his friends in the military inspired an ambitious study of the health of Vietnam veterans. Shabani is using draft records to compare the fates of draftees to those who were not called up—a methodology worthy of a dissertation, says Shabani's faculty adviser, Assistant Professor Carlos Dobkin (B.A., economics, UCSC).

The team's preliminary findings have surprised Shabani: They indicate that vets have experienced lower rates of suicide and death in motor vehicle accidents than previous studies showed.

"One thing I've really learned in economics is you have to be honest in how you approach and interpret your results," said Shabani. "When you're after the truth, you have to put aside your own ideological agenda."

Integrity is evident in Shabani's extracurricular activities, too. Each spring, he participates in student-led outreach programs that encourage students of color to enroll at UCSC, and he founded a campus chapter of the nonprofit Project Namuwongo Zone, which fights poverty and AIDS in Uganda.

"Coming to Santa Cruz has changed me so much," says Shabani, who grew up in Richmond. Recalling his Crown College core course, he describes feeling like he'd "solved the state's water

crisis" after receiving positive feedback on a paper he wrote about water in California. "I got a glimpse of how I could affect the world. That moment made me realize what an opportunity I had here to better myself."

Since then, Shabani has won research awards, a fellowship to attend a summer public-policy institute at the University of Michigan, a dean's award, and two awards

for outstanding achievement in economics.

"I'm busy all the time. It's crazy," he says. "But I want to be successful. I have friends in Richmond and Oakland, and they're living in the richest country in the world facing the problems of impoverishment. No one can save every person, but you have to help out. You have to do your duty."

—JENNIFER McNULTY



JIM MACKENZIE

Mars explorer

Erin Kraal

Ph.D. candidate, Earth Sciences

ERIN KRAAL got hooked on Mars in high school, when she wrote a term paper on the red planet. Now a Ph.D. candidate in Earth sciences at UCSC, she studies Martian landforms for clues to the planet's history, looking for evidence that water once flowed across its now dry and barren surface.

"Mars is an amazing planet because it has so many mysteries and hints that it was once very different from what we see today," Kraal says. "One of the big questions about Mars is how its climate has changed over time, which has implications for the possibility of life there."

Many features of the planet—channels, basins, alluvial fans—suggest that water once flowed on the surface. The quandary, she says, is that surface water cannot exist there under current conditions.

Poring over the vast databases of images gathered by various NASA spacecraft, such as the *Mars Global Surveyor*, Kraal is mapping the distribution of features

on the planet that appear to be alluvial fans—fan-shaped deposits of sediments left when water flows out of a canyon into an open valley. She is also using experiments and computer simulations to investigate the physical processes that might have formed certain features.

Take shorelines, for example. An eroded shoreline implies open water with waves lapping at the edges. But Kraal has found that it would have been difficult for waves to take shape on Mars because of the low atmospheric pressure. These findings come from experiments conducted inside the Mars Surface Wind Tunnel at NASA Ames Research Center, the only wind tunnel where the pressure can be lowered to simulate the surface of Mars.

With funding from a NASA Graduate Student Research Fellowship, Kraal does much of her work at NASA Ames in Moffett Field. Her thesis adviser, associate professor of Earth sciences Erik Asphaug, helped her make connections



JIM MACKENZIE

with collaborators at NASA Ames and other institutions.

"It was really her persistence year after year that created the Mars geomorphology program on this campus," says Asphaug, whose own research has focused mostly on asteroids and planetary collisions. "I had contemplated studying Mars as a graduate student myself, but I ended up getting into other things. Now I'm really enjoying this new track."

Before she began her Mars research, Kraal earned a master's degree at UCSC, studying Alaskan glaciers with Robert Anderson, then a professor of Earth sciences at UCSC.

"I felt it was important to really understand Earth's geomorphology before I tried to study a distant world," Kraal says. "Now I apply those same skills to analyze the geomorphology of Mars."

—TIM STEPHENS

From cotton to computers

Eduardo Hernandez

Sophomore, Computer Engineering

SURROUNDED BY COTTON for as far as his eyes could see, 14-year-old Eduardo Hernandez would have been hard-pressed to imagine the redwoods of UCSC in his future. "It was one of the toughest jobs I'd never want anyone to experience," the computer engineering sophomore recalls of his days working the Central Valley cotton fields.

He left fieldwork behind as soon as he could, but work always went hand-in-hand with high school, as he balanced jobs as a butcher and a computer lab assistant on his way to becoming class valedictorian.

"It really pushed my limits—seeing how much I could do," he says of his hectic high school years. "I learned the value of money and the value of hard work."

Hernandez says he's always had a mechanical bent, but his interest in computers—and especially circuits—was sparked by an older cousin in



JIM MACKENZIE

the high-tech field. Not only did that cousin bring the family into the computer age with the gift of a hand-me-down system, he taught Hernandez how to build his own computer, piece by piece.

Hernandez has found his niche at UCSC, continuing to get high grades and studying with a group of like-minded students of varying backgrounds: "We all have the same drive to succeed; we're all supportive of each other," he said. Hernandez plans to major either in computer engineering or information systems management.

Elected vice president of

the Society of Hispanic Professional Engineers on campus, Hernandez has received two scholarships to defray college costs and is a resident adviser. He is active in the Multicultural Engineering Program and the statewide Mathematics, Engineering, Science Achievement program, and is a School of Engineering mentor for freshmen.

Hernandez also reaches out as a UC Ambassador. He explains to school groups how—until moving to Fresno his junior year—he was surrounded by classmates with no plans for life after high school. "It was

almost like being smart was a crime," Hernandez remembers. "You were persecuted for it."

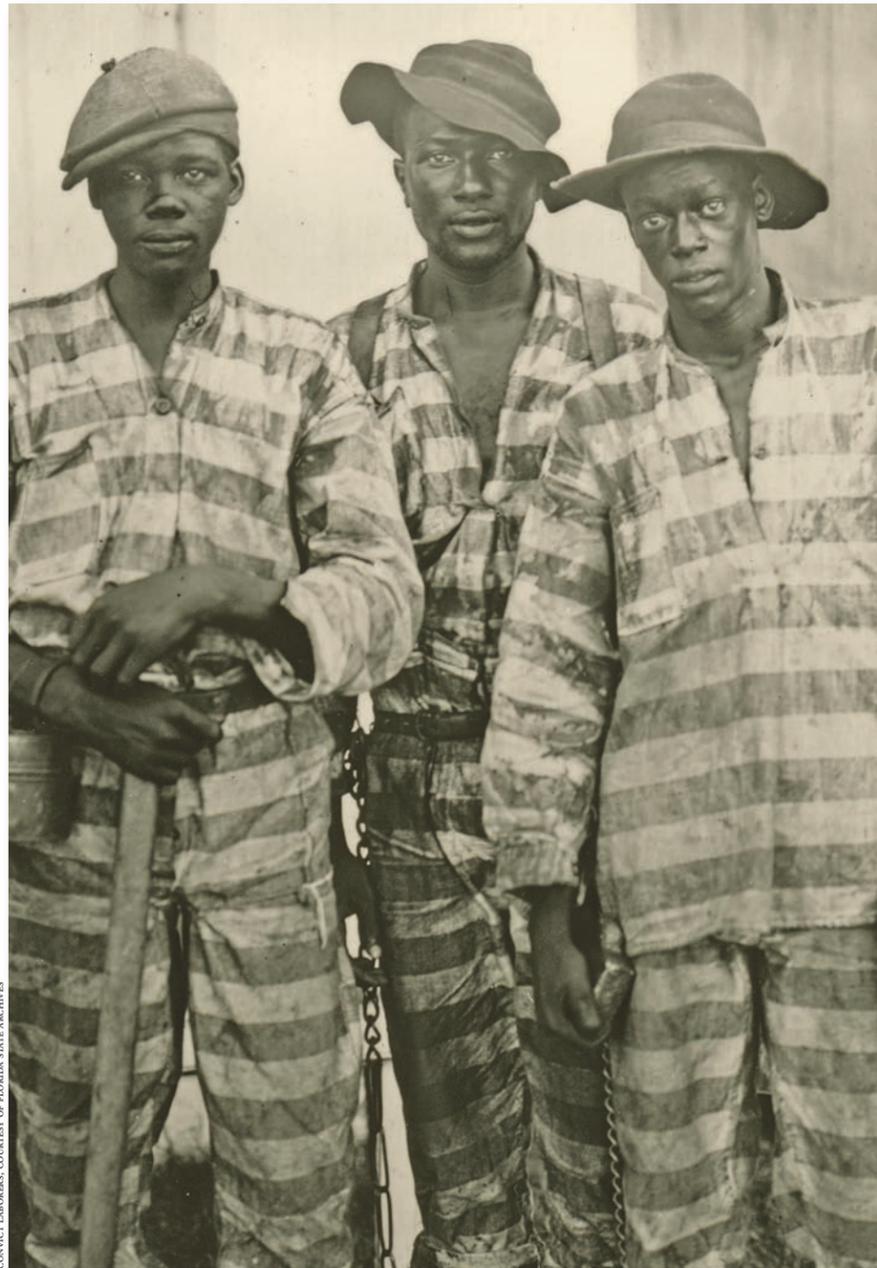
Hernandez, who moved to the United States from Mexico at the age of 5, is grateful his family has always been supportive. His four older siblings are either in college or have graduated.

"I know there are a lot of students like I was who want to do something with their lives but don't quite know how to go about it. I think it really makes a difference when you tell them your own story."

—LOUISE GILMORE DONAHUE

Lost History

UCSC historian uncovers first statewide struggle for civil rights



CONVICT LABORERS, COURTESY OF FLORIDA STATE ARCHIVES

With one of the highest incarceration rates of prisoners and juveniles in the Deep South, Florida profited from convict labor. The state administered one of the most notorious penal systems in the world.

By **Jennifer McNulty**

Long before the election debacle of 2000, Florida was the scene of ugly racial politics. Indeed, African Americans in Florida have fought for the right to vote since the days of Reconstruction, when the “Sunshine State” had the highest lynching rate in the country.

In his new book, *Emancipation Betrayed*, UCSC historian Paul Ortiz tells the story of black resistance to white supremacy in Florida and documents the organizing and activism he believes set the stage for the civil rights movement of the 1960s.

“Decades before the Montgomery bus boycott, African Americans in Jacksonville, Florida, organized streetcar boycotts that forced the city to abandon efforts to segregate the system,” says Ortiz, an associate professor of community studies. “That little-known act of rebellion is part of a pattern of resistance I discovered through talking with the elders of the black community. Handed down within black families, their stories describe what really became the first statewide civil rights movement in U.S. history.”

Emancipation Betrayed: The Hidden History of Black Organizing and White Violence in Florida from Reconstruction to the Bloody Election of 1920 focuses on the African American struggle for voting rights. The book documents networks of secret societies, fraternal organiza-

tions, labor unions, and churches that black Floridians relied on to organize and sustain themselves during an era of overt state-sanctioned violence against African Americans. “It’s really about what happens when people are faced with political terrorism—how they challenge that and find the courage and self-confidence needed to put together a social movement,” says Ortiz.

Through oral histories and subsequent archival research, Ortiz documents the courageous actions of African Americans who fought for their rights, often at enormous risk to themselves and their families. Sam Dixie, an octogenarian, shared his childhood memories of a shootout in his hometown of Quincy between blacks and the Ku Klux Klan. Members of the Colored Knights of Pythias, a black fraternal organization, had taken a secret oath to pay their poll taxes and register to vote. After learning of the pledge, armed posses of the Klan surrounded the lodge during a meeting of the Knights, and a major gun battle ensued; the lodge was burned to the ground, and several knights were killed during the shootout.

That memory was the catalyst that “completely changed my understanding of American history and social change,” Ortiz writes in the preface to *Emancipation Betrayed*. “We are not taught to see African Americans as protagonists fighting for their own rights, but that’s exactly what these people did.”

Ortiz went “back and back in time,” picking up threads of black resistance to racial oppression. He heard black Floridians speak with admiration of the activism of their parents and grandparents, and he documented boycotts organized in the early 1900s by black residents of Jacksonville to oppose the segregation of the city’s streetcars. (The system was ultimately segregated, however, with the intervention of the state legislature.)

The Colored Knights of Pythias,

which at one point claimed one in six African American men in Florida as members, was a vital avenue for organizing. After World War I, a resolution required members to register to vote before the 1920 election or face expulsion. Churches and other organizations promptly followed suit. Years of organizing culminated with the 1920 presidential election.



JIM MACKENZIE

With roots in the days of slavery, black Floridians’ courageous struggle for emancipation established the grounds for our modern expectation that all adults in the United States have the right to vote. —Paul Ortiz

With African Americans united and poised to use the ballot to challenge the status quo, white Floridians sought to sabotage the election by intimidating black voters with threats of arrest at the voting booth and purging hundreds of African American names from voter-registration lists. As Election Day neared,

the state sanctioned white supremacists and the Ku Klux Klan to use violence to prevent blacks from voting.

The election on November 2, 1920, was ultimately the bloodiest presidential contest of the 20th century. Heavily armed white men patrolled polling places and deputies stood menacingly at the polls, suppressing black voter turnout across the state. But the violence was worst in Orange County in central Florida, where white mobs converged on the black community of northern Ocoee and paraded through the streets. Gunfights broke out and house-to-house fighting persisted through the night as hundreds of armed whites poured into the town. Homes were torched and scores were wounded as hundreds of African Americans fled into the night. Although many perished, the total number of victims will never be known because some human remains were carried away as souvenirs by members of the mob. The National Association for the Advancement of Colored People (NAACP) cautiously estimated that 30 to 60 African Americans were killed across the state that day.

The violence shocked the country, and African Americans expected the nation to intervene. Despite vast evidence of discrimination against black voters that was presented during a congressional investigation, the election results were certified. With that act, the U.S. Congress dealt a deathblow to an era of vital African American activism.

Despite the tragic outcome, the legacy of early black activism in Florida is a powerful one, says Ortiz. “With roots in the days of slavery, black Floridians’ courageous struggle for emancipation established the grounds for our modern expectation that all adults in the United States have the right to vote,” he says. “This is a brutal part of our history, but we are the beneficiaries of their struggle and sacrifice.”

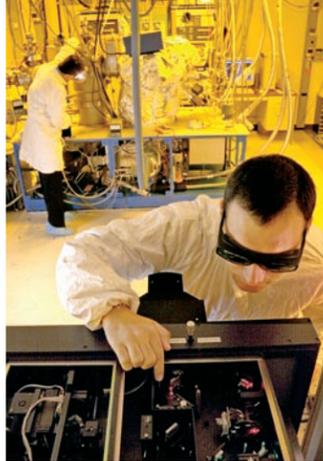
Hot

Here's something to ponder the next time you fill up your gas tank: Two-thirds of the energy produced from burning that fuel in your car's engine will be wasted as heat, while only one-third will actually be used to get you where you want to go.

Ali Shakouri wants to change that. An associate professor of electrical engineering at UCSC, Shakouri leads the Thermionic Energy Conversion (TEC) Center, a collaborative project involving researchers at seven major universities working to develop new technology for direct conversion of heat to electricity.

To achieve this, the TEC Center is taking a new approach to an old concept. "Thermoelectric" materials, in which temperature differences can produce an electric voltage, were first described in 1821 by physicist Thomas Johann Seebeck. By the 1830s, physicists knew that the effect also works in reverse: An electric current can be used to pump heat from one side of a thermoelectric material to the other.

In theory, this thermoelectric effect could be used to generate power from all kinds of heat sources, including waste heat from cars and factories, and to build



Graduate student Javad Shabani adjusts a Raman spectroscopy machine in Ali Shakouri's lab.

compact refrigerators with no moving parts. Unfortunately, developing practical thermoelectric devices has proven to be a daunting challenge.

"Until recently, the efficiency was so low it was not economical to build thermoelectric refrigerators or power generators for use on a large scale," Shakouri says.

With advances in nanotechnology, however, engineers may finally be able to develop efficient thermoelectric materials for a variety of practical applications. That's because at "nanoscale" dimensions, where distances are measured in nanometers (billionths of a meter), weird quantum effects begin to govern the properties of materials. As a result, Shakouri says, engineers can use techniques such as molecular beam epitaxy—which deposits layers of material a few atoms thick—to manipulate features such as electron transport and heat transport in ways never before possible.

Shakouri's work in this field began with a project to help solve the problem of overheating in computer chips. He and his collaborators developed tiny thermoelectric refrigerators that can

Tech

By **Tim Stephens**

be deposited onto potential hot spots on computer chips. This application did not require high efficiency, but Shakouri thought the approach he used to build a successful chip cooler could also lead to the development of thermoelectric materials efficient enough to be practical for power generation.

When the Office of Naval Research (ONR) issued a call for proposals to develop technology for direct conversion of heat to electricity, Shakouri jumped at the opportunity. He brought together a team of researchers from around the country with expertise in different fields, and their proposal for the TEC Center won a \$6 million grant from ONR in 2003. With UCSC as the lead institution, the center also includes researchers from UC Berkeley, UC Santa Barbara, Harvard University, Massachusetts Institute

Shakouri and research assistant Rajeev Singh with the molecular beam epitaxy machine used to create nanostructured materials.



Ali Shakouri and graduate student Xi Wang in one of the TEC Center labs, where researchers use sophisticated equipment to evaluate materials that convert heat to electricity

of Technology, Purdue University, and North Carolina State University.

"It is a very multidisciplinary team, with experts in mechanical engineering, electrical engineering, materials science, and physics," Shakouri says.

The U.S. Navy is interested in using thermoelectric technology to build quiet all-electric ships. But the possibilities for applying this technology are almost endless. Thermoelectric materials could be used to increase the efficiency of everything from cars to pow-

Electrical engineering professor Ali Shakouri has brought together a multidisciplinary team of researchers to develop new technology for direct conversion of heat to electricity.

ing in high electrical conductivity with a high Seebeck coefficient and low thermal conductivity.

The energy filtering is based on "thermionic emission" (from which the TEC Center gets its name). Thermionic emission also operates in vacuum tubes (such as the cathode ray tubes used in televisions and computer monitors), in which hot electrons are emitted from a heated filament.

"We knew that the same principle could be used for power generation," Shakouri says. "Our idea was to combine this conventional vacuum thermionics with semiconductors and do the energy filtering inside a semiconductor material."

The center also has a team doing complementary research to improve vacuum thermionic emitters for power generation. "It helps to combine various approaches and look at the problem from different perspectives," Shakouri says.

The results from the first two and a half years of this five-year project have been promising, he says. "We now understand the physics much better and are able to engineer the material properties in the way we anticipated, so I think we are going in the right direction."

In addition to Shakouri, the UCSC group includes Holger Schmidt, assistant



Graduate student Yan Zhang with a cryostat used to test thermoelectric materials over a range of temperatures, from near absolute zero to over 1,000 degrees Fahrenheit

professor of electrical engineering, and about a half-dozen graduate students, undergraduates, and post-doctoral researchers.

Shakouri is also looking to expand his research into other areas of renewable-energy technology. He and other UCSC faculty in engineering, physics, and chemistry have started a discussion group that meets every other week to discuss how recent advances in nanomaterials might be used to address problems in renewable energy, such as the design of photovoltaic cells for solar energy. Shakouri also plans to offer a new undergraduate course on renewable-energy technologies this year.

"There has been very little fundamental research in this area," he says. "But the ways we generate power now are not very environmentally friendly, so we really need to find better ways to do this."

MEMORIES of

WAR

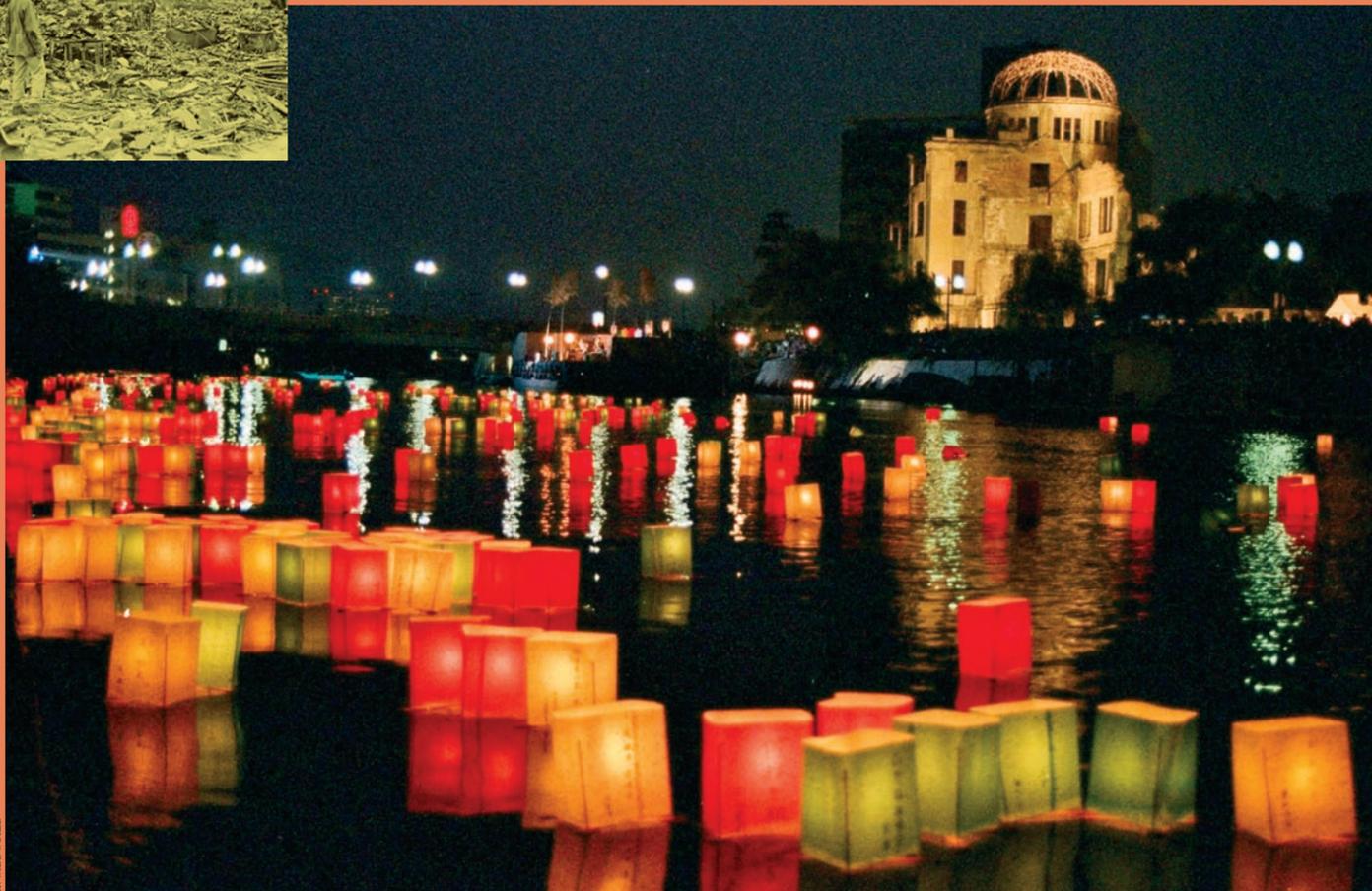
By **Scott Rappaport**



AP/WIDE WORLD



AP/WIDE WORLD



AP/WIDE WORLD

Top: Hiroshima, after the first atomic bomb was dropped. Above: the Atomic Bomb Dome, one of the few buildings that survived the blast, now part of the Hiroshima Peace Memorial Park. Facing page, top: the A-bombing of Nagasaki.

IN 1993, the Smithsonian's National Air and Space Museum prepared to launch an exhibit commemorating the 50th anniversary of the atomic bombing of Hiroshima. When the plans for the exhibit became public, a fierce controversy arose over the exhibit's perceived sympathetic portrayal of the Japanese people. Veterans groups staged protests, and media coverage was extensive. Congress passed a Senate resolution condemning the exhibit. Eventually, the museum's director was forced to resign, and the exhibit was canceled.

The impassioned response prompted UC Santa Cruz history professor Alice Yang Murray to consider how memories of World War II vary

A UCSC class explores how history can change with time

from country to country, and how much they have changed in the U.S. and Japan since that earth-shattering war ended more than a half century ago. She approached faculty colleague Alan Christy, a specialist in the history of Japan, about helping her create a new course that would explore how the war's history is perceived in both countries—and how that chapter in world history has been shaped and rewritten over time.

"We wanted to challenge students' notions that there is just one single memory of the war," says Yang Murray, author of a book in 2000 about Japanese American internment. "We thought it was important to explore how people in the two countries had very different wartime experiences and very different memories of the causes and consequences of the war."

After extensive planning, the course—*Memories of World War II in the U.S. and Japan*—debuted in the fall of 1999 with 80 students. But as enrollment grew to more than 200 students by 2004, the two history professors decided to redesign the class, incorporating innovative technology to enliven the classroom experience. Collaborating with Assistant Professor Warren Sack—recently hired to help

lead UCSC's graduate program in digital arts and new media—Yang Murray and Christy began to work with students to develop DVD and web virtual tours of the many Pacific memorial sites that are an essential focus of the class.

The instructors also formed partnerships with colleagues at universities in Japan, as well as in Australia, New Zealand, Korea, and the Philippines, and plan to teach the class simultaneously in Santa Cruz and Tokyo in the spring of 2006. The ultimate goal is to make the course—now titled *Comparative Memories of World War II in the Pacific*—more vivid and relevant for today's students.

"We imagine professors at many different sites around the world teaching from a relatively similar syllabus with everyone communicating electronically," Christy explains. "And the thread binding the classes in all these locations is the students themselves. They will collaborate and produce group research projects—such as designing a new war memorial or a virtual museum exhibit, or providing translations of historical source documents—with input from students in all of the countries."

Christy adds that the course's international connec-

tions not only enable students to conduct more intensive real-world research, but also teach them how to collaborate effectively across the globe. "At the same time, they learn to create history themselves by interviewing the rapidly declining number of atomic bomb survivors," he says.

The instructors can even envision an exchange program where a student who has taken the class might work as a course facilitator in another country. "A UCSC student could end up in Okinawa or Sydney and get out in the field in combination with a research project—that's a pretty exciting prospect," notes Christy.

The course's new direction has already produced some impressive results. Undergraduate Kaley Clements was so inspired that he started his own independent project—applying the same multicultural approach he had learned in class to another 20th-century war. Traveling to Vietnam, he shot footage at historical memorial sites such as the

renowned Cu Chi Tunnels, where thousands of Vietnamese once lived underground in order to fight American soldiers. Clements has since presented his work as a guest instructor in a UCSC class on the history of the Vietnam War—often called the "American War" in Southeast Asia.

The course also struck a particularly resonant chord with students after 9/11 when the memory of Pearl Harbor was invoked as a symbol of the attacks on the Twin Towers, and images of the flag-raising soldiers at Iwo Jima were constantly linked to the firefighters at Ground Zero. The use of such imagery is a prime example of why the professors were originally motivated to create the class.

"It's not so much a course about World War II, but rather how the war has come to be viewed in the years and decades that followed," says Yang Murray. "It's about why history often gets interpreted the way it does."

Course instructors Alice Yang Murray and Alan Christy



JIM MACREYNOLTE

COURTESY ALICE YANG MURRAY

“That, really, was why I wanted to go to Iran. To see whether the ties that bound me were real, or flimsy threads of inherited nostalgia.”

—from *Lipstick Jihad*

Torn between two cultures

by Jennifer McNulty

Azadeh Moaveni

B.A. *Politics*, 1998
Oakes College

GROWING UP in San Jose, Azadeh Moaveni lived what felt like a double life. As the daughter of Iranian exiles, Moaveni served tea to her elders, listened as they spoke of the “year of the great catastrophe” when the Shah was ousted in 1979, and savored the flavors of Persia: fluffy rice with cinnamon, raisins drizzled with saffron, and pomegranates and sour cherry juice.

But Moaveni, like all Iranian Americans, lived in the shadow of the 1979 hostage crisis. She tried for years to avoid any mention of her background. She recalls cringing on the first day of school each year, waiting for the teacher to mispronounce her name. Trying to blend in, she listened to Madonna, practiced yoga, and flirted with boyfriends.

It was, Moaveni writes in her new memoir about growing up between two cultures, a burden to be Iranian in America. And so she left, beginning an odyssey of per-

sonal and political awakening in the Middle East that launched her career as a journalist and became the heart of her first book, *Lipstick Jihad: A Memoir of Growing Up Iranian in America and American in Iran*.

At 28, Moaveni has already achieved a level of success most twentysomethings only dream of. She covered the war in Iraq for the *Los Angeles Times*, just finished collaborating with Iranian human rights activist and 2003 Nobel Peace Prize winner Shirin Ebadi on her memoir, and now covers Middle Eastern affairs for *Time* magazine.

Moaveni credits UCSC professors Edmund “Terry” Burke of history and Isebill “Ronnie” Gruhn of politics with preparing her to ask the right questions, and writing instructor Conn Hallinan, her adviser at *City on a Hill*, with

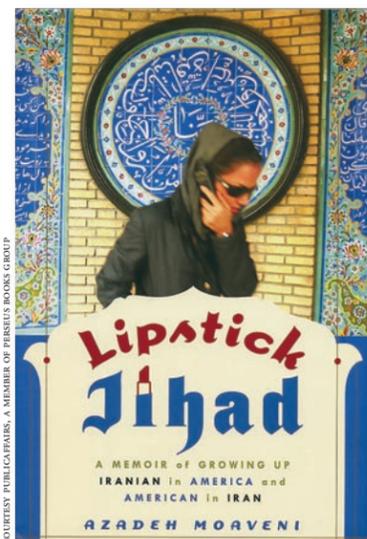
inspiring her to practice “engaged journalism.” It was David Dodson, her Oakes College core course instructor, she says, who “taught me how to reflect on personal identity fruitfully.”

“I wanted to go to a UC that was like a private school,” she says. “I wanted to go somewhere smaller that paid a lot of attention to students, and that’s exactly the experience I had.”

After graduating with a B.A. in politics in 1998, Moaveni won a Fulbright to study in Cairo. It was, she realizes now, a rest stop that allowed her to work up her courage to make the leap to Iran.

When the first headlines about student unrest

in Tehran appeared in 1999, Moaveni felt a powerful urge to bear witness. Ignoring the warnings of family and friends, she moved to Tehran and found her-



COURTESY PUBLISHERS, A MEMBER OF PERSEUS BOOKS GROUP

self perfectly situated to report on Iranian life for an American audience. For the first time, her background and her ability to speak Farsi were assets. She began reporting for *Time*, gaining access to top government officials as well as the educated young people whose yearnings were convulsing the nation.

In *Lipstick Jihad*, Moaveni describes the appearance of independent newspapers for the first time since Islamic fundamentalists took over the country 20 years earlier. Student activists began demanding greater civil liberties. Women appeared in public wearing colorful veils, and their delicate sandals exposed pedicured toes. In Tehran, lovers strolled arm in arm, and crowds of young people refashioned religious holidays into occasions to party in the streets.

Moaveni likens this “cultural rebellion” to a silent coup, saying government reformers’ inability to turn around rampant corruption, economic suffering, and lawlessness led to “society evolving from the bottom up.” It was a heady time, and Moaveni uses a light touch to convey the undulations that marked Iran during

her tenure. Her prose is almost impressionistic, weaving reportage, anecdote, and analysis into a silken textile.

The book has been well-received by critics and readers, including young Iranian Americans who, like Moaveni, were raised in the United States and feel cut off from Iran. With its descriptions of the “youth rebellion from below,” *Lipstick Jihad* fills a void experienced by the children of exiles. “They find it encouraging, heartening, because it gives them something to relate to,” says Moaveni.

The end of Moaveni’s sojourn in Iran coincided with a government crackdown. Her reporting activities were coming under greater scrutiny, and she began to fear for her personal safety. She left the country abruptly after riot police clubbed her during a post-soccer-match street celebration.

It was the summer of 2001, and Moaveni returned to the United States—before September 11, before the war on terrorism, before President Bush declared Iran part of the “Axis of Evil.”

“After 9/11, terrorism became reattached to the entire Middle East, and distinctions among

Middle Easterners were lost,” says Moaveni, who covered the war in Iraq and wrote *Lipstick Jihad* before returning to *Time*. Based today in Beirut, she can’t imagine living outside the Middle East. “It’s where I want to be right now because of my work,” she says.

During a recent reporting trip to Iran, Moaveni detected more alienation and apathy in the country than she felt in 2001. “Young people who were active politically have turned off politics,” she says. At the same time, Iranians are enjoying greater social freedoms as the regime tries to keep discontent from spilling over into revolt. “Rock bands are even allowed to perform in cafés,” she adds.

Moaveni, who considers herself Iranian American, says growing up in the United States has never made her the target of hostility in the Middle East. “It’s like I’m in a hybrid category,” she explains. “I’m one of the lucky few Iranian Americans with the ability to go back and forth. It’s not about being aligned with the government or with the exile group in America. I’m one of a small but growing number of Iranians who exist somewhere in the middle.”

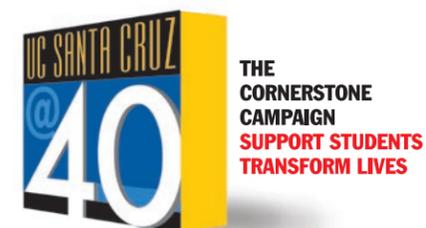
The UC Santa Cruz Cornerstone Campaign: Goal Surpassed, Students Benefit

First UCSC fundraising campaign a success

Thanks to many generous donors, the Cornerstone Campaign was a resounding success. A total of \$67.6 million was raised in two years, surpassing the goal by \$17.6 million.

“Our supporters have joined with us in taking UC Santa Cruz to the next level of achievement,” said Gordon Ringold (Crown ’72), chair of the Cornerstone Campaign Council. “The tremendous success of this campaign is thanks to the demonstrated commitment and support of our faculty and staff and the greater UC Santa Cruz community of alumni, parents, and friends.”

The campaign benefited virtually every area of campus, including more than \$5.2 million raised for undergraduate and graduate student support, a focused effort within the campaign. Gifts small and large contributed to the campaign’s success, and as these pages show, every gift has a story.



For graduate student Petra Dekens (Crown ’98), the keys to the future lie in the past. Dekens is a paleoceanographer researching long-term climate changes in coastal systems during past periods of global warmth. “If you can understand what happened in the past, you’re much more likely to be able to understand how climates will respond in the future,” said Dekens, who is completing her Ph.D. in ocean sciences and was recently awarded a fellowship from UC Santa Cruz’s Center for the Dynamics and Evolution of the Land-Sea Interface (CDELSI).

CDELSI fellowships are generously funded by an anonymous donor to foster interdisciplinary training and research that promotes greater understanding of interactions between physical, biogeochemical, and ecological changes and the human environment along Earth’s coasts. The fellowships cover tuition, health insurance, and a living stipend. “To have funding for my last year is really great,” said Dekens, “because I know I’ll be able to really focus on writing up the research I’ve done so far.”

For more on Petra Dekens, see giveto.ucsc.edu/profile-dekens.asp.

Stories from the campaign:

Alumnus creates fund with Asia focus

MARK HEADLEY (Stevenson ’83) and his firm, Matthews International Capital Management, have established the “Transforming Asia Fund,”



Mark Headley

which will provide sponsorship of an Asian economics conference, a distinguished-visitor lecture program, and undergraduate research awards. Headley credits UC Santa Cruz with giving him a good start in his career. “The work I was doing at UC Santa Cruz, comparing the economic development of countries, is exactly what I’m doing today,” he said.



“TOP” student caller Jennifer Dunn

Telephone Outreach Program sets record

Undergraduates staffing the TELEPHONE OUTREACH PROGRAM raised more than \$1.18 million, the highest total in the program’s history. “TOP”

callers contact UC Santa Cruz alumni, friends, and parents, raising funds to support a wide array of academic departments, programs, and other campus activities. Many TOP students have experienced the generosity of donors firsthand, receiving need- and merit-based scholarships to support their studies.

Planned gift benefits women in engineering

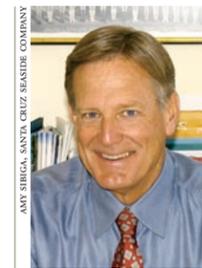


Skye Vendt-Pearce

A planned gift from BARBARA SNADER has endowed a \$1 million scholarship fund for undergraduate women in the Baskin School of Engineering. Established in memory of Snader’s daughter Amy (Merrill ’83), eight AMY BETH SNADER Memorial Scholarships were awarded in the last academic year. One went to SKYE VENDT-PEARCE (Cowell ’05), who used the funds to purchase a laptop during her senior year as an electrical engineering major.

Local company helps local students

The Santa Cruz Seaside Company has endowed a scholarship for students who gradu-



Charles Canfield

ated from a Santa Cruz County high school and Cabrillo College. Established with a \$50,000 gift, the award will provide an annual \$2,000 need-based scholarship, which will increase as the endowment grows. “I want to help ensure that future generations of local students are able to pursue their dreams through education,” said CHARLES CANFIELD, president of the Santa Cruz Seaside Company.



Alison Keeler Carrillo with a self-portrait by Eduardo Carrillo

Art scholarship grows

The legacy of UC Santa Cruz professor of art EDUARDO CARRILLO continues to inspire and support students, thanks to the generosity of his widow, ALISON KEELER CARRILLO, and other donors who have built a scholarship in his memory.

“The scholarship is a way for Ed’s vision and values to be carried forward,” said Alison, whose most recent gift increased the endowment to almost \$100,000. The Eduardo Carrillo Memorial Scholarship Fund helps art majors who achieve high academic merit in painting, drawing, or sculpture.



Sally and Michael Graydon

Couple endows new library fund

Future students will find enhanced support for their studies and learning in the University Library, thanks to SALLY and MICHAEL (Cowell ’70) GRAYDON. The couple has endowed the McHenry Library Expansion Learning & Outreach Center Fund, enriching a planned state-of-the-art instruction center in the forthcoming McHenry Library expansion. “By supporting these programs, we’re helping new generations move through new experiences and helping expose them to the brilliant people at UC Santa Cruz,” Mike said.

For more stories of generosity, please go to giveto.ucsc.edu/stories_of_support.asp

Alumni Association Councilors, 2005–06

Cowell

GREGORY CANILLAS '90
KAREN RHODES '77, *Vice President for Internal Affairs*

Stevenson

DAVID BRICK '69
AMY EVERITT '92, *Vice President for External Affairs*
PAUL H. MIXON '71
JOAN FITTING SCOTT '69, *Executive Vice President*

Crown

KYOKO BOMBERG FREEMAN '85
JERRY RUIZ '77
RICK SIMPSON '73
STACEY VREEKEN '83

Merrill

KEN DOCTOR '71, *Past President*
PATRICK R. A. FORD '93
DOMINADOR SIABABA '75, *President*

Porter

MARY DOYLE '74
JOHN GUTIERREZ '73
ROB SAWYER '72, *Vice President for Finance*

Kresge

PANDA KROLL '81
PAUL D. SEEMAN '76
SHARIF TRAYLOR '85

Oakes

FILOMENA TRINDADE '85, *Vice President for Administration*
RUTH P. WILSON '75

College Eight

SUSAN BRUTSCHY '80
AARON COLE '91

Graduate Division

EMILY MOBERG ROBINSON '04

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CAROLYN CHRISTOPHERSON,
Executive Director
FAYE CROSBY, *Chair, Academic Senate*
DENICE D. DENTON, *Chancellor*
IAN DOBBS-DIXON, *President, Graduate Student Association*
JESSICA PIERCE, *Chair, Student Union Assembly*

Make plans now to attend your reunion



Religious studies professor emeritus Noel King reconnects with his former student Renee De Palma (Stevenson '88, now a documentary filmmaker in southern California) at the All-Alumni Reunion Luncheon. Banana Slug Spring Fair 2005 offered alumni 37 events, which drew more than 2,500 attendees.

Plans are under way for reunions, other activities at Banana Slug Spring Fair weekend on April 22–23

Events will include the following:

- ▶ **All-Alumni Reunion Luncheon**, bringing together long-lost alumni friends and reconnecting faculty with their former students. Special recognition will be given to the classes of '71, '76, '81, '86, '91, '96, and '01.
- ▶ **Alumni Vintners Wine Tasting**.
- ▶ **Panel discussion** featuring fascinating graduates from the class of '76.
- ▶ **Distinguished Faculty Lecture**.
- ▶ **Reunions** for affinity groups, academic departments, college-based groups, and others.

The Alumni Association's popular annual Alumni Vintners Wine Tasting will take place Saturday afternoon. The event, which in the past has always been held during the summer, has historically attracted hundreds of loyal alumni, faculty, and other wine lovers from Santa Cruz and the Bay Area; now, it's easier for all alumni to participate while they're on campus for their reunions.

Participating 2006 vintners are still tentative, but in prior years they included such wineries as Saintsbury, Bonny Doon Vineyard, Morgan Winery, and Barefoot Cellars.

Other reunion weekend events will include a special session with UCSC Admissions Office staff for alumni parents whose children are interested in attending UCSC; the "Cowell Press Wayzgoose," a

gathering of alumni and friends of the Cowell Press; and a reunion of alumni who, in the early '80s, were involved with TWANAS (Third World and Native American Students) Press. The Alumni Association's web page has the latest information about all Banana Slug Spring Fair programs. Your reunion ideas are welcome via e-mail. See alumni.ucsc.edu.

Last year, generous alumni celebrating five- through 35-year reunions donated over \$300,000 to support scholarships and programs at UCSC. Reunions are a great time for alumni to reconnect with the campus in many ways, including financial support. To make your reunion gift online, go to giveto.ucsc.edu or contact Jennifer Wood, director of development, Annual Fund and Colleges, at (831) 459-2489.

Old friends reconnect after 30 years

YURI SASAKI WOO LEFT behind her family and home state of Hawaii when she enrolled at UCSC in 1972.

Laura Garcia Sobrino grew up not 15 miles from campus, but she too was living away from family for the first time when she became Woo's neighbor across the hall.

They grew up thousands of miles apart, but once they met, the two became fast friends.

"We'd never experienced anything like dorm life" remembered Sobrino, "and we were both minorities at College Five (later renamed Porter). There weren't many of us."

"We always hung out together in the dining hall, playing ping-pong" said Woo. "It was a great time."



Over the years Woo and Sobrino lost touch but always wondered what path the other had taken. Recently, Woo decided to look up her old friend using the UCSC alumni Online Community. "Just wondering if you're 'Laurasaurus' Garcia," she wrote. "If so, please write back. It's me, Yuri, from College Five days!"

Since then, the two are planning a visit and catching up via long e-mails. Woo now works at Stanford University; Sobrino, a pioneer female mariachi performer, was inducted into the Mariachi Hall of Fame last year.

The UCSC alumni Online Community makes it easy to reconnect with old friends. It contains nearly 52,000 alumni records, more than half of which list an e-mail address. To find your old friends, and to post your e-mail address so they can find you, go to the UCSC Alumni Association's Online Directory, alumni.ucsc.edu.



2004–05 Alumni Association College Service Award Winners
BACK ROW, L–R: Lindsay Osborne (Porter), James Patrick Scott (Kresge), Rosa Contreras (College Ten), Valerie Guerrero (Oakes), and Jennifer Lawrence (Crown); FRONT ROW: Olivia Villanueva (Cowell), Amanda Elliott (Stevenson), and William Welcher (College Nine). Not shown are Ryan Francis (College Eight) and Martin Smith (Merrill). In addition, the association supported 43 financially needy students, providing qualified undergraduates with a record high of \$99,500 in 2004–05. To make a donation to the Alumni Association Scholarship Fund for students with financial need, go to giveto.ucsc.edu.

Contact the Alumni Association

UCSC Alumni Association
University of California
1156 High Street
Santa Cruz, CA 95064-1077

Web: alumni.ucsc.edu
E-mail: alumni@ucsc.edu
Toll free: (800) 933-SLUG

Alumni are invited to participate in UC Day

ALUMNI WHO LIKE to shape the news, not just read about it, are invited to participate in UC Day on Tuesday, February 7, in Sacramento. UC Day brings together all nine UC alumni associations to discuss issues of concern to the university with members of the legislature. It is the only time when the UC systemwide "family" gathers in one place to acknowledge UC's contributions to the state.

Alumni participants hear from some of the newsmakers themselves, including UC President Robert C. Dynes. They meet senators and assemblymembers and, during a special reception, participate in honoring outstanding legislators who have helped shape the future of higher education in California. The day ends with an all-UC reception and campus-hosted dinners.

Whether providing a world-class education for high-achieving students, generating economic growth



Among the participants at UC Day 2005 were (l-r) Assemblymember John Laird (Stevenson '72), Chancellor Denice D. Denton, and Gary Novack (Kresge '73), former alumni member of the UC Regents.

and new jobs through research innovations, or working to improve California's health care and quality of life, UC's impact is felt statewide. Budget cuts have threatened the future of the university. Alumni, with their firsthand UC experience, can share a special perspective with elected officials about adequate levels of higher education funding.

To participate or find out more about UC Day, contact the UCSC Alumni Association. For information about advocating for UC, go to UCforCalifornia.org.

BECOME AN ALUMNI ASSOCIATION MEMBER NOW, OR RENEW—AND SAVE

- ▶ Support students.
- ▶ Enrich college life.
- ▶ Bring the voice of alumni to campus.
- ▶ Reconnect with your alma mater.

Current rates: annual membership, \$35; life membership, \$450
After January 1: annual membership, \$40; life membership, \$500

Join online today at alumni.ucsc.edu

Cowell College

'69 **Keith CHRISTIANSEN**, curator in charge of Old Master paintings at the Metropolitan Museum of Art in New York, was quoted extensively in a story in the *New Yorker* about the museum's recent purchase of an early Renaissance *Madonna and Child*; Christiansen, who has worked for the museum since 1977, handled the acquisition.

'73 **Scott CRASK** recently celebrated his eighth year of employment at Buckleup Programs in San Rafael, Calif., which provides housing and rehabilitation services for adults with mental illness.

'74 **James VALADEZ** is director of the Educational Research and Leadership Institute at California Lutheran University in Thousand Oaks, and he recently received tenure there.

'80 **Katherine SHIREK Doughtie's** first book of essays, *Aphrodite in Jeans*, is being published by Haven Books.

'81 **Robert SLOAN** is a physician in private practice in Hilo, Hawaii; he is busy with his nine-year-old daughter who wants to ice skate on another island, and so he plans to move to Honolulu to better groom his little skater.

'86 After studying yoga in India in summer 2004, **Eric SHAW** moved to San Francisco and began a self-designed Ph.D. in hatha yoga at the California Institute of Integral Studies; he has been a yoga teacher for four years.

'92 **Kimberly DeCOSTE** is living in the Denver area and working to launch a Denver/Boulder area alumni group. If interested, contact the UCSC Alumni Association at alumni@ucsc.edu. **Matt PRICE** was in the Peace Corps in Benin in 1993-95 and went on to complete a Ph.D. in epidemiology from the University of North Carolina at Chapel Hill; now he is working as a program manager with the International AIDS Vaccine Initiative.

'95 **Peter GILLIN** recently started a new career in commercial real estate with CB Richard Ellis, selling apartment buildings; he lives in Newport Beach and still loves to surf and mountain bike. He'd love to hear from old friends at peter.gillin@cbre.com.

'00 **Aaron BRODKIN** and **Andrea CHAPPELL Brodtkin** (Cowell '00) celebrated their first wedding anniversary in June.

'02 **Regan FRASER Eymann** married **Daniel EYMANN** (Cowell '04) in 2004, and they had their first child, Timothy, in April.

Stevenson College

'68 **George PAINE** retired in March as Australia/New Zealand desk officer for the U.S. Department of Commerce in order to spend

more time fly-fishing and grandparenting.

'70 **Henry FUCHS** is Federico Gil

Professor in the Department of Computer Science at the University of North Carolina at Chapel Hill; *U.S. News & World Report* has ranked the department number one in the nation in the area of "Graphics: User Interaction," which is Fuchs's specialty.

'72 **Eve ABBOTT** is a personal productivity expert and author of the book *How to Do Space Age Work with a Stone Age Brain* (Booksurge, 2005), which promises to help the reader escape from information overload, paper piles, and mind-numbing multitasks.

'77 **Kelvin FILER**, a Superior Court judge in Los Angeles, was profiled recently in the *Daily Journal*, a legal publication for attorneys, judges, and law professors.

'79 **Gregor BLACKBURN** has recently been promoted to senior planner with the National Flood Insurance Program of the Federal Emergency Management Administration; he writes that he was "gratified to see Thomas Pynchon make his public debut on *The Simpsons*."

'98 **Andrea KING** has a private practice in career and educational counseling in Portland, Ore.; she has a half-price rate for UCSC students and alumni and offers a free phone consultation. Her web site is www.careerful.com.

'99 **Trevor JACKSON** graduated from Golden Gate University School of Law with a J.D. degree and is preparing for the California Bar Examination; his fiancée and best friend, **Christina ALPI** (Stevenson '03), is "adept at keeping him in line

and finding a means by which to pay off his student debts."

'02 **Shayna HIRSHFIELD** is working on a master's degree in public policy at the University of Michigan, and she dearly misses the forest in Santa Cruz.

'04 **James HONG** received his commission as a naval officer after completing Officer Candidate

School (OCS) at Officer Training Command in Pensacola, Fla.; during the 13-week training program, he received extensive instruction in navigation, ship handling, engineering, naval warfare, and management.

Crown College

'72 **Terry Louise TERHAAR** received her Ph.D. in environmental studies from Yale University in May.

'75 **Daniel BEAN** has been ap-

pointed manager of the Colorado Department of Agriculture's Insectary, which aims to decrease agriculture's reliance on chemical pest control through the use of beneficial insects; he has worked as a researcher for 25 years in the field of weed biocontrol.

'84 **David CRAGO** has been selected as chief psychologist at the federal prison in Dublin, Calif.

'88 **Bill CARTER** is the author of *Fools Rush In: A True Story of Love and Redemption*, a memoir based on his experiences in Bosnia (Wenner Books, 2005); he has produced and directed several documentaries, including the award-winning *Miss Sarajevo*, which succeeded in bringing international attention and outrage to the plight of the war-torn region. He lives in southern Arizona.

'89 After teaching biology in New York City high schools and getting her M.Ed. at the University of Massachusetts Amherst, **Kathleen CORR** is now working on a Ph.D. in geoscience, also at UMass Amherst; friends may write her at P.O. Box 613, Springdale, UT 84767.

Christine MURPHY Pugliese is a married homemaker and mother of two beautiful girls, Ashley and Taylor; she loves living in Chandler, Ariz., where she's been for nine years, and looks forward to using their boat as her girls get older.

'91 **Matt KOUMARAS** is the executive director of the Boys & Girls Club of Santa Cruz; he and his wife, Denise, celebrated the birth of their daughter, Grace, in June 2004.

Bruno PERNET's recent research on marine invertebrates was reported in the *New York Times* and *Science* magazine; he is an assistant professor of biological sciences at California State University, Long Beach.

Mia MORSY Whitfield and her husband, Jim, welcomed daughter Valerie Michelle in April.

'97 **Chad ENGLISH**, a doctoral candidate in applied ocean sciences at Scripps Institution of Oceanography, has won a John A. Knauss Marine Policy Fellowship from the National Oceanic and

Atmospheric Administration Sea Grant program; he will spend a year as a legislative aide to Senator Olympia J. Snowe (R-Maine),

currently chair of the Commerce, Science and Transportation Subcommittee on Oceans, Fisheries, and Coast Guard.

'01 **Jennifer DEAN Teeters** has finished her third year of teaching and was planning to complete her clear/CLAD teaching credential in August; she celebrated her first wedding anniversary in April.

'03 **Milene BARGOANU** is a graduate student in biology at Temple University in Philadelphia. **Jeffrey DeQUATTRO** landed a great job in Alabama; he notes that the South has a shortage of people with environmental studies degrees.

Denise PECCIANI, a nursing student, won \$2,900 on the TV program *Wheel of Fortune* in January; she is using the money to pay for textbooks.

Merrill College

'75 **Anita HEMPHILL McCormick** recently won a Distinguished Lecturer Award at UCLA for outstanding contributions to university teaching.

'77 **Susana LAGUDIS** is the executive producer, producer, postproduction supervisor, interviewer, soundperson, and driver of a feature-length documentary film, *Trespassing*, that premiered at the Santa Cruz Film Festival in May.

'80 **Clyde JONES**, who has a master's in religious education and is an ordained minister, has started an independent multicultural, multi-purpose ministry in Watsonville.

'81 **Elizabeth McKENZIE's** first book, *Stop That Girl* (Random House, 2005), is a novel composed of nine consecutive stories about a girl growing up in California; her stories have appeared in *Pushcart Prize 2001*, *The Best American Nonrequired Reading* (2002), and *TriQuarterly*, among others.

'85 **James HATTERSLEY** was recently appointed vice president of corporate business development for a specialty pharmaceutical firm, Antares Pharma; he and his wife, Jennifer, have been married 23 years and have a daughter, Jillian, who

graduated from UC Davis, and a son, Jim, who is a student at Ohio State University.

'87 In addition to teaching and lecturing about art, **Kira Lynn HARRIS** has been exhibiting steadily, including a solo exhibit in April at Bruno Marina Gallery in Brooklyn, N.Y.; she recently designed a set for *Via Sacra*, a work of original choreography by Elisa Monte Dance; she's lived in historic and ever-changing Harlem, N.Y., since 1999. **John TOROK**, a doctoral student in ethnic studies at UC Berkeley, is working on his first two books, "McCarthyism and New York Chinatown: A Legal History" and "Asian American Jurisprudence"; his article "Freedom Now! Race Consciousness and the Work of Decolonization Today" appeared in the fall 2004 *Howard Law Journal*. Classmates may reach him at johnatorok@ucscalumni.com.

'89 **Randall STUDDILL's** book *The Unity of Mystical Traditions: The Transformation of Consciousness in Tibetan and German Mysticism* was published in May by Brill Academic Publishers as part of a series on the history of religion.

'92 **Daniel GLUESENKAMP** earned a Ph.D. in integrative biology from UC Berkeley; he now lives in Sonoma and San Francisco, overseeing habitat protection and restoration for 26 properties in Marin and Sonoma Counties; he is a board member of the California Invasive Plant Council.

'95 **Jody GEHRMAN's** second novel, *Tart* (Red Dress Ink, 2005), chronicles the adventures of a party-girl-turned-UCSC-professor as she searches for love, tenure, and the perfect vodka tonic; Gehrman teaches English at Mendocino College.

'98 **Megan McNAMARA** took a two-week tour of Israel and Palestine in May as part of an Interfaith Peace-Builders delegation organized by the Fellowship of Reconciliation—U.S.A. Beyond meeting Palestinians and Israelis, the purpose of the trip was to provide delegates with deeper insight into the issues surrounding the Palestinian-Israeli conflict.

'01 **Wilson TAI**, since returning from two years abroad in China, Australia, and New Zealand, is immersed in the family business,

Rosewood House, which sells Asian furniture and art in the Bay Area; he is responsible for sales, marketing, and design. He can be reached at wilson@rosewoodhouse.com.

'02 **Heidi CUNNINGHAM** is co-editor of *3rdfloor: a portable artspace*, a new publication that seeks to radicalize art magazines and create an accessible medium for viewing and publishing creative works; for more information, visit 3rdfloorproject.org.

Porter College

'73 **Richard OPPER**, a partner in a small San Diego law firm that specializes in facilitating brownfield redevelopment, was invited to Belfast and Berlin by the U.S. Environmental Protection Agency to make presentations on the topic of regenerating cities, following his work on a noteworthy project in San Diego and his recent publications on brownfield redevelopment policy and law.

'76 **Michelle ERRECART** is a cytologist and a research coordinator at Dynacare Laboratories in Seattle.

'86 **Marla SAMUEL** is living in a new home in Phoenix, Ore., with her son, Jacob, who was born on Valentine's Day 2004; she is a figurative sculptor working in stone, bronze, and fused glass.

'89 After earning an M.S. from Long Island University and doing humanitarian work in Bosnia and Kosovo, **James KOO** is now working as a reference librarian in N.J.

'92 **Kimberly GREWAL** is living in West Palm Beach, Fla.; she is a small-animal veterinarian married to an equine veterinarian.

'93 **Niall BRENNAN** is moving to London in September to begin an M.Phil./Ph.D. program in media and communications at the London School of Economics and Political Science. **Jennie MORRIS** and **Mikhail GERSHOVICH** (Porter '93) live in Brooklyn and welcomed their son, Jonah Lev Gershovich, in October 2004.

'94 **Kim WALDNER** and fellow alumna **Kenzie FERGUSON** (Porter '93) raised money to fight breast cancer by taking part in the San Francisco Avon Breast Cancer Walk in July under the team name of Banana Slugs Walking.

'97 **Jessica HOBBS** had a series of her original poster designs, titled *Wedding Portraits*, displayed in kiosks on Market Street in San Francisco in spring 2005; the portraits celebrate the marriage ceremonies of same-sex couples held in that city in 2004.

'98 Clown duo **Natasha KALUZA** & Jamie Coventry won the top prize for "Best Clown/Comedy Act" in the Third Annual American Circus Festival/People's Choice Cabaret, held in Santa Cruz in May and hosted by the Flynn Creek Circus.

Jeffrey MASUDA is a high school English teacher in the Milpitas, Calif., Unified School District. '01 **Joseph DePAGE** currently plays bass for Vlad and the Impalas, a rockabilly act signed with Alternative Tentacles Records; their album, *Romanian Bop*, will be released soon.

Kresge College

'75 **Cathy DANA** was selected as Member of the Year by the Northern California Chapter of the National Speakers Association for her many hours of volunteer service to the organization; she practices hypnotherapy combined with massage and teaches Conscious Embodiment, the centering practices of aikido.

'84 **Brigid DEASON Hildeburn** has realized a long-held dream of integrating her love of gardening with her study of Tibetan Buddhist philosophy and meditation by starting a landscape design firm with her husband, **John HILDEBURN** (Kresge '83); the mission of the firm, Living Designs, is cultivating sacred space.

'87 **Karen BREWSTER**, a research associate with the Oral History Program at the University of Alaska Fairbanks, has published a book titled *The Whales, They Give Themselves: Conversations with Harry Brower Sr.* (University of Alaska Press, 2004), which tells the life history of an Inupiaq whaling captain from Barrow, Alaska.

'91 **Leslie MOORE** and her husband, Mark, recently expanded their family with the birth of their first child, Anouk.

'96 **Anna Sophie LOEWENBERG** has published a short story about Beijing in *Lost on Purpose: Women in the City* (Seal Press, 2005), a new collection of short fiction by women

We'd like to hear from you

► Use the card in the middle of the magazine to send us your class note

► or send e-mail to dewey@ucsc.edu

► or submit a note via the web at alumni.ucsc.edu (go to Class Notes)

whose characters are held in thrall by urban life.

'97 **Yan SHAM-SHACKLETON** has been nominated for a Freedom Blog Award, given by Reporters Without Borders to individuals who "defend freedom of expression" though the blog medium; Yan's blog—www.glutter.org—focuses on the Democratic Movement in Hong Kong, human rights, and free speech issues in greater China. Her blog is frequently censored and blocked in the mainland by the Chinese Communist government.

'00 In 2004, **Viva STOWE Harris** graduated first in her class from Santa Clara University School of Law and married Michael Harris; Viva practices law in San Jose, and they live in Santa Cruz.

'02 **David BERG** is the producer of *Raging Cyclist*, a 30-minute action/dark comedy film that was selected to screen at this year's Cinequest Film Festival in San Jose and the Durango Film Festival in Colorado. **Craig David FORREST** is the author of *Joyride: A Son's Unlikely Journey to His Mother's Heart* (iUniverse, 2005), a memoir of how he reconnected with his journalist mother before and after her death through the archives of a weekly humor column she had written for the Cape May, N.J., newspaper while Craig was growing up.

Oakes College

'75 **David PAINE** has been appointed superintendent of the Live Oak School District in Santa Cruz; prior to this, he served the district as director of curriculum and instruction and as an elementary principal. He has a doctorate in educational leadership from the University of La Verne and a master's in education from San Jose State University.

'77 **Raymond ROMO** recently retired from the Royal Micronesian Air Force with the rank of Wing Commander; he and his wife, **Priscilla BALANON Romo** (Merrill '72), live in Hawaii, where they own an aquaculture research facility; Priscilla works at Volcanoes National Park.

'98 **Azadeh MOAVENI** (see profile, page 20) lives in Beirut and covers Middle Eastern affairs for *Time*

magazine; her book *Lipstick Jihad: A Memoir of Growing Up Iranian in America and American in Iran* was published by PublicAffairs this year. **Mica VALDEZ** is running a middle school program that provides positive alternatives to youth gang violence and fosters youth leadership development.

'05 **Mimosa ANDRE** was selected to be an intern with the production team at the Berkeley Repertory Theatre for the 2005–06 season. **E. T. HAZZARD** was also chosen by Berkeley Repertory Theatre as an intern for the 2005–06 year; he will work with the technical director and the staff of the scene shop.

SAVE THESE 2006 DATES:

- ▶ **Alumni Association Awards Luncheon.** Celebrate faculty, staff, and alumni award winners. February 4 on campus.
- ▶ **UC Day.** Legislative advocacy for higher education. February 7 in Sacramento.
- ▶ **Banana Slug Spring Fair.** Reunion weekend, with special recognition for the classes of '01, '96, '91, '86, '81, '76, and '71; receptions, panel discussions, and more. April 22–23.
- ▶ **Alumni Vintners Wine Tasting.** Top Banana Slug vintners pour their best for guests celebrating 2006 reunions. April 22.

alumni.ucsc.edu

College Eight

'75 **Patricia O'NEILL** is a plumbing contractor in Berkeley.

'77 **Lisa FINDLEY's** book *Building Change: Architecture, Politics and Cultural Agency* was published this year by Routledge Press; she is a registered architect and an associate professor at California College of the Arts, where she coordinates the master of architecture program.

'80 **Ann KRCIK** received the 2005 Pioneering Woman Award from the Outdoor Industries Women's Coalition; she is the founder of Extreme Connection, which helps mountaineers, outdoor sports athletes, and adventurers make a living and support their endeavors by being motivational speakers for corporate meetings and events, endorsement spokespeople, and sports models. In February, **Elaine MEADOWS**

received the Elizabeth Noble award from the American Physical Therapy Association Section on Women's Health; it is the highest award given for outstanding achievement in the field of physical therapy for women.

'85 **Susan DAVIS Dzeduszycka-Suinat** was project manager of Overseas Vote 2004, a web application that was able to help more than 80,000 U.S. overseas voters to register, and she is now executive director of the nonprofit, nonpartisan Overseas Vote Foundation (www.overseasvotefoundation.org); she lives in Munich with her husband, Olivier, and their two daughters, Anna and Margaux, and has her own

IT marketing consulting firm.

'86 **Scott CRAMER** has been promoted to associate professor of cancer biology at Wake Forest University School of Medicine.

'93 This summer, **Mara JEFFRESS** took a 1,000-mile solo-backpacking trek along the Pacific Crest Trail to raise money for Doctors Without Borders (Médecins Sans Frontières); she earned her Ph.D. in molecular and cell biology from the University of Washington in 2004. Contributions can still be made at jeffress.net/mara/1000miles.html.

'94 **Jason BINSWANGER** is running a chiropractic office in San Diego and expecting his first child in September; friends may contact him at www.bingchiropractic.com.

'95 **(Jason) Cooper MARCUS**, who founded Slug Books Co-op while a UCSC student, is living in Chicago, working on his M.B.A. at

the Kellogg School of Management at Northwestern University; he's also starting a parking facility management firm that uses a patent-pending low-cost technology platform of his own invention.

'97 **Denise DeJOSEPH** received an M.Sc. in archaeological science in 2000 from the University of Glasgow, Scotland; she now lives in Seattle, where she is a project manager with Historical Research Associates and is pursuing a certificate in geographic information science at the University of Washington.

'99 **Cary FUKUNAGA** won a Student Academy Award from the Academy of Motion Picture Arts and Sciences for his film *Victoria Para Chino*, a 14-minute narrative film based on the true story of the worst single case of illegal immigrant death in U.S. history.

In Memoriam

William EVERSON (Porter '73), who received a B.S. in chemistry from UC Berkeley in 1929, retired as a chemist from Shell Oil, took a postretirement degree at UCSC, and backpacked around the world, died at the age of 97.

Edna KIMBRO (Porter '76), California State Parks historian and nationally recognized expert on adobe construction and preservation, died in her sleep at her Watsonville home in June 2005 after a six-year battle with ovarian cancer; she was 57.

Mark STIER (Stevenson '76), a lawyer with the civil tax division of the Department of Justice who in 1996 and 2004 received the department's Outstanding Attorney award, died of cancer in January 2005. He is survived by his wife, Cynthia, and two sons, Andrew and Brendan, all of McLean, Va.

Gordon KIO (Porter '85), restaurant critic for the *Idaho Statesman* and lover and supporter of music, art, and theater, drowned in the Sea of Cortez in October 2003, while vacationing with his wife.



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GIFTS

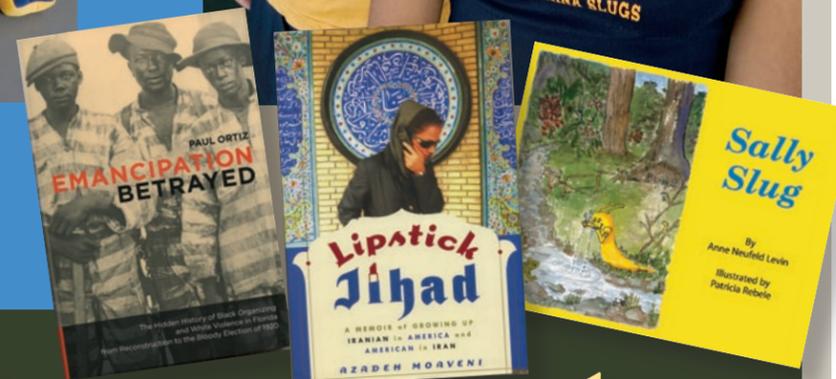


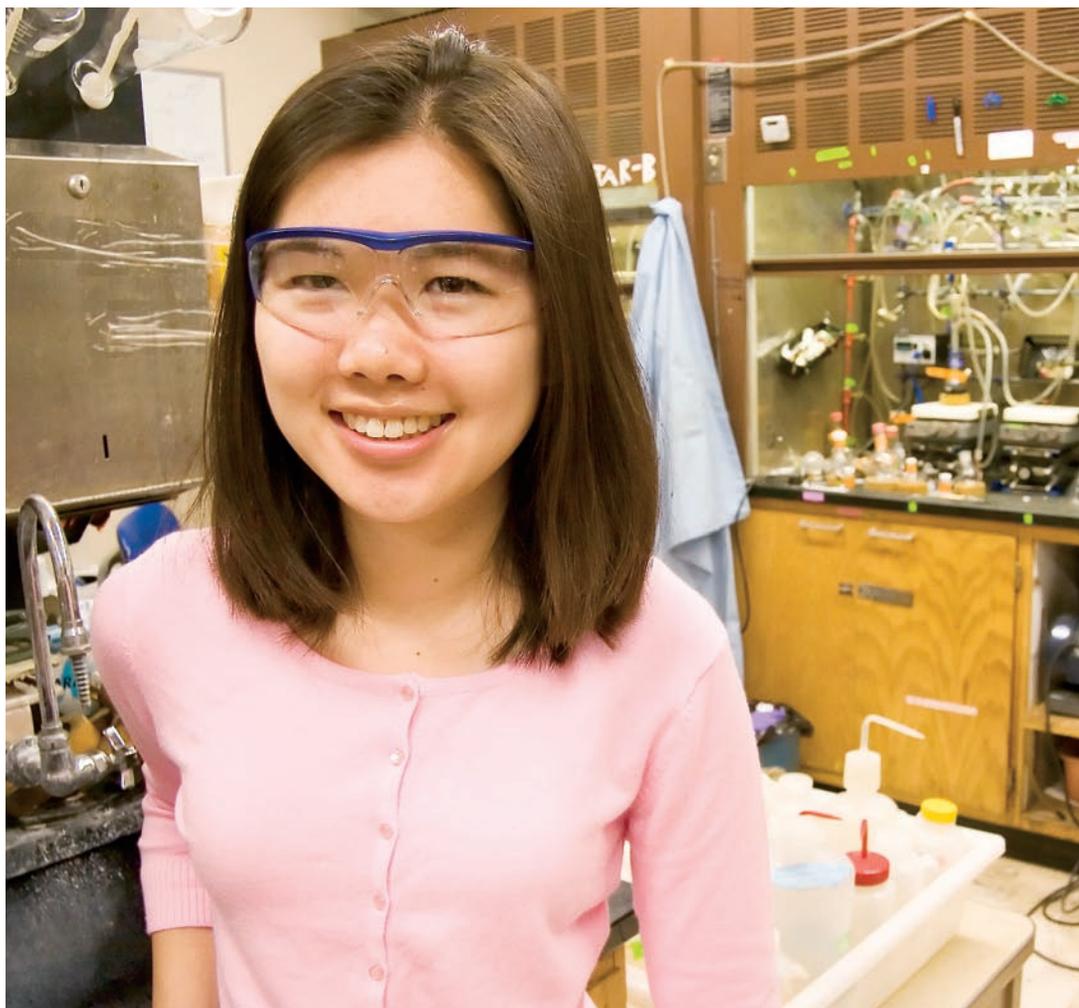
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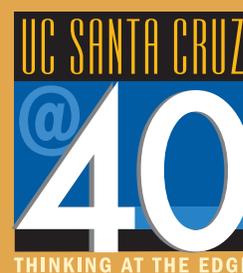
Tracey Kwong

Senior, Biochemistry and Molecular Biology

- ▶ Regents Scholar
- ▶ 2004 Goldwater Scholar
- ▶ Winner, Doug Drexler Chemistry Scholarship (2004 and 2005)
- ▶ Winner, C. Fiore Chemistry Prize (2004)
- ▶ Undergraduate researcher in the laboratory of professor of chemistry and biochemistry Bakthan Singaram
- ▶ Summer intern at Roswell Park Cancer Institute in Buffalo, NY
- ▶ Special Olympics basketball coach
- ▶ Volunteer, Habitat for Humanity

Plans after graduation:

Pursuing a Ph.D. in molecular and cell biology



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