On the road again
It is exciting to be joining the beautiful UC Riverside campus at this particular time in its history. Previous chancellors have laid a solid foundation upon which to grow the university’s reputation. As I make my first steps around the campus and delight in Riverside’s warm sunshine, everything I see and everyone I talk with confirm that this is a special place. It is clearly held dear for its historical roots in citrus experimentation, respected as a nationally recognized UC research institution and regarded with pride for its advancing reputation in all disciplines.

As I start my tenure as UCR’s seventh Chancellor and begin planning for the future with faculty, staff and students, I have many hopes. Among them is that UCR will continue to distinguish itself in the quality of its programs and degree of its accomplishments, while at the same time continuing to foster the diversity that makes it unique among peer institutions. My hope is that the discoveries and inventions of its scientists and engineers, the achievements of its artists, musicians, writers and dancers, and the analyses and syntheses of its social scientists will be recognized and celebrated globally – and that what we have seen thus far is just the beginning. My hope is that UCR will be the campus of first choice for its students, giving each student a significant and memorable education. I plan to work with faculty, students and staff to realize these goals; we will invite you to celebrate our milestones along the way.

This issue of Fiat Lux reminds us of the breadth of experiences potentially available to our students. From internships at the University of California’s Washington Center program in D.C. to study abroad programs in many countries, these opportunities offer students experiences that can truly transform their outlook and change their career goals. I’ve visited UCR students at the new D.C. building, for example, and been delighted with their maturity and enthusiasm. Our students have testified eloquently about the effect these experiences have had on them to, among others, the UC Board of Regents. My hope is that working with UCR’s friends and alumni to sponsor fellowships for deserving students, we can offer these kind of significant experiences to many more of our students. As a college student years ago, I enjoyed studying and traveling abroad; it changed my perspective on other cultures and my life’s goals.

I hope you enjoy this issue and all it offers to the members and families of our campus and extended campus community. If you see me on campus or around town, please say ‘hello’ – I would love to hear about your own vision for the campus.

France A Córdova
Fiat Lux, Latin for “Let there be light,” is the motto of the University of California. It is also an ancient biblical reference that announced the coming of light into the world, and with it knowledge, the power of perception and the hope for wisdom.
Catherine Allgor, an assistant professor of history, is a Bunting Fellow at the Radcliffe Institute for Advanced Study Fellowship at Harvard University. Named for Mary Bunting, a long-time president of Radcliffe University, the Bunting Fellowship since 1960 has offered an opportunity for scholars focusing on women to gather to share work. “Originally, it was to counteract the climate of unexpectation for women,” said Allgor, who arrived at UCR in July 2000. “It is multi-disciplinary, so there are astrophysicists and theater artists and poets and filmmakers. Alice Walker got a Bunting.” Allgor will be using the 2002-2003 academic year at the Radcliffe Institute to work on a new book, “The Last of the Founders: Dolley Madison and the Making of the American Nation,” which will be published by the University of Virginia Press. “I hope to grow as a scholar,” Allgor said of her time at Harvard. “It is so rare in the academy to meet anyone outside of our own disciplines. It is really a great opportunity.”

Concha Rivera, widow of former UC Riverside Chancellor Tomás Rivera, announced the establishment of the Tomás Rivera Endowed Chair to honor his life as a writer, poet, and academic leader of exceptional distinction. The chair will be a senior faculty appointment in Creative Writing and English with an emphasis on Chicano/Latino literature. The interdisciplinary position may embrace many areas of research on the issues that were central to Rivera’s life. Tomás Rivera served as Chancellor from 1979 until his death in 1984. His wife Concha continues his legacy of community involvement through her many activities. For the last 15 years, she has coordinated the annual Tomás Rivera Conference that has provided an international forum for thoughtful reflection on the contributions of Chicanos and Latinos in the worlds of art, music, literature, culture, business, medicine and education. Funds from the chair will be used to continue the conference and to support other community outreach efforts. Concha continues to serve the community and the university. She is a member of the Board of Visitors for the College of Humanities, Arts, and Social Sciences.

“France, the United States, and the Algerian War,” a book by Irwin M. Wall, professor emeritus of history, has won both the Gilbert Chinard Prize from the Society for French Historical Studies and the Robert Ferrell Prize from the Society for the History of American Foreign Relations. Both honors come with stipends of $1,000. The book, published in July 2001 by the University of California Press, unravels the intertwining threads of the protracted agony of France’s war with Algeria, including America’s influence, the long shadow of Charles de Gaulle, and the decisive postwar power of the United States. During his research, Wall made extensive use of previously unexamined documents from the Department of State, the French Ministry of Foreign Affairs and previously classified files of the Archives of the French Army at Vincennes and the Colonial Ministry at Aix-en-Provence. Wall, who received his Ph.D. at Columbia University and has written extensively on French post-WWII politics and international relations, has been a faculty member since 1970. His book, “The United States and the Making of Postwar France, 1945-1954,” also won the coveted Chinard Prize in 1992.

Sonja Lyubomirsky, associate professor of psychology, is the second place winner of the 2002 Templeton Positive Psychology Prize, one of the field’s largest monetary prizes, for her work on developing a ‘science of human happiness.’ The $50,000 award is divided as a cash prize of $15,000 to be used as Lyubomirsky chooses and a grant of $35,000 to support her research in the positive psychology field. She accepted the prize during a ceremony in May in Philadelphia. Her research shows that exceptionally happy people construe themselves, their peers and life events in ways that seem to maintain their happiness,
such as reacting to life circumstances in relatively more positive and more adaptive ways than unhappy people. Several investigations have revealed that unhappy individuals are more likely than happy ones to dwell on negative or ambiguous events. Such ‘dwellings’ or rumination, may make things worse, rather than better, she said.

The American Psychological Association, with underwriting support from the John Templeton Foundation, created the awards program. Now in its third year, the prizes are intended to encourage scientists to devote their best efforts to positive psychology topics, such as optimism, moral identity, self-control, goal-focused living, thrift, courage and future-mindedness. The APA is the world’s largest association of psychologists, with 155,000 members.

Carlos Vélez-Ibáñez, director of the Ernesto Galarza Applied Research Bureau and professor of anthropology, has won the 2003 Bronislaw Malinowski Award from the Society for Applied Anthropology.

The Malinowski Award is presented each year by the Society to an outstanding social scientist dedicated to the goal of solving human problems through the application of concepts and tools from the social sciences.

Vélez-Ibáñez will receive the award on March 21, 2003, at the 63rd annual meeting of the society in Portland, Oregon. At that time, he will deliver the Malinowski Address, which is the featured presentation of the annual meeting.

He directs the Ernesto Galarza Applied Research Center, which carries out applied research projects and programs that improve the physical and mental health of women, the learning and educational success of Latina/o people, the formation of healthy communities and strongly supports programs that close the digital divide among under-served populations.

“It serves as a real research and applied bridge between the university and the community,” Vélez-Ibáñez said.

Current projects include the Community Digital Initiative, a computer lab in the Cesar Chavez Community Center in Riverside, and the Community Health Worker Program for Improving Quality of Health Care for Latinos, which will match bilingual promotoras (health promotors) with residents of trailer parks in the Coachella Valley to improve access to quality health care.

Richard Sutch, a distinguished professor of economics, has been named a Phi Beta Kappa Visiting Scholar for the 2002-2003 academic year.

Sutch, who studies the economic and demographic consequences of immigration and the economic history of American slavery, is one of a dozen distinguished scholars selected to make two-day visits to Phi Beta Kappa institutions, participating in classroom lectures and more formal academic presentations.

He came to UCR in 1998 after a 30-year career at UC Berkeley, where he received a Distinguished Teaching Award. He serves as the U.S. representative to the Executive Committee of the International Economic History Association. He is also the director of UCR’s Policy Studies Institute.

Sutch is co-author of “Reckoning with Slavery; One Kind of Freedom: The Economic Consequences of Emancipation; Economics and the Historian; and Economic and Social Impacts of Computing and Telecommunications.”

Phi Beta Kappa, the nation’s leading advocate for the liberal arts and sciences at the undergraduate level, was founded on December 5, 1776, at the College of William and Mary. The Visiting Scholar program was founded in 1956 and has named 466 Visiting Scholars since that time.

Robert Rosenthal, a distinguished professor of psychology, has spent his career finding out what comes of expectations.

“When you expect more of a person, you are likely to talk in a different tone of voice. This and your body movement, facial expressions and posture are powerful communicators of expectations,” Rosenthal said.

Those expectations actually influence the outcome in the classroom, in the lab and in the courthouse. That fascinating fact has come to be called “The Rosenthal Effect.” In 37 years as a professor at Harvard University and in three years at UCR, Rosenthal has built a name and reputation as one of
the giants of modern psychology.

He now adds another honor: the 2002 Distinguished Scientific Award for Application of Psychology from the American Psychological Association. He said this latest award is especially exciting because it comes from his colleagues. “These are people I admire and respect,” he said. “It’s very exciting that your colleagues think well of you.” The 2002 Distinguished Scientific Award is the highest honor possible from the APA.

Jonathan H. Turner, distinguished professor of sociology, won the Pacific Sociological Association’s 2002 Distinguished Teaching Award in April.

“He’s just so widely respected,” said Charles Powers, professor of sociology at Santa Clara University and one of the 16 current and former students who wrote nomination letters.

“Jon won because he has had a transforming presence in his teaching, through exemplary commitment to what happens in the classroom and exemplary success in sustaining long-term mentoring relationships with students and former students, and through widely used textbooks.”

“He is an unparalleled teacher and mentor of graduate students, and a life-long friend and colleague to those students with whom he develops working relationships,” Powers said.

Turner has written several successful textbooks, including “The Structure of Sociological Theory; American Ethnicity” (with Aguirre), “Sociology: Concepts and Uses” and “The Emergence of Sociological Theory” (with Beeghley and Powers).

Turner joined the faculty in 1969 after earning his Ph.D. at Cornell University. He is the current editor of “Sociological Theory,” the most widely read journal in his field.

Christopher Chase-Dunn, a distinguished professor of sociology, organized a successful conference in May that brought political scientists, historians, anthropologists, economists and geographers together to examine the place of the United States in the global system of power.

The Political Economy of World-Systems 2002 Conference, sponsored by the Institute for Research on World Systems, included a keynote address in the University Theatre by Yale University’s Immanuel Wallerstein called, “The United States in Decline?”

Wallerstein is considered by many to be the most influential social scientist of his generation. “His conceptual approach to world history has informed the scholarly debate about globalization,” said Chase-Dunn. “No other sociologist in the late 20th-early 21st centuries has had such a wide and deep impact in both social sciences and the humanities.”

Anthony Ginter, professor emeritus of music, is the editor of “Pierre Gavinies: Six Sonatas for Violin and Basso Continuo, opus 3.”

It is part of a series called “Recent Researches in the music of the Classical Era” from A-R Editions, Inc. Ginter has long been interested in Gavinies, a composer who gained his reputation in 18th century Paris.

Ginter studied at the Royal Conservatory of Music, the University of Toronto, Indiana University and Ohio State University before coming to UC Riverside in 1977.

Harry Green II, professor of earth sciences, is the recipient of the 2003 Faculty Research Lecturer award. Each year, the Academic Senate chooses a renowned scholar for the prestigious award.

Green came to UC Riverside in 1993 as professor of geology and geophysics in the Department of Earth Sciences and the Institute of Geophysics and Planetary Physics (IGPP). Green served as director of the IGPP (1993-1995) and as Vice Chancellor for Research (1995-2000). Since 1999, he has been distinguished professor of geology and geophysics. During his tenure at UCR, Green has made significant contributions to the study of how earth materials behave under varying conditions of pressure, temperature, and stress within the paradigm of plate tectonics.

A new summer research program will bring two Croatian medical students to UCR labs this year.

The International Scholars Program (ISP) introduced by the College of Natural and Agricultural Sciences is hosting Vedran Radojcic and Vice Sunjara, both upper-level students at the School of Medicine of the University of Zagreb, as they conduct eight-week summer research internships. Radojcic will work in the lab of Associate Professor of Cell Biology Frances Sladek, while Sunjara will join the research team of Dr. Vladimir Parpura, assistant professor of neuroscience and the director of the ISP.

"The benefit to them is that they are exposed to much better science here. We have much better labs and equipment than they have in Croatia," said Parpura. “The benefit to us is that they might come back as graduate students."
The San Francisco-based Commonwealth Club awarded the California Book Awards 2002 Gold Medal for Fiction to **Susan Straight**, professor of creative writing, for her fifth novel, “Highwire Moon.”

A National Book Award finalist, “Highwire Moon” tells the story of a mother and a daughter, Serafina, an undocumented Mexican-Indian immigrant torn away from her American-born daughter, Elvia, during an immigration raid. “Highwire Moon” traces their struggle to reunite despite grinding poverty, backbreaking toil, the seamy Southern California subculture of methamphetamine addicts and the foster care system.

Other literary figures who have won California Book Awards include John Steinbeck, William Saroyan, Wallace Stegner and Amy Tan. The gold medal comes with a $2,000 prize. Other gold medalists in this year’s competition are Pulitzer Prize winner Alan Taylor for his non-fiction work “American Colonies” and the poet and Nobel Laureate Czeslaw Milosz for “New and Collected Poems 1931-2001.”

Straight’s other critically acclaimed fiction includes “Aquabogie,” “I Been in Sorrow’s Kitchen and Licked Out All the Pots,” “The Gettin’ Place,” and “Blacker Than a Thousand Midnights.” She has also written two children’s books, “Bear E. Bear” and “The Hallway Light at Night.”

Straight sets all her novels in the fictional town of Rio Seco, California, a loose parallel to her hometown, Riverside. Among her awards are the prestigious Lannan Foundation Award in 1999 and a 1997 Guggenheim Fellowship.

The Commonwealth Club of California, a non-profit, non-partisan public affairs forum established in 1903, sponsors the California Book Awards competition. Since 1931, the Club has recognized more than 400 exceptional literary works by California’s writers, poets and publishers.

**“Sexual Revolution in Early America”**
by Richard Godbeer

In his latest book Professor of History Richard Godbeer provides an eye-opening reexamination of the sexual lives of our Founding Fathers and Mothers.

Based on archival research of sermons, laws, governmental degrees, diaries, letters and court transcripts, this sweeping study crosses two centuries and territory from New England down to the southern colonies and outward to the West Indies.

Godbeer overturns many assumptions about colonial America, including Puritan New England. Although deeply hostile to sex outside of marriage, Puritans celebrated sex within a married relationship. Indeed, they considered sexual intimacy so crucial to a healthy marriage that they excommunicated those who denied “conjugal fellowship” to their spouses. Godbeer also examines rural courtship practices in the late 1700s, including “bundling,” which allowed courting young couples to spend the night together, with undergarments on, to get to know each other better.

Godbeer’s book includes discussion of pre-marital sex, homosexuality and adultery, as well as sexual coercion. One chapter examines the rise of prostitution in post-revolutionary urban areas such as Philadelphia.

The book, published in May by Johns Hopkins University Press, has been featured as a History Book Club selection. “My intent was to examine the place that sex occupies in the moral and cultural architecture of early American society,” Godbeer said. “America’s sexual culture has always been vibrant and contentious – early Americans were no exception.”

**“The Gift of Kabbalah; Discovering the Secrets of Heaven, Renewing Your Life on Earth”**
by Tamar Frankiel

Tamar Frankiel, a visiting lecturer in Religious Studies, has just published a book called “The Gift of Kabbalah; Discovering the Secrets of Heaven, Renewing Your Life on Earth.” Published by Jewish Lights Publishing, it is a comprehensive guide to Jewish mystical wisdom.

She is the author or co-
author of many other books, including “The Voice of Sarah: Feminine Spirituality and Traditional Judaism,” “Minding the Temple of the Soul: Balancing Body, Mind, and Spirit through Traditional Jewish Prayer, Movement, and Meditation” and “Entering the Temple of Dreams: Jewish Prayers, Movements, and Meditations for the End of the Day.” She lectures frequently on topics of Jewish mysticism. She is also well known for her historical studies in religion, including: “California’s Spiritual Frontiers: Alternatives in American Protestantism 1850-1910,” “Christianity: A Way of Salvation” and “Gospel Hymns and Social Religion: The Rhetoric of Nineteenth Century Revivalism.”

“Sexual Selections: What We Can and Can’t Learn about Sex from Animals” by Marlene Zuk

Zuk, professor of biology, is the author of the book “Sexual Selections: What We Can and Can’t Learn about Sex from Animals.” Biologists, to elucidate human behavior, often use scientific discoveries about the animal kingdom. Zuk argues in her book, however, that while animals do display a lot of interesting variation, not all of it can be extrapolated to explain human behavior. She points out that some researchers have been too quick to ignore vital information from the animal kingdom, and have instead hustled “evidence” they believe is supportive of their ideas. Zuk’s motivation to write the book stemmed from her desire to respond to the general population’s interest in the subject.

“Contesting Sacrifice: Religion, Nation and Social Thought in France” by Ivan Strenski

Ivan Strenski, the Holstein Family Community Professor of Religious Studies, has written about the key role sacrifice plays in French culture and nationalist politics.

Strenski traces the history of sacrificial thought in France, starting from its origins in Roman Catholic theology. He suggests that the French army’s strategy in World War I, French fascism and debates over public education and civic morals during the Third Republic all owe much to Catholic theology of sacrifice and to Protestant reinterpretations of it.

Pointing out that every major theorist of sacrifice is French, including Bataille, Durkheim, Girard, Hubert, and Mauss, Strenski argues that we cannot fully understand their work without first taking into account the deep roots of sacrificial thought in French history. The University of Chicago Press published the book in June.

Strenski arrived at UC Riverside in 1995 after teaching at UC Santa Barbara and Connecticut College. He is also the author of “Durkheim and the Jews of France,” also published by the University of Chicago Press.

“The Biology of Science Fiction Cinema” by Mark C. Glassy (’78 Ph.D.)

Science fiction films of the 1930s and 1940s were often set in dark laboratories that had strange looking glass containers with bubbling fluids and mad scientists conducting glandular and hormonal experiments. In the 1950s, films were more focused on radiation-induced mutations. The 1960s and 1970s brought more sophisticated biological sciences to the movies and focused on such relatively new concepts as immunology, cyrobiology and biochemistry. In the 1980s and 1990s, the focus of science fiction films has been DNA.

This work of film criticism relates 71 science fiction films to the biological sciences. The author covers cell biology, pharmacology, endocrinology, hematolgy, and entomology, to name just a few topics.

An analysis of each film includes a brief plot synopsis, the author’s favorite quotations, the biological principles involved, the accuracy of the laboratory and correct and incorrect biological information. In his analyses, the author sets out what would be required to achieve in real life the results seen in the movies and whether these experiments or events could actually happen.

“Planning for Integrated Systems and Technologies: A How-To-Do-It Manual for Librarians” by John M. Cohn, Ann L. Kelsey (’68), and Keith Michael

“Planning for Integrated Systems and Technologies” is a practical guide meant to assist librarians in planning for today’s technological environment – everything from assessing infrastructure to migrating to new systems. The guide is intended for medium and small libraries of all types.

Whether installing a system for the first time or replacing one, the book contains information and techniques for assessing, acquiring, using, and maintaining an automated library system. A step-by-step section on selection and implementation covers everything from preparing RFPs and evaluating vendor proposals to negotiating contracts, testing, and training.

Ann L. Kelsey, a founding partner of DocuMentors, has been associate director of the Learning Resource Center, County College of Morris, since 1983. She has held staff and management positions at public libraries in New York and New Jersey, and has consulted for special libraries in pharmaceutical and chemical companies in New Jersey since 1978.
“Cochlear Implants in Children: Ethics and Choice”
by John B. Christiansen ('76, Ph.D.) and Irene W. Leigh.

A cochlear implant is a relatively new technology that enables many deaf and hard of hearing people to perceive sounds, including speech. The implant is also somewhat controversial, particularly for deaf children. Written for the general reader, “Cochlear Implants in Children” addresses every facet of the ongoing controversy about implanting children as young as 12 months old (and, in some cases, even younger).

Using data from a nationwide survey, interviews with dozens of parents, and published literature, the authors, along with two contributors, discuss a number of issues concerning deaf children and cochlear implants, including: the history of cochlear implants and how they work; how parents, particularly for children, and the book discusses how the views of many people in the deaf community have changed over the years. The book also examines some of the ethics of implanting young deaf children without their consent, and it makes recommendations for parents and professionals.

John B. Christiansen is a professor of sociology at Gallaudet University in Washington, D.C.

“Outer Perimeter”
by Ken Goddard ('68)

A man of reason and science, Colin Cellars has earned a reputation as a top crime scene investigator. But Cellars finds himself disgraced because of a bizarre episode that led to a horrifying shoot-out right in front of his eyes. And what Cellars thinks he knows about the victim's identity — and about her death — has plunged him into a deadly search for a killer who may or may not be quite of this world.

Meanwhile, as Cellars investigates a case involving dozens of missing victims, he realizes that the three people he trusts most each hold a piece of the puzzle — and that they have their own ideas about what to do with the information. Soon Cellars finds himself on a chilling and unforgettable voyage, one that takes readers through tunnels of violence and intrigue — and out into the unknown.

Ken Goddard is the author of seven previous novels. He has served as a criminalist in three California police and sheriff's departments and as an instructor in crime scene investigation and forensic techniques in law enforcement academies. He lives in Ashland, Oregon, where he is currently director of the National Fish and Wildlife Forensics Laboratory, the only full-service wildlife crime laboratory in the world.

“The Cultivation of Body and Mind in Nineteenth-Century American Delsartism”
by Nancy Lee Chalfa Ruyter ('64)

In 19th-century America, there were various movements to battle limitations on women's freedom and opportunities. An important element in this direction was the American Delsarte system, which furthered women's physical education, non-transgressive performance possibilities, clothing reform and agency.

This book is an historical and analytical study of the American adaptation of the theory and practice of François Delsarte (1811-71), a French teacher of acting, singing, and aesthetics who had developed a theory of expression that he believed was relevant to all the arts. The book provides biographical chapters on Delsarte and his followers.

Nancy Lee Chalfa Ruyter is professor of dance at UC Irvine where she has been on the faculty since 1982. She received her B.A. degree in History from UC Riverside in 1964, and her Ph.D. in History from Claremont Graduate School.

“Choosing the Right Stuff: The Psychological Selection of Astronauts and Cosmonauts”
by Patricia A. Santy ('71)

For the first time, the history of the psychological and psychiatric evaluation of astronaut and cosmonaut candidates is detailed. The general public and many professionals assume that psychological issues have been and will be extremely important factors in successful space exploration.

This book, however, documents how NASA under-utilized, downplayed, then ultimately ignored psychiatric and psychological characteristics in selecting astronauts until very recently.

The book represents the accumulated work of many people over a period of 30 years of space exploration. It covers material that is not a well-known part of that history.

Patricia A. Santy was formerly a Medical Officer at NASA Johnson Space Center and was the crew surgeon for a number of shuttle missions, including Challenger.
By ROSS FRENCH

At its best, collegiate athletics road trip can be something like a stereotypical family vacation that has grown completely out of hand. In the case of men’s basketball, you take 13 young men, a quartet of coaches, a trainer and me, the sports information director, put them on the road and the trip can quickly become something that resembles a Chevy Chase vacation film.

This is the story of one such road trip, a travel journal of sorts, as the UC Riverside Men’s Basketball team traveled to Moscow, Idaho, and Logan, Utah, to face the University of Idaho and Utah State in a pair of Big West Conference games. The trip was one of the most logistically difficult ones that the team would face, involving multiple plane flights, van rentals, games in two different states two days apart, and with the extra challenge of having to fly through Salt Lake City during the midst of the 2002 Winter Olympics.

Wednesday, 9 a.m. – in the Big Blue Bus on Canyon Crest Drive

Trips are always planned in advance, and very little is left to chance. This particular road trip would have the Highlanders leaving campus at 9 a.m., drive to LAX, leaving on an Alaskan Airlines flight to Seattle, then meeting a connecting flight that would take us to Spokane, where we would pick up four mini vans and drive the hour or so to Moscow, Idaho. The itinerary had been put to bed in early December. No problem.

Except for the fact that a quick phone call from one of the assistant coaches to check if our flight’s departure was delayed revealed that it instead had been pushed up. Rather than departing at noon, it left at 9 a.m. This was news to us. It meant that the plane was leaving the ground in Los Angeles just as we were scheduled to pull away from the curb in Riverside.

At this point, Head Coach John Masi (’71) put on one of the multiple caps that a head coach must wear, that of travel agent. He walked in the parking lot, talking on his cell phone, working on a solution to the problem. A few minutes later he returned to the bus, smiling slyly and announced that we had a “blessing in disguise,” particularly appropriate on Ash Wednesday.

A helpful Alaska Airlines representative had managed to schedule us on a flight leaving at 11:40 a.m. out of nearby Ontario Airport. The kicker is that the flight would get us into Spokane about an hour earlier than our original itinerary.

11:30 a.m. – Ontario International Airport

We made our connection with no problem, overcame a quick ticketing issue, and dealt with the sound of crying children and a guy in seat 23A whose snoring from before takeoff until just before landing causes several passengers to wish they had brought Breathe Right® nasal
strips for him or ear plugs for themselves.

Getting our vans was simple, but once we got on the road we hit a bit of a hiccup. Heading into downtown Spokane, we come upon an exit for Ritzville, Washington, and watch as the lead van peals away and heads south. Meanwhile, the second van stayed the course towards downtown Spokane.

Sitting in the third van, we are at a loss as to what to do. A quick decision keeps us going towards Spokane. A few miles later we have a similar problem, as the lead van veers south down another exit. We miss the sign, the other van does not, and the three of us split in different directions like the Blue Angels at an airshow.

A couple of quick cell phone calls remedy the problem and get us going on the right road. All this in just about an hour.

Thursday, 12 p.m. – Moscow

A shoot-around is the last game-day opportunity for a coach to run through offensive and defensive sets and to give his players an idea of what they might face that night. The players will generally stretch for a few minutes, then run some set plays and refresh their memories regarding the scouting report that the coaches have carefully put together. Afterwards there is generally a period of open shooting. All this in just about an hour.

Today's shoot-around will be held at the home court of the University of Idaho Vandals, a monstrous building known as the Kibbie Dome. Its size makes it a tourist attraction, like the biggest ball of twine in Minnesota that you might detour to see on a cross-country drive.

From the outside it resembles an oversized blimp hanger. Inside, the dome is a vast space, capable of hosting a football game, or on this day, a basketball shoot-around in a somewhat makeshift arena that rests on what would be the 50-yard-line of the field had the AstroTurf® been laid down, as well as soccer practice, a group of guys playing over the line, and a few runners circling the synthetic track painted on the floor.

The massive structure is a necessity in Idaho as the biting cold outside would make normal practices almost an impossibility. The fact that a 4,000-seat basketball arena sits in the middle of the building somehow doesn't seem odd at all.

Still, the shoot-around is an odd experience, as the Highlanders get accustomed to the shooting background and lighting. There is nothing like this building anywhere near Riverside.

Thursday, 3 p.m.

A few hours before game time the team gathers together...
for a meal. The players are usually given the option of what restaurant they want to eat at, but their sense of culinary adventure is somewhat limited. Odds are that if there is an Applebee's franchise nearby, they will be there. The players know what they like, and they seem to like Applebee's.

Bringing a group of 15-or-so young men, most of whom are wearing identical Adidas warm-ups, into a restaurant always evokes stares, but the players mostly seem flattered by the attention. They strike up conversations with the wait staff, sometimes inviting them to the game later that evening.

**Thursday, 7 p.m.**

Game-time, and the Highlanders are having a good night. Everything is clicking for the squad, even from the free throw line, which had been a bug-a-boo for the squad this season. UCR nails a season-high 86.4% of their free throws and cruises to their second consecutive win, 67-56. The headline on the UCR Web site reads "Highlanders Show Heart on Valentine's Day in Win over Vandals".

**Friday, 9:45 p.m.**

Most fans don't see the flurry of activity that takes place after a college basketball game. As fans walk to their cars, sports information directors (SIDs) and media race into action to report the score and results across the nation. While writers pound stories into the laptop computers and transmit the stories to their papers, sports information directors begin the process of writing game stories, printing statistics and results.

Visiting SIDs will sometimes pound out an update to their Web site, then run a technology gauntlet in attempt to upload it. On this night, the technology gods are not smiling, and the update takes longer than usual.

Meanwhile, Masi and his players are on their way out of the building, en route to McDonald's for a post-game meal. They are pounding down their Big Macs and fries when one of the players asks, "Where's Ross?" A van is dispatched back to the Kibbie Dome to locate me, and we soon hit the road to Spokane.

**Friday, 7 a.m. – Spokane, Washington**

A late check-in at the Spokane Airport Hotel was followed by an early morning wake-up call and a short drive over to the airport. This flight was a breeze compared to our first flight, the only major mishap being a few drops of tomato juice poured on the back of a sleeping freshman guard Rickey Porter.

Later, however, we would discover that in the rush to get out of the Spokane Airport Hotel, athletic trainer Bill Brewer had left his sport coat and dress shoes in the hotel.

**Friday, 1 p.m. – Salt Lake City, Utah**

We have just descended into the center of the world's collective attention – Salt Lake City, Utah, the home of the 2002 Winter Olympics. Whereas most airports that we have visited post September 11 have been largely empty, the Salt Lake City Airport is a sea of humanity.

Thousands of tourists, athletes and average travelers are coming and going on their daily routine. The typical sounds are amplified and the sounds of dozens of languages punctuate the air. We see warm up gear from countries such as Sweden, Norway and Italy. We fit right in wearing our matching blue Adidas warmups.

In fact, we fit in to the point that passers-by begin asking us where we are from. Soon, players are responding that they are members of the South African hockey team. Strangely, no one questions these statements, and we walk to get our bags.

The throngs of people we face down the hill is a sight to be seen, with some catching air off of moguls and narrowly avoiding obstacles. Senior forward Lloyd Cook took the opportunity and the kindness of strangers to attempt some snowboarding. It proves to be much more difficult than the video game that members of the team had been playing at home.

After 45 minutes, the team comes back laughing and smiling. The only injury turned out to be Murphy himself, who smashed his head solidly after catching air off a bump. According to witnesses, his trip down the hill is a medal-worthy performance.

**Friday, 5:30 p.m. – Logan, Utah**

Coaches generally prefer to hold practice in the same facility where they will play the game, but a Utah State gymnastics match in their arena makes that impossible. We instead hold practice in the school's recreation center, booting out a group of students playing pick-up ball.

This practice takes a turn for me personally as Masi asks me to participate in practice for a few minutes as the team walked through the offensive plays that the Aggies were likely to run the following night. My call came because back-up center Mike Zepeda had recently suffered a knee injury and was not making the trip, leaving the team with just three legitimate post players.

At 6-6, I was the closest thing to an extra post player that they had, and though I enjoy playing pickup basketball regularly, any resemblance to the Utah State post players that I was imitating ended at my height.

Still, this is one of the most fun experiences of my career, as for 10 minutes I set screens and run through picks set by Division I players like Morton and junior forward John Galbreath. Assistant Coach Reggie Howard ('91) walks up to me at one point during the practice and says, smiling, "Enjoy this, this will be the extent of your college basketball playing career." The best part of the evening came when I threw a pass out of a double team and heard a player say "Nice pass!"

A few minutes after practice ends the team reconvenes for a trip to Tony Roma's for a nice sit-down meal. The team is relaxed and at ease prior to their game with the Aggies.

**Saturday, 10 a.m.**

Game days can be dull at best, as you sit and wait for your game time to arrive. However, with Brewer needing a new pair of dress shoes to replace the ones that were left in the Spokane Hotel, we are able to borrow one of our vans and cruise to downtown Logan.

The players, at the same time, pass the day doing various things.
Some listen to music, others play video games, and some just watch television. At some point all of them spend at least some time hitting the books, necessarily keeping up their studies while far from home.

A mid-day shoot-around marks our first trip to the Dee Glen Smith Spectrum, where the game will be played. It is a typical basketball venue, unremarkable save for the large vents that line the area along courtside, behind the bench area. The vents became famous several years before when pranksters placed a paint bomb behind the visiting bench and detonated it during a game against UNLV, dousing then-coach Jerry Tarkanian and several members of his team in paint.

The shoot-around is routine. As the players shoot, Brewer and I spend time repairing a broken drawerstring in the game shorts of forward Aaron Hands and chatting with Riverside Press-Enterprise beat writer Jim Alexander, who visits almost every practice on the road. Relaxing and watching practice is the preferred activity during a shoot-around, though all too often they are spent rushing to visiting SID’s offices to print out game notes and stats, make copies and make phone calls.

Saturday, 3 p.m.

Logan apparently doesn’t have an Applebees, but we head out for the next best thing in the eyes of the players, that is the “All You Can Eat” Soup and Salad Bar at Sizzler. We take over a back room and indulge in the feast.

Sizzler. We take over a back room and indulges in the feast.

and an entrée that he would eat at some point later in the evening following the game.

The university subsidizes the meals for the student-athletes on road trips, but that does not mean that they have carte blanche for extravagant meals. The student-athletes are given a total of $21 per day in per diem to cover, in theory, three meals. Everybody uses his money differently. Some save to buy one large meal once a day, while others and an entrée that he would eat at some point later in the evening following the game.

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Sunday, 9:30 a.m. – Salt Lake City Airport

A 7 a.m. wake up call allowed us to hit the hotel buffet for breakfast, and we are on the road in our mini-vans heading back south to Salt Lake City by 8 a.m. to catch our 11:40 a.m. flight. We drop off the vans with no problem, but upon entering the terminal to check in, things look very, very bleak.

The line for Delta check-in extends in a serpentine line from the desk, across the length of the lobby, all the way down to the end of bagage claim, then loops back upon itself three times. The lines that we had seen upon entering town were tiny in comparison.

We are told the wait is, by a conservative estimate, three hours. Brewer and I wait in the line, holding the places of the 17 others in our group who have now scattered to quiet corners of the building and are on cell phones, reading books, etc.

Sunday, 10 a.m.

We are in trouble. In a half hour we have barely gone through one leg of the line. Masi comes to our spot in the line and then goes off in hopes of finding a better solution for checking in our group. He returns shortly and tells us, “There is no way we are getting on our plane. I am going to go look into renting vans.”

This is the last thing that any traveler wants to hear, that his 90-minute plane flight has just been changed to a nine-hour drive, but it seems to be the only option left to get us out of town before an onrushing snowstorm hits.

Resigned to spending several hours in a cramped van, Brewer and I hold our place in line, hoping for a miracle.

Ten minutes later

Brewer gets a phone call from Assistant Coach Reggie Howard. Masi is in the midst of renting two 15-passengers vans at a price likely to rival the gross national product of Bolivia for the one-way trip to Southern California. Our fate is sealed. So much for spending Sunday afternoon at home.

Then a voice. Not from above, but from the lady standing in line behind us who has a sympathetic ear to our plight.

“She don’t you just put all your baggage in one of the vans and have somebody drive it back to California, then the rest of you can take your carry-on luggage onto the plane?” she asks.

Brewer and I look at each other, eyes wide with excitement over the potential of release from the vans. “You think coach will go for that?” Brewer asks.

“Can’t hurt to try,” I reply.

Brewer gets on his cell phone and calls Howard, who relays the idea to Masi. A few minutes later we get the call back to bring our luggage down to the rental area and then to go through security to get on our plane. We have been released from our potential prison.

Masi and Assistant Coach Darren French are the two who volunteer to “take one for the team” and drive the gear back to Southern California. They are on the road shortly after we head up to make our way through security.

The 18 of us who are left make our way through security to the gate to check in for the flight. With boarding pass in hand, we walk on board our Delta flight with everything we can legally carry, happy in the knowledge that our travel nightmare is behind us.

Epilogue

We arrive at Ontario Airport and walk to the bus loading area to find our ride back to campus. We get back on campus about 1 p.m.

Coaches Masi and French make great time driving back from Salt Lake City, pulling into Riverside about 8 p.m. Only a traffic jam outside Las Vegas kept them from making record time.

We didn’t know it at the time, but the win at Idaho was to be the last of the season for the Highlanders, as UCR would go 0-4 the rest of the way. Following the season, Morton was named Big West Defensive Player of the Year and Second Team All-Big West, while Porter was named to the All-Freshman Team.

“This flight was a breeze compared to our first flight, the only major mishap being a few drops of tomato juice poured on the back of a sleeping freshman guard Rickey Porter.”
I now count among my acquaintances President Bush, Secretary of State Colin Powell and Senator Ted Kennedy.

It felt like so long ago when I left Riverside, fearful of leaving my family and friends, fearful of breaking away from the safe bubble that protected me. I was headed to the University of California Washington Center Program.

The program enables students from all the UC campuses to participate in an experiential learning opportunity in the nation’s capitol. During the three-month stay, students live in a beautiful and recently built center, directed by former UC Davis political science department chairman Larry Berman.

There are more than 250 students, faculty and staff in the building, which has classrooms, living space for students and offices for UC’s Washington governmental affairs staff.

All the students have internships — working in congressional offices, at the White House, for non-profit organizations and a variety of government agencies, associations and organizations. I was an intern at the House of Representatives Budget Committee where I was always given the chance to express myself and my thoughts geared towards the betterment of the committee.

On a typical weekday I would arise at 7 a.m. to get ready, always dressed in my business suits. I would walk to the Metro, a couple blocks away, to ride to the House. I was an intern, or as I like to refer to myself, a “staff assistant.”

To understand my job it is important to understand a little about the Budget Committee. It is composed of not only 42 members, but also many staff working to analyze each portion of the budget, deciding how much money should be spent in different areas. The staff is the backbone of the entire operation, constantly working, sometimes on weekends, and always into the night hours, researching, and speaking with organizations that want support for their projected budget requests.

I always arrived at the office at 8:45 a.m. I set out the newspapers, put mail in boxes and turned on the phones. I “opened up shop.”

I felt that I gained a lot of trust and confidence with the full-time employees. My days were spent doing anything and everything. I typically would do most of the proofreading of appropriate information prior to a Budget
Committee hearing and most of the compiled hearing packets of hearings heard at an earlier date. I also spent time working with the Chief of Staff’s secretary, as well as doing occasional research for the analysts. I was among intelligent and friendly people, who became my friends. Another intern and I would frequently attend luncheons concerning political issues, soaking up as much knowledge as we could gain (and getting free lunch).

During my very first week, I attended the President’s speech about his education bill at the Daughters of the American Revolution Building. We sat in the first row among the congressmen. I was able to go into the backroom to meet and take pictures with Ted Kennedy. Following the speech, we met and wrapped arm and arm with the President as we were photographed.

During my second to last week at work, I met Colin Powell at the last hearing I attended. In addition to the internships, students attend research seminars, as well as take elective courses on such topics as health and education policy, designing institutional web sites and politics and the media. The program offers small class sizes for upper division students and allows students, on-site at the center, in state-of-the-art seminar rooms, to receive instruction from professors at all of UC’s undergraduate campuses.

On the floors above the classroom apartments are the student apartments. Each furnished apartment has two bedrooms, housing four people. It was up to the four of us to not only get accustomed quickly to each other’s living habits, but also learn to truly live beyond the support and comfort our parents usually provide. It was our responsibility to buy our own groceries, cook for ourselves (although much of the time I preferred just eating out), and clean regularly, even when we would be exhausted from a long day’s work. And in the end it became a lesson for all of us to discover what personality traits we definitely couldn’t live with, what we could change about ourselves and what we couldn’t change.

Life did encompass my internship and research classes, but never detracted from my time to truly experience life in Washington D.C. – life as an East Coast girl! The Washington center provided organized trips to museums, historical sites, theaters, sporting events, cultural activities, area attractions and even trips to New York.

These events not only provided an opportunity to get the complete tour of Washington, but also gave us a chance to get to know other students from different UC campuses. Additionally, every Monday the director of the center arranged forums designed to engage students in dialogue with leading scholars, writers and congressional leaders in the nation’s capital.

Many of my weekends were spent visiting historical sites (my favorites visited multiple times), attending the planned trips (New York being my absolute favorite) or just gathering up new friends to plan our own nightly evenings to dance the night away.

During my last week in Washington D.C., I knew one of the best times in my life was slowly coming to a close, and I would begin a new chapter of my life.

Now, I look to what my future holds. I think I have found the city for me. I love being where it all happens, knowing the news before it is on television. I want to be a part of the creation of history made in Washington D.C.

But, I have also learned that although political life looks exquisite to the outside world life on the Hill involves constant work, a life without having one. Everyone, no matter what position they hold, from congressman to secretary, spends very long hours at work. For now, that is exactly what I want. I am young, ready for new challenges, I want to work and work hard.

Tiffany Karlin is a fourth-year student, majoring in Business Administration.

The University of California Washington Center
By TOM SCOTT

The first strike of the terciopelo hits my rubber boot just above the ankle.

As the motion registers in my brain, I jerk my left foot and the snake into the air. It falls away, striking my right foot.

So I repeat the process, jumping straight into the air. I’m safe for what seems like an eternity, but then my stomach tightens with the inevitable pull of gravity as the snake below regains its composure.

Fortunately, by the time I land, I’m neither prey nor predator to the snake, who retreats as I stumble backwards off the other side of the trail. Sitting in the undergrowth, I follow the first rule of field science, and look up and down the trail to make sure that no one has witnessed my stupidity.

Then I go into the next behavior of scientists who work alone in the field: I burst into laughter and reconstruct the event in a self-dialogue. The snake was only a harmless mimic of a deadly viper, my boots would have saved me had it been a terciopelo, and most important, I will leave the rainforest today with another field story to add to my collection.

There are probably only a total of 45 field stories in the world, but these themes are multiplied and enriched by location, timing, culture and those golden moments of escalation when stories are exchanged. No matter where I go or whom I meet, exchanged stories are the best antidote for xenophobia. Maybe it’s a guy thing, but shared stories give strangers a way of placing you into their social context. It’s a way of showing where you come from, what you want, and how you fit in their world.

Personally, I like the style of coyote (northern American) and Ananzi (African) folk stories. Both characters celebrate universal virtues like honesty, valor, trust, resolve, altruism, generosity, and hospitality, but in a backward way that always ends in laughter. This genre lets strangers explore shared values and even to claim them as personal goals, but with laughter and humility rather than puffery and boasting.

Earth Sciences professor reflects on his travels

Why field researchers wear rubber boots in the jungle
For example, I’m sitting with a farmer in the middle of a thorn- scrub woodland. It’s nightfall, and neither of us are going anywhere. So he tells me a story about a black mamba that chased his mother and then hid in their house. In the telling, he lets me know that family responsibilities are not to be denied, that he can be brave if necessary, but that he understands discretion even if he doesn’t always exercise it.

I am choking with laughter by the time he gets to the part in the story where his father momentarily blinds him with the dust from a shotgun blast as the mamba rears to strike him. The story is a real gift, and I follow with a snake story that I hope is good enough to return the favor.

Modern American (or at least Southern Californian) social encounters no longer require much connection among participants, and storytelling seems to be an art in decline. This leaves over half of humanity (who have never heard a dial tone, much less a pager) in awe of U.S. efficiency and the appalling inability of American travelers to greet and introduce ourselves to strangers. Thankfully, most local residents categorize Americans and (to be fair) most travelers as ingénues. In many ways we are.

I was with a group of scientists in Siberia, when the third vehicle in our convoy failed to show up. If you were alive in the 1960s, you may remember how frightened we were of the technologically powerful Soviet Union. Now, after the Afghan war and painful transitions of the 1980s, rural life in Russia was harsh by our standards.

After a week, a passenger from the third vehicle showed up at our camp. There had been an accident. One of our Russian colleagues was in a coma at a local hospital 400 kilometers away. The driver stayed with the vehicle, the least-injured person stayed to watch the coma victim, and the passenger with broken ribs, a mild concussion, and a badly sprained ankle had hitch-hiked to inform the rest of us of the situation. Neither the hospital nor our town had a place he could use.

It was a lesson in resolve that I will never forget. Perhaps more interesting, all the parties eventually recovered, and life proceeded without the information overload, product overkill and the just-in-time lifestyles of U.S. cities.

Conducting fieldwork in remote locations teaches scientists to scrounge (e.g., the inside of a banana peel will block a leaky gas tank). Watching these folks make the best of their resources becomes a source of inspiration and envy.

It always looks like you’re at the end of the earth when you truck breaks down, but in truth most of the world is pretty well trodden. Once a clutch cable broke on our truck in a back corner of Costa Rica, and we hadn’t seen any vehicles on the road.

So I scavenged a clamp from the engine and crawled under to attempt to splice the broken ends. Along came a truckload of workers who reveled in the distraction of a broken-down vehicle. It’s an inviolate rule on rural roads worldwide: you always stop and help others.

Even though I’m covered with mud, we don’t have to greet them and introduce ourselves. Our position in their world is obvious. I crudely explain that I can’t get enough slack to overlap the splice, and the workers explode out of the truck. A few minutes under the dash, and they get us all the cable we need. Then we banter about the best splice, and soon both vehicles are driving into the next town.

Now I fret about how to repay the favor, fertile ground for offending locals. Money, regardless of the amount, would question their character and lessen the status they will receive when they tell the story of the silly Norteamericanos they had to help. In the end my colleague wisely suggests that we donate a reasonable amount to the local school, which shows our gratitude and acknowledges the skill and status of the workers.

Personal safety has become a primary concern of U.S. citizens visiting foreign countries. I can’t imagine that anyone would consider me a viable target for terrorism. However, the redistribution of wealth is always an issue for the well-provisioned field scientist working in a developing country. We may be at greater risk, but first-person violent crime stories are still uncommon.

My solution to this risk was to take aikido classes at UCR. It didn’t turn me into a 6-week wonder of martial arts, but it really strengthened some essential behaviors of personal safety: awareness of surroundings and situations, perception of those around you, knowledge of limitations, calm, balance, body mechanics and the art of meeting strangers.

These behaviors protect a traveler by reducing the openings available to criminals; the physical part of the art becomes the very last line of defense. In the final assessment, however, safety experts suggest that the ability to gain acceptance in a foreign community is the primary means of maintaining personal safety.

It’s also one of the best ways to succeed in field studies, which often depend on local permits, logistics, knowledge and social mores. One safety expert told me that a picture of his extended family does more than most other protective devices – because it helps a community understand who he is by his kin. This leads to acceptance and ultimately protection. He should know – he was kidnapped while in the Peace Corps.

Even with greeting, stories, and the right attitude, acceptance is not a simple task – even in friendly communities where a linkage is pre-established. Take tropical biologists, a hospitable community of which my wife is a member. But she once tells me, when my foot began to hurt, “You don’t have a botfly.”

Her assessment is more than firm. It’s a signal that I haven’t earned this parasitic badge of distinction for tropical researchers. To make matters worse it’s on my foot, not my shoulder, arm, or head: way turista.

I speak of it only to the manager of the field station, who gives me the local remedy – topical insecticide for cattle. I’m not sure about this treatment so I hold off until the movement of the larva under my skin begins to drive me crazy.

I plead with my wife to reconsider her judgment, but she suggests that scratching a mosquito bite to the point of infection is childish. So I finally self-medicate when we get back to the U.S., dousing my tormentor with the poison. Bad mistake. Two days later I remove the botfly larva from a foot that I can barely get into a shoe. But I triumphantly ask my wife if we have any vials (I know we do) so that I can save my larva.

She disdains, “Everyone saves their first one.” Pride makes me flush it down the drain, creating frustration among campus entomologists who point out that the museum could have used the specimen.

But by now my foot looks like a papaya, which my friend Gwen Dixon immediately recognizes as massive infection. She demands that I go to my doctor. His receptionist immediately sends me to the emergency room, where all the doctors and staff want to see the foot and the larva.

I try to explain that my actions up to this point have been rational, but the context is gone. Thank goodness I’m back in Southern California, and I don’t have to explain myself to anyone.

Tom Scott is an adjunct assistant professor of Earth Sciences who makes frequent field trips to strange and wonderful places.
CE-CERT Studies
Air Quality in
India

“A 6-foot-3 American guy standing in a park holding a vacuum cleaner over his head tended to draw observers’
By JUDY CHAPPELL

David Cocker (’96) says it's lucky that not everything went according to plan on his team's recent trip to India.

The Bourns College of Engineering professor, his wife Kathy (’95), an assistant development engineer, and Aniket Sawant, a first-year Master of Science student in the Department of Chemical and Environmental Engineering, all work at CE-CERT, College of Engineering-Center for Environmental Research and Technology.

In March they traveled to New Delhi to begin the first steps in a project designed to develop control strategies for air quality in India, chosen for the study because of its huge population and its high level of pollution. The region is home to 14 million people.

The problem was that equipment shipped prior to their arrival got stuck in Indian customs where security is heightened because of terrorist threats. It also didn't help that their freight agent had neglected to include necessary documentation.

The objective was to get an overall picture of the city's air quality, monitor traffic flow and road networks and document the Indian government's existing pollution-abatement efforts. The focus was on determining the sources of fine particulate matter so prevalent in the city, causing poor visibility and health concerns.

Not all of the needed equipment had been shipped. When time grew short, some smaller items, including a global positioning system and some last-minute filters, ended up traveling in their luggage.

As the team sat in their hotel figuring out what they could do to fill the next ten days, they began to think of what they would need to replace the missing particulate matter sampler. They headed to the local bazaar, looking for an appliance shop that might have a device that could draw emissions through a filter.

After discarding the possibilities of an aquarium pump or a hair dryer, they inquired about a low-powered vacuum. The owner located a small one, designed to clean keyboards, in his storeroom. Bit by bit, shop by shop, they collected fittings, pieces of garden hoses and a funnel to hold a circular filter.

Back at the hotel, all the pieces were assembled, lacking only a piece to go between the filter and a tailpipe. Kathy grabbed a plastic water bottle, and Aniket cut off the top half with their only tool, a Swiss Army knife. Calling up room service, they requested a man with a drill. For a small tip, he obligingly made a round hole in the cap to let the air pass through. Everything was held together with epoxy.

Expenditures for the device totaled less than $30, and it ended up working just fine, capturing pollutants from ambient air and tailpipes.

David's attempts to sample the ambient air in open areas were somewhat complicated. “A 6-foot-3 American guy standing in a park holding a vacuum cleaner over his head tended to draw observers, many of whom were smoking.” Aniket remembered.

“India is a very, very busy place,” said David. “Traffic is slow-moving and chaotic, with people and animals wandering across the road. Double-decker buses, autorickshaws, scooters and homemade vehicles all crowd together, often jammed four abreast into one turn lane.”

Because two- and three-wheeled vehicles comprise the majority of New Delhi traffic, the team set out to collect emissions from scooters and gasoline-powered autorickshaws.

Anticipating a tough time in finding subjects, they were delighted when volunteers not only lined up to have their scooters tested, but invited friends who drove their vehicles for free testing. The newly made piece of equipment served the researchers well, allowing them to accumulate numerous source samples from a variety of vehicles.

Aniket's family lives in Mumbai (formerly Bombay), the business capital of India. His father, a vice president of Tata Consultancy Services (TCS), one of Asia’s largest software and services companies, received his M.S. degree from Ohio University. His mother is a research and development manager in the same company and holds a Ph.D. from the Indian Institute of Technology. Younger sister Kshitija is preparing to enter college to study psychology. They were able to organize a bit of sightseeing, since it was the Cockers' first trip to India.

“We arrived in India late at night,” said Kathy, recalling her first impressions of the country. “It was very humid, and we couldn't see much. But in the morning when we pulled back the curtains at our hotel, everything was completely different; a panoramic skyline, so many people, and brilliant colors everywhere.”

Aniket says he chose UCR for graduate studies after reading Bourns College of Engineering brochures and newsletters. Dean Satish Tripathi had brought them to TCS during a visit by UCR senior administrators, Riverside Mayor Ron Loveridge and city representatives to finalize arrangements for a TCS research laboratory near campus.

CE-CERT's research programs allowed him to combine his lifelong interest in cars with his undergraduate degree in chemical engineering from the University Institute of Chemical Technology in Mumbai.

The team's efforts to get their equipment released resulted in a bonus: while seeking assistance from 15 agencies and meeting more than 60 government, business and educational officials, they made many contacts and publicized their program. Offers of help will be useful for the next phase of the CE-CERT project, a more comprehensive study planned for the end of the year, which would incorporate contacts drawn from the large pool established on the first trip.

“We're all proud of what our team accomplished,” said Joseph Norbeck, director of CE-CERT. “Despite the challenges, the overall objectives of the study were met, and a strong foundation was built that will lead to future global collaborations for CE-CERT.”

A paper documenting their initial findings was recently presented to Ford Motor Company, principal sponsor of the pilot project, and the U.S. Environmental Protection Agency, which is now expressing a great deal of interest in the study.

India is just developing an awareness of its pollution problem. CE-CERT researchers, involved in similar research in Kenya and Chile, are eager to assist in India's initiative to improve air quality, and hope to bring representatives here to train them on new techniques and equipment for monitoring and modeling air quality, and how they can be adapted for conditions in another country.

Considering that India's population numbers more than 1 billion, CE-CERT's efforts will not only help solve the serious problem of air quality on a global scale, but will improve the health and quality of life for one sixth of the world's population.
It was a mystery, solved with the assistance of a hurricane.

The mystery: somewhere in Central America there was a source of glassy-blue jade, used extensively by the Olmec, a pre-Columbian people who were centered primarily in the eastern lowlands of what is now Mexico.

There was abundant evidence that Olmec artisans were able to fashion the dense stone into wondrous translucent objects, translucent enough in rare cases that it was possible to see images through the rock.

In the time before the Spaniards came, both blue and green jade were highly valued in Mesoamerica, more valuable even than gold. It was mined and sculpted from as early as 1500 BC until the Spanish conquest 3,000 years later.

But scientists were baffled about the source of the rock. As early as the 19th century jade seekers were trooping around Central America searching for the valuable material. Some scientists had theorized that the blue jade could not be found in Central America because the supply had been exhausted by miners thousands of years ago. Others had guessed that the mines had been hidden by the eruption of a volcano.

In recent years, expeditions sponsored by Harvard University’s Peabody Museum were unsuccessful until a series of events, starting in 1998 when Hurricane Mitch swept through the region, focused the search in eastern Guatemala.

Last year a team of scientists including Karl Taube, a UCR professor of archaeology, discovered a Rhode Island-sized area centered on the Motagua River. They uncovered huge veins of blue rock as long as 150

A sample of unpolished blue jade
feet and boulders the size of a bus containing jewelry-quality stone located in mountains on both sides of the river.

To reach one of the mountain sources the original miners may have used a long-hidden road, located at almost 6,000 feet above sea level. In some areas the scientists found traces of mining activity from millenia ago.

Taube said that the discovery adds new knowledge about the Olmec. Their influence was much more widely spread than had been believed. “The trade routes must have been much more extensive than we thought,” Taube said.

The Olmec dominated the area from about 1100 BC to 500 BC. The stone was fashioned into figurines, masks and jewelry, hallmarks of the first complex culture in Central America. “It was their trading material and a way of storing wealth,” Taube said.

“Jade items were important in economic exchange and had great symbolic meaning,” he said. “They symbolized maize, or corn, water, the world axis, the source of life, breath and wind.” Taube has written numerous studies about the Olmec and the later Maya cultures, including a volume concerning a major collection of Olmec art at Dumbarton Oaks in Washington, D.C.

The blue jade, formed deep within the Earth, had value as well to the Olmecs as a symbol of life itself. “It’s quite common to see human figures with jade beads floating in front of the face to indicate their life force,” he said.

Although today there is an active commercial market for green jade, Taube said there is no similar demand for blue jade, largely because there has not been a source known for the material in thousands of years. He is worried that commercial interests may damage the Guatemalan sites before archeologists have had a chance to fully examine the area.

“I’m concerned that the areas be well-documented before they are mined,” he said.
By LISA DUNLAP

Tamara Schiopu (’02 M.B.A.) said that her friends back home in Eastern Europe have distinct reactions about her plans to return as an entrepreneur.

“Some say, ‘You are going to start a business here? You’re crazy.’ Others call and say that they have started their own companies and I think, ‘See, it can be done,’” Schiopu graduated in June with an M.B.A. in corporate environmental management from the A. Gary Anderson Graduate School of Business. On top of her many academic honors, including earning a distinction on her master’s project and receiving the George Du Bois Memorial Award for academic excellence, she lays claim to another unique accomplishment: She is the first graduate from Moldova, a former Soviet Republic state sandwiched between Romania and the Ukraine.

Schiopu enrolled two years earlier as part of a University Extension program known as the UCR-Moldova State University Environmental Education Partnership (EEP).

“We are working to improve Moldova’s educational systems, primarily through the training of Moldovan faculty and students,” said Seymour Van Gundy, coordinator of the EEP. “We have emphasized environmental educational and research alliances in Russia and the newly formed independent states of the former Soviet Union, all of which are struggling to regain economic security following the collapse of the Communist system more than a decade ago.

Van Gundy was involved in a similar program with Puschino State University and Puschino Biological Research Center in Russia from 1992 to 1997. Moldovan students, including Schiopu, have been coming to UCR for about five years, initially as participants in 10-week research fellowships offered by the non-profit group International Research and Exchanges Board (IREX).

Van Gundy and Kindschy have requested continuation of the federal grant beyond its expiration in August. But even if the State Department does not provide financial support for the EEP, Van Gundy said that an alliance with Moldova would most likely continue through other avenues, given the accomplishments of the last three years. “This project has made a real difference,” he said. “Faculty in Moldova are able to take back what they learn and share it with others and improve their teaching. One woman faculty member wrote a pamphlet for her Moldovan students on employing modern molecular techniques in the laboratory after she came here and spent time in the lab of [Assistant Professor of Nematology] Isgouhi Kaloshian.”

All told, 27 Moldovan faculty and students have visited UCR, and 12 UC faculty and administrators have traveled overseas to give scientific presentations and explore research and educational needs in Moldova. The exchanges have led to such tangible results as the development of master’s programs in environmental sciences and molecular biology at Moldova State; the introduction of transfer credits for Moldovan students taking courses in the United States; and the development of joint research projects between UCR and Moldovan scientists.
Professor of Nematology James Baldwin has received a National Science Foundation grant to work with a Moldovan scientist on the evolution of feeding adaptations in nematodes, and Professor of Aquatic Toxicology Daniel Schlenk has partnered with a researcher at the Academy of Sciences of Moldova Institute of Zoology to conduct research on the biodiversity and water quality of Moldova’s Dniester River, a project funded by the U.S. Civilian Research and Development Foundation.

Of course, student exchanges are also tangible outcomes. Two Moldovan students enrolled in University Extension IEP programs have the option of transferring to UCR next year as they progress. Schiopu and her teenage son, who attends North High School in Riverside, plan to spend a couple of more years in the United States so that she can gain more business experience, but she said that she is eager to return to her home country and give back as a business owner and perhaps as an instructor of management courses.

“I have learned a great deal that I can take back with me, especially about current business trends, organizational culture and strategy,” she said.

“In Moldova, which does not have a long history of entrepreneurship, people do run businesses, but they are operating on a day-to-day basis just to make ends meet. Helping business owners become more strategic would benefit industry there a great deal.”

For now, she is focusing on landing a senior management job to add to a resume that already includes five years as a university teacher and four years as a manager of non-profit organizations.

“I’m not sure exactly what I’ll do,” Schiopu said. “It might be something involved with organic farming or water or waste management – anything that has to do with environmental management.”

Schiopu and the EEP project have arrived at crossroads together, but their journeys are in some ways just beginning.

“I just came back in May from two weeks in Moldova, and I met with government officials to discuss developing other collaborations,” said Van Gundy. “There are many opportunities for more exchanges. We can do a lot to help the region.”

Learn more @ www.ucrextension.net/ucr-msu
By KAREN BRADFORD

Students Siobhán and Louis Tuthill ('01) are so committed to learning that they were married in a UCR classroom, in Sproul Hall, to be exact.

Louis took a class there, and it had stairs for the bride to descend. The site was symbolic. They met in college, and both want to be professors. School is the focal point in their lives.

Two and a half years later, Louis is on his way to a Ph.D. in sociology, and Siobhán, 23, is on her way to study in Senegal for three months.

Why Senegal?

“My interest revolves around inequality, colonialism and power structures,” Siobhán said. “Africa is unique in that there are other places that have been colonized – the U.S., for example – but for some reason, Africa is still in the dregs. Why? It is very important to me.

“When you’re studying something like this,” she continued, “you can’t stay in your own country and read. You need to be there. You need to understand what it’s like. What are the people’s opinions of things? It’s important that you know that. Otherwise, anything you say is dictating without real understanding.”

With the help of a Rotary International Cultural Scholarship, Siobhán will spend three months in Senegal starting in September. The experience will help in her goals of a career in anthropology and international affairs, learning local and West African culture and studying French. She will also visit some of the area’s Rotary clubs to learn from the members’ perspective as local leaders and business owners. She will complete her degree in anthropology when she returns.

Life wasn’t fair, and some might say she got a raw deal, but nobody told Siobhán. Instead, she was loved dearly and encouraged by the grandparents who raised her and three younger half-sisters. She began to read at age two and graduated in the top five percent of her high school class. She is the first person in her family to finish high school.

However, it took two years of working – McDonald’s, Target and even teaching dancing at an Arthur Murray studio – before Siobhán persuaded herself that she needed more education. At her graduation from Chaffey College, the school administrators named her student of the year in political science and communication.

Siobhán has no way of knowing how her life will change by what she sees, feels and learns in Senegal. She is willing to welcome and accept change in herself, because change is what she sees the world as needing.

“I’ve met so many people who want to see something changed, but how do we create that change? You have to do what you’re suited for … that’s the decision that faces us.”

Getting ready to go

Anthropology student heading to Senegal

Siobhán and Louis Tuthill
By ROSS FRENCH

It seemed like an offer that Cheerleading Coach Tim Black ('92) couldn’t refuse. Director of Athletics Stan Morrison had just offered him the opportunity to take two assistants from his award-winning cheer team to Colima University in Southern Mexico to run a “small clinic” for Colima’s small but growing cheerleading program. In his free time he could spend some time at the beach, perhaps most famous as the white sand that Bo Derek ran along in the 1970s movie “10.”

The trip was part of an exchange program between the two universities, founded in part due to the friendship of Morrison and Antonio Torres Gil, a former Olympian who is a coach and instructor at the school.

Following a couple of hectic days of preparation, Black and his assistants, Liberal Studies graduate Becky Hartman ('01) and senior Bobbi Hernandez, departed for Mexico City on April 19 and then took a turbo prop to the small Colima

airport. The hotel restaurant stayed open late to accommodate them after the long trip.

“It was then that we learned that we were going to be the judges in the first-ever Mexico State Cheer Championships,” Black recalled.

There were some hurdles to overcome. For example, the judging sheets were written in Spanish, and few of the participants spoke English.

“It was a soccer-like atmosphere,” Black said. “It was covered on local television and by the newspapers, and the crowd was really into it. We were very moved by the passion that everybody had for the sport. We took the time to really enjoy the event and had a great time.”

Hartman said that it wasn’t too hard to overcome the language barrier. “We communicated a lot through touch, and a few of them knew enough English that we could get the point across,” she said. “We just would tell them something one time, and they were happy to do it.”

Hernandez, who spoke some Spanish, said that her language skills improved tremendously after two days of practice. Following a lunch, the judges were honored guests at a parade in celebration of the championships. But their work was not done. The following day the trio conducted a 12-hour clinic for 350 boys and girls.

“We had a little time to walk around our hotel, and the area was really pretty,” Hernandez said. “The people were very nice, very welcoming.”

Hartman was impressed with what the teams had accomplished without formal training. “Much of what they did were things that they had seen on television,” she said. “They did flips, everything. It was amazing the lengths that they went to.”

“It was a lot of work and we were exhausted at the end of the day, but it was a remarkable experience. Everybody was really into it,” Black said. “All three of us will be volunteering to go back in November.”

And what about that famous beach? Well, Black finally did see it, through the window as the turbo prop climbed out of the Colima Airport.
By RICARDO DURAN

The idea that studying abroad adds critical value to a college education has grown far beyond those studying international relations.

“In today’s world, with the growth of globalization, the study abroad experience is crucial to understanding and success in just about any field,” said Jerry Carlson, a professor emeritus of education and an ardent champion of the Education Abroad Program.

Study abroad helps hone the foreign language skills today’s professionals need, whether they be globe-trotting diplomats or U.S.-based primary and secondary teachers who help non-English speaking students become familiar with their lessons and classmates.

Study abroad builds the cultural understanding and perspective that helps anyone working with people from other parts of the globe understand the practices and prejudices they may encounter, he said. It also provides important personal insights and perspectives on one’s own culture and society.

His own involvement with international education is nearly as long as his professional career, spanning nearly three decades from 1966 until obtaining emeritus status in 1995.

“My family background and the fact that my wife is from Germany made international education kind of a natural thing with me,” he said. “Before I got involved in the Education Abroad Program, I taught in the psychology department, as an Alexander Von Humboldt scholar at the University of Trier,” Carlson said, remembering a two-year fellowship from 1974.

Carlson speaks German almost as well as a native and is moderately fluent in Swedish.

In the late 1980s he directed research into the effects of international studies programs on students from four U.S. universities who studied in the United Kingdom, Germany, France and Sweden. It was the first in-depth look at the effects of such programs on students’ cultural, linguistic and academic growth.

The studies found that students who go abroad:

- acquire foreign language skills unmatched by other programs;
- become more focused, confident and serious students;
- acquire an understanding, not only of foreign cultures, but of what shapes their view of the U.S.; become more open and flexible;
- gain personal and academic tools and insights that affect personal and professional choices and opportunities.

Carlson was an associate
director of the UC Study Center in Göttingen, West Germany from 1977 to 1979. He served as associate director of the systemwide Education Abroad Program from 1982 to 1987, in charge of research, academic personnel and faculty exchange projects. He was also faculty director of UCR's Education Abroad Program offices, located next to the Sweeney Art Gallery in the Watkins House, from 1987 until his retirement. He continued involvement with the program until 1999.

Carlson saw much of the growth of UC Riverside's involvement in the program, which began on the campus in 1963, two years after the Regents approved it.

“When I got involved, EAP was mostly focused on year-long programs in Europe. The one study center in Göttingen had about 70 or 80 students each year,” he said. “They did a year-long program with the first six weeks devoted solely to language acquisition. After that, they went on to do their regular coursework.”

In 2002-2003, EAP is expecting to serve more than 3,000 undergraduate, graduate and doctoral students who will study in one of 140 top universities in more than 30 countries worldwide while enrolled at UC. Students choose from summer, short-term or year-long programs.

Carlson’s view of the importance of studies abroad is shared at the highest levels in the UC system.

C. Judson King, provost and senior vice president of academic affairs with the UC, said, “International education has become a necessity because of globalization and the interconnectedness of our world. It’s an issue of practicality. Anyone in leadership needs an international understanding, and now that corporations have all gone international, it’s a necessity for business as well.”

For Carlson, the double duty was an acknowledgement of his commitment to the value of studying abroad. In fact, he believes that if American higher education intends to remain globally competitive, it must incorporate studies abroad as part of its core curriculum for undergraduate students.

Learn more @
www.uoeap.ucsb.edu
internationalcenter.ucr.edu
Lexicographer

“LEXICOGRAPHER: A writer of dictionaries; a harmless drudge . . .” So states one of the most quoted definitions in one of the most famous dictionaries in the English language — the 1755 edition of A Dictionary of the English Language produced by the belletrist and legendary wit, Dr. Samuel Johnson.

Whereas comparable dictionaries for the French and Italian languages had been produced over decades by teams of scholars, Johnson produced his Dictionary almost single-handedly in less than ten years. As his self-deprecating take on his own profession shows, he frequently injected his serious definitions with irreverent qualifiers. Another much-quoted example of Johnson’s wry humor was his definition of oats as “A grain, which in England is generally given to horses, but in Scotland supports the people.”

While Johnson’s was not the first English-to-English dictionary ever produced, it was the first to illustrate the meanings of words using quotations from literature. Although eventually superseded by later works, it remained the model of a perfect dictionary for almost a century.

It remains of interest to students and scholars today not only as a landmark in the history of lexicography, but also as a monument to one of the most engaging minds of the eighteenth century. Special Collections in the Rivera Library is fortunate to have a copy of this two-volume work in its eighteenth-century binding. We invite you to come and see for yourself one of the pivotal works in the history of the English language.

-- Melissa Conway

In memoriam

Noel T. Keen, a distinguished professor of botany who earned many friends with his humble and folksy manner, died April 18 after a two-year battle with leukemia. He was 61.

Keen arrived at UC Riverside in 1968. He earned a stellar reputation with research that examines how plants recognize disease agents or pests, a trait that can be implanted in other crop varieties to boost food supplies. In 1997, he was elected into the prestigious National Academy of Sciences.

On a mural of campus history, a picture of Keen in a white lab coat is next to a corkscrew-shaped bacterial enzyme he discovered with former UCR biochemists Fran Jurnak and Marilyn D. Yoder (’88 Ph.D.). The new variety of protein is responsible for rot in potatoes, tomatoes, apples and tropical plants.

A native of Marshalltown, Iowa, Keen earned his degrees in botany and plant pathology at Iowa State University, with a Ph.D. from the University of Wisconsin.

He held the Johnson Endowed Chair in Molecular Biology; served as chair of the Department of Plant Pathology from 1983 to 1989; and, served on the editorial boards of several scientific journals. At the time of his death, Keen was serving as President of the American Phytopathological Society, an international scientific organization devoted to the study of plant diseases and their control.

Keen was the 1996 Faculty Research Lecturer, the highest honor granted by the campus for research. He has more than 170 technical publications, a string of honorary titles and a legacy of training accomplished graduate students, and even high school students.

Robert Horsch, (’74, ’79 Ph.D.), credited Keen with sparking his interest in science during a high school internship. Horsch later won the National Medal of Technology as a top scientist at Monsanto.

“Keen was a good mentor, more than any other person, who taught me what the scientific process is,” Horsch said at the time of his award in 1999.

Most recently Keen has been a leading figure in efforts to connect UCR with industry. He also served on the committee to advise the UC president on the selection of the new chancellor, France Córdova.

He is survived by his wife, Diane (’85), head of Access Services in the science library. In lieu of flowers, the family requests donations to the Noel T. Keen Memorial Fund, care of the UCR Foundation.

Sarah Wall was a “hidden child” during World War II and felt that her life had to prove worthy of those who risked themselves to save her. She dedicated herself to helping family, friends, colleagues, and students to do more and do it better. Those who knew her knew it was difficult to say “no.”

In 1990, Sarah Wall created the Victoria Re-entry Scholarship to honor the Polish woman who hid her—her nanny Wiktoria Rodziewicz. The Victoria Scholarship helps students who return to higher education later in life to pursue their academic goals.

Sarah Wall passed away on May 25, following a 20-year battle with cancer, leaving behind her husband, Irwin Wall, Professor Emeritus of History, and a daughter, Alix Wall, a journalist in San Francisco.

Wall spent more than 24 years working at the Learning Center before her retirement in June 2000. It represented her abiding values — education as the key to a bright future; help and encourage to others to succeed; never stop challenging yourself to do more and do it better. She nurtured its staff, tutors, and students who took advantage of its services. She was a force in establishing its new and permanent home.

To give something back to UCR and the Learning Center, Wall made a gift of $15,000, ten days before she died, to create the Sarah Wall Fund for the Learning Center to support staff development.

Should you wish to make a gift in memory of Sarah Wall to the Victoria Re-entry Scholarship or the Sarah Wall Fund for the Learning Center, please make your check to the UC Riverside Foundation, indicate fund name in memo, and send to UCR Foundation, 252 A Highlander Hall, University of California, Riverside, CA 92521.
Public art

It all started at UC San Diego with the **Sun God** by artist Niki de Saint Phalle, the first piece commissioned for the Stuart Collection of Site-Specific Sculpture at UC San Diego in 1983. Now it is UCR's turn to make the campus a stimulating and aesthetic garden for all who live, work and visit here.

In fall 1999 UCR established a Public Art Committee (PAC). The committee reviewed policies for public art at various university campuses and, based on those examples, wrote and adopted a Mission Statement and Public Art Policy in December 1999.

In May 2001 the PAC hosted a one-day symposium on public art intended to educate the campus, the community, and those interested in the UC system, about contemporary public art. It brought together experts in the field of Public Art from the UC system and elsewhere.

At the Symposium, David H. Warren, Executive Vice Chancellor, announced that the campus would commit $50,000 per year for ten years to the Public Art Program, with the challenge that campus support for the program be matched 2:1 through external funding.

Now the Public Art Committee wants to inform everyone about the possibility for Public Art at UCR. An excellent first piece exists already in the Highway 60 overpass on University Avenue. The Gateway Mural was completed in 2001, funded by the City of Riverside and the Gluck Foundation.

In the mural, John Werhle, a nationally know artist, depicted the history of UCR on one side of the street as well as of the history of the city on the other side. The commission resulted from a yearlong search by a campus-city committee for an artist. Today the mural functions as a welcoming portal that softens the impact of the freeway that bisects the growing campus.

When the committee identifies matching funding, it will assemble a national panel of artists and curators to recommend artists who will be invited to submit proposals for a major piece of public art.

### Fundraising for Education Abroad

As the number of UC students studying abroad increases, two administrators in Riverside are working to increase the scholarship endowment to help more UCR students take part.

Despite the concerns raised by the events of September 11, UC's Education Abroad Program is expecting a 20 percent increase in enrollment during the coming school year. An estimated total of 3,400 students will be heading out of California.

More than 50 percent are expected to travel to Europe, including more than 500 to Spain and more than 400 to the United Kingdom. Other popular destinations are China and Japan.

Of all the campuses, UCR sends the fewest students abroad to study. While the program provides an excellent academic opportunity, most cannot afford to participate. The costs to travel abroad include airfare, living expenses, and academic enrichment programs while abroad (including intensive language instruction).

Many students work part-time in order to cover their educational expenses in Riverside and cannot afford to give up jobs and lose that income.

Patricia O'Brien, the dean of the College of Humanities, Arts, and Social Sciences, and Diane Elton, the director of the International Services Center, are working together to increase the scholarship endowment. The majority of the students who study abroad have majors in CHASS.

“Students we interview sometimes work 25-30 hours a week or hold three part-time jobs in anticipation of being away from their income stream, just to gain what is now a vital part of preparation for the future job market: experience overseas,” Elton explained.

She said that every year qualified and interested students decide not to go abroad for financial reasons.

The goal is to increase the scholarship endowment to allow EAP to offer a minimum of $1,000 scholarships to students in need who want to participate. This, at least, will cover airfare, and perhaps some living expenses. Both Elton and O’Brien believe that the optimal scholarship level should be $2,500 for students in need.

For information about supporting the Education Abroad Program, or any aspect of charitable giving, contact Amy Smith, Director of Development, College of Humanities, Arts, and Social Sciences at 909-787-2443 or amy.smith@ucr.edu

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**The Sun God at UC San Diego**

A bear statue now stands in the lobby of the Physical Education Building. Mike Miller and his wife, Susan, donated it. Mike Miller is the Assistant Vice Chancellor, Facilities.
By KAREN RAPP

With 21 artists in the 2002 Senior Thesis exhibition, the UCR Sweeney Art Gallery set a record for participation. As the Arts Building marks its one-year anniversary, it is still the most visible sign of growth in the arts at UCR, but the rapidly expanding Senior Thesis exhibition also confirms an increasing and exciting presence of the arts on our campus.

2002 Senior Thesis

Kelly Gregory

Kelly Gregory is a native of Southern California and earned her degree in Studio Art with a minor in Art History. While the incorporation of botanical elements in her artwork is likely influenced by her early studies as a biology major, Kelly’s “Motherboard” project consists of patterns with meaning that extend beyond the decorative. The “Motherboard” project cleverly addresses how technology, represented by the rational and slick aesthetic of the computer, has been strongly associated with a “man’s world.” Kelly first dissembles the hard drive of a computer whose parts she admires for their intricate, delicate patterns, and then paints and presents the individual pieces. She transforms the rigid, small, and impersonal gadgetry into something she describes as, “inviting and pretty, with a homey feeling.”

It is the term itself, “motherboard,” that fascinates the artist most. Just as the motherboard of a computer controls the entire machine, this centralizing metaphor also applies to the function or role of the mother in a family, the organizer, the hub, the one who puts it all together.

As a tribute to all mothers (her own mother is the visual focus of the piece), Kelly projects feminine form and function onto the computer, “a cold and heartless machine that we all love to hate.”

Susy Allen

Susy Allen was born in China and moved to California at age 9 with her family. She entered UCR as a mechanical engineering major, but left to earn a credential in Computer Aided Drafting. After a couple of years working as a drafter, she re-enrolled at UCR as an art major and earned her degree in Studio Art. Susy runs a photography business.

Her Senior Thesis project is called, “Farmer’s Daughter,” a title that is both deceptive and revealing. Playing first with stereotypes of a farmer’s daughter, the artist deliberately misleads, perhaps hoping to conjure up the image of a pig-tailed, dirndl-clad, Germanic–descendent in a pastoral setting. While initially eliciting a clichéd response, “Farmer’s Daughter” is a personal narrative that discloses the experience of this artist: being a farmer’s daughter who copes with shifts or changes from the older ways of doing things, living through generational conflicts and breaks with tradition.

In Susy’s case, as the daughter of Chinese immigrants, she explores differences between the experience of her Chinese parents living in the United States and her own as a first-generation Chinese American. Ranging from formal portraits to descriptive images, the artist’s vivid color photographs can be read as tender and sentimental. This series has provided Susy the opportunity to explore her personal issues of familial expectations through the process of making art.
Francis Huang was five years old when he moved from Taiwan to the United States, and settled with his family in California. He attended the prestigious San Francisco School of the Arts High School (SOTA), where he excelled in music and drawing. After spending three years as a Computer Science major at UCR, Francis switched to Studio Art.

The conceptual work in Francis’ Senior Thesis project is derived from his interest in computer programs, specifically in the interplay between logical systems, random forces and emotional bonds. Simply put, a computer program relies on a set of rules, or predictable outcomes, in order to create a solution to a problem. Francis chose a series of board games, like tic-tac-toe, to represent systematic logic, and chose as his opponent, Hammie, his pet dwarf hamster, to represent randomness and unpredictability. Since a hamster has no understanding of the “object of the game,” as understood by systems of logic, Hammie became the perfect partner of chance.

Francis constructed amusing scenarios in which Hammie could “play” games like Battleship and then videotaped the results. His method mimicked scientific research that is often conducted with animals. Rather than serving as a mere specimen, however, Hammie’s role in the project took on greater dimensions: Francis felt his emotional bond to his pet was strengthening, and vice versa. No longer a mere agent for generating data, Hammie became the inspiration for what Francis calls “hamster-centric ideas,” or projects which assign power to the most illogical of forces: a hamster-driven world.

Jessica Young is a native Californian who has lived in the Inland Empire since childhood. She entered UCR through the Summer Academy Program for Advanced High School Students and graduated with a double major in English and Studio Art. Jessica also worked in the Entomology department at UCR, where her laboratory training had an impact on her Senior Thesis project entitled “Identity.”

“Identity” is a massive collection of nonsensical bits of information “scientifically” compiled by the artist. Jessica wryly notes in her artist’s statement that after photographing all the insects at her disposal with a camera attached to a microscope, she turned the lens on herself. She figuratively examined and photographed herself under a microscope by mining all types of identification from her wallet, including all printed documents and records that pertained to her, complete with bar codes and account numbers.

The tiny images were digitized and mounted on glass slides and could be viewed under a microscope in a virtual interactive laboratory installed by the artist in the Gallery. Using scientific instrumentation to blur the boundary between art and science, Jessica’s investigation of identity interrogates the method by which we are all defined and quantified in the public realm. Indeed in a post-9/11 society, it is the much-debated identity card that will serve to immediately identify everyone. Jessica’s project spans a wide range of ideas, from the 19th-century fascination with classification, to pervasive contemporary problems of identity theft, to the pursuit of scientific research to locate the identity of an individual in their microscopic genetic material.
By CATHY GRAHAM

“While the French were giving the world the art of deep fat frying the British were contributing to parliamentary democracy.” —Calvin Trillin

For Professor John Phillips (1949-1998), Trillin’s quote succinctly summarized his belief of consequences of the British contribution to the world’s history and culture.

A recipient of the University’s Distinguished Teaching Award, Phillips was consistently ranked by his students as one of the most inspiring professors at UCR, where he spent his entire professional career as a British historian, bringing the past alive in lecture halls.

He served as assistant dean in the College of Humanities, Arts & Social Sciences and Chair of the Department of History. At the time of his death in 1998, he was associate director of the Center for Bibliographic Studies, in charge of the 18th Century Short Title Catalogue Project, a multi-million dollar international project aimed at recording all English language publications of the 1700s.

The 2001 John Phillips Scholarship recipient, Amos Tubbs (’99 M.A.), currently pursuing his Ph.D. in History, came to UCR to study under Phillips. During his year in the United Kingdom, he experienced all that Mrs. Phillips had envisioned: “To live abroad is to really realize how similar we all are, while being exposed to the sometimes alarming differences between cultures. It really is the only way to get to know another people. Living abroad not only opened my eyes to how others live, but it also forced me to reexamine my own notions about my own behavior and beliefs.”

Reflecting on his many conversations with his mentor, Tubbs said, “John once told me that I had to travel to England to understand the English. I...
Phyllis Kettler
"leaves a legacy"

Phyllis Staples Kettler is leaving her legacy at UC Riverside in more ways than one! As a founding staff member, Phyllis served from 1952-1964 as the first Personnel Officer at UCR. Gordon Watkins, the first Provost of UC Riverside, hired her. In addition to her stated duties, Watkins soon called upon her to establish the Student Placement Department. A few weeks later, he asked her to "take charge of housing on an interim basis." She agreed to both requests, of course, but when he asked her to fill in for the newly-hired Dean of Women, she exclaimed, "Oh, no, Dr. Watkins, I'd be a terrible Dean of Women." Fortunately for her, the new Dean of Women, Loda Mae Davis, arrived soon after and remained for the rest of her career.

Mrs. Kettler donated a bench in memory of her husband, Ray, in the Botanical Gardens and decided to include UCR in her will. When asked why, she replied, "I was privileged to work with Dr. Watkins and to share his vision of UCR's future." She added that her bequest is also in honor of Gordon Watkins. "I agree with the quote in The Watkins Society brochure, that UCR will always represent the 'lengthened shadow' of that very capable man." How appropriate that those who have remembered UCR in their will or living trust are members of The Watkins Society.

You too can "Leave a Legacy" and share Dr. Watkins’ vision by including UCR in your will or living trust. For more information on ways to give to UCR and a free brochure on the importance of beginning your planning with a will or living trust, contact:

Diane Miller, Executive Director
Office of Gift Planning,
University of California
257 Highlander Hall, Riverside,
CA 92521
909 787-6449
email: diane.miller@ucr.edu

took this as a given until I actually went there. After spending months in a country without the ability to build (or buy) a working flush toilet, I had a glimmer of understanding of them. "After not seeing the sun for the month of July, I had another clue. But when an Englishman took me to a cricket match and explained the rules of the game to me, I began to perceive what John meant. They were a people who learned games that had rules, but those rules allowed for lots of little nastiness. They were proud of their country, but wanted to leave it for a place where things worked and one saw the sun. At the same time, their humor, full of toilet references, is that much more funny because they seem to comprehend the ridiculousness of it all."

Phillips was a member of the editorial board of Parliamentary History and the author of two books, Electoral Behavior in Unreformed England: Plumpers, Splitters and Straights (Princeton, 1982) and The Great Reform Bill in the Boroughs (Oxford, 1992), and the editor of a third, Computing Parliamentary History (Edinburgh, 1994). Excerpts from his fourth book, Crushing the Close Corporations: the Politics of Municipal Reform, unfinished at the time of his death, will be forthcoming as articles.
By VANILYNNE GULLA

“We really do have kangaroos in our back yard.”

William H. Hanna (’75) has had the opportunity to grace several parts of the globe, from Colorado Springs to remote parts of Australia. Now a resident of Alice Springs, Australia, Hanna has interesting insights not only on life abroad, but also on life in America as an observer.

Inspired by a high school teacher, Hanna studied physics. As an undergraduate he did more than just attending class, working as a photographer for The Highlander newspaper and as a staff member at KUCR.

“Most intriguing about university life,” he said, “were the social opportunities I had living in Aberdeen-Inverness Residence Hall.”

He continued, “Upon reflection, it is difficult to differentiate between being fond of UCR and simply being young and free for the first time.”

During his coursework in physics, Hanna grew a strong affinity toward his times in lab work. After receiving his bachelor of science degree in the winter of 1975, he then attended Cal Poly Pomona, where he attained a second bachelor of science degree in mechanical engineering.

Due to his appreciation for its intellectual rigor and practical investigation of scientific phenomena, it was at that point where Hanna decided that a career in engineering would be the path to take.

His childhood fascination with the Apollo program of the late 1960s and his degree in engineering helped him get hired at Aerojet in Azusa. He was a member of the team that designed a thermal control subsystem for the Defense Support Program satellite, experimented with prototypes in thermal and vacuum chambers and even supported a launch from Cape Kennedy.

Soon thereafter, Hanna received an 18-month assignment as a satellite systems engineer in Woomera, Australia. The temporary assignment abroad became a permanent one. After working for Aerojet for 16 more years (the last three in Colorado Springs), Hanna returned to Australia. He was an employee of TRW for two years in Woomera and for the last three years in Alice Springs.

Today, Hanna continues his fascination for hands-on work at a satellite ground station. His work schedule is hectic — he works on an 8-day cycle, consisting of two twelve-hour midnight shifts, a day off, two twelve-hour day shifts, and ending with three days off to recuperate and prepare for the next cycle.

There are many features, Hanna said, that set Australia apart from America. For one, it is easier to spend time closer to nature. Half of a news broadcast can be dedicated to sports news. Not only does a dusty, weather-beaten outback pub have a better wine list than a fine eatery in America, it is also not unheard-of to share a casual drink with the Minister of Defence at a bar.

Many places in Australia are very remote. The nearest big city for him, Adelaide, is almost 1,000 miles away. The distance, not to mention the price of gasoline at US $2.25 per gallon, makes car trips quite rare. Hanna spends more time valuing open space, working on his garden and outdoor railway models.

The people themselves are also very unique, “Everyone knows each other’s business,” he said. It is difficult to simply pass by people without knowing about them. “In a way one is forced to have a sense of community,” Hanna remarked.
“There is an ease of forming a web of interlocking and reciprocating relationships.”

Relating to the natives of Australia has been quite an experience. His wife Phylis ('73), whom he met as a Highlander newspaper staff co-worker in 1972, has worked for several Aboriginal support organizations, providing educational, health and government services. “Aborigines make up roughly 25 percent of the town’s population,” he added, “so interacting with them is not only inevitable, but also culturally stimulating.”

The lifestyle abroad certainly has its appeal. To him, Australia offered an escape from the presentations, meetings and reports of a traditional office job. “Taking the initial overseas assignment was as much an excuse to get away from that for a while as anything.” Although he still has his share of paperwork and deadlines, the environment is less demanding and better fit for leisure.

Having lived a considerable amount of time abroad, Hanna has become something of an observer of American ways. The way of living is so different from that in Australia, he said. “In the U.S., it seemed as if I were always working or studying, with little time for outside activities.”

Australia gives him and his wife more time to play sports, tutor mathematics at a local high school and assist in the beautification of the town. The country is more open to the idea of social exploration. Even though geography might be considered a disadvantage, the couple remains connected with the University. Hanna maintains contact with the Physics Department, and frequently receives e-mail notifications of seminars and colloquia.

Both he and Phylis have the opportunity to travel. They have been to Asia, the South Pacific, Europe, and Africa, as well as to the different regions of Australia. His exposure to most of the globe leads him to one significant observation. “There are ways of living and organizing a society that are different, in some cases very different, from those in the U.S., but yet still ‘work.’” Australia’s way of life, while different from America’s, matches the desires of its citizens. Likewise, the interaction-friendly yet work-driven people of the United States have formed a society that may only work for them, but is viable nonetheless.
Alumni and Constituent Relations

August
25
Sixth Annual All-UC Alumni Picnic, 11 a.m.-3 p.m., Falcon Park, Highlands Ranch in Denver, CO. Registration required. For more information, contact the Alumni Association.

September
28
All-UC Alumni Career Conference, 8 a.m.-3 p.m., Doubletree Hotel in Pasadena. Registration required. For more information, contact the Alumni Association.

November
14
Fall Quarter UCR Alumni Association Executive Committee Meeting, 1-3 p.m., California Council on Science and Technology Conference Room 206, University Village

Fall Quarter UCR Alumni Association Board Meeting, 3-5:30 p.m., University Village Conference Room

UCR Alumni Association Scholars Reception, 6-7 p.m., University Extension, Room E

UCR Retirees’ Association UCR Retirees’ Luncheon, September 20, 11:30 a.m., Campus Barn, UCR. For reservations and information, contact Betty Morton (909) 689-4381 or themortons@aol.com

Investment Club, 1 p.m., Human Resources Employee Development Center, UCR. Cost: $100 initial fee, $25 monthly. Information: Sal Martino, (714) 854-0220 or salm@exo.com. Meetings: Aug. 7, Sept. 4, Oct. 6, Nov. 6.


Alumni and friends are invited to participate in a unique travel adventure, the Copper Canyon and the Sea of Cortez scheduled for December 6-13, 2002.

This adventure combines a sea and land journey to two of North America’s greatest natural treasures. First, sail through the Sea of Cortez aboard the 70-guest M.V. Sea Lion and explore quiet coves, pristine beaches and sculpted formations of windswept rock. Next, travel in the comfort of the first class service of the famous Chihuahua al Pacifico Railroad to the top of the Copper Canyon.

Participants will travel with a highly experienced staff including an expedition leader, historians and naturalists. A full program of educational talks will be presented to learn about the geology and wildlife of the region, plus the history of the Tarahumara people and the remarkable Chihuahua al Pacifico Railroad.

This program departs from La Paz, Mexico, and starts at $1,470 per person based on double occupancy. Share this life-enhancing experience with your kids or grandkids and take 25 percent off the double occupancy price for each person under 21.

Contact the UCR Alumni Association to request a brochure or to be placed on the Association’s travel list.

Sail and rail in Baja California

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Contact the UCR Alumni Association to request a brochure or to be placed on the Association’s travel list.

Sail and rail in Baja California
Alumni looking to explore their career paths are invited to participate in the annual All-UC Alumni Career Conference on Saturday, September 28, 2002 at the Doubletree Hotel in Pasadena. This all-day career conference is open to all UC alumni.

Participants will have the opportunity to attend informational seminars and workshops, network and to hear from motivational keynote speakers. UCR Alumni Association members can attend the conference at a discounted price of $30 if you register before September 7. The non-UCRAA member price to attend is $40 if you register before September 7. Register after September 7, and the prices increase $15.

If you are interested in attending the annual All-UC Alumni Career Conference or in becoming a volunteer for the event, please contact the Alumni Association.

Call for alumni award nominations

The UCR Alumni Association announces its call for nominations to honor outstanding alumni for the 2003 Alumni Association Awards. Each year since 1986 the Association has recognized alumni who have made extraordinary contributions to society and the University.

Alumni, former award recipients, professional colleagues or members of the UCR community can submit award nominations. The Alumni Association Awards Committee reviews all nominations and selects the award recipients for each of the following five categories:

- The Distinguished Alumni Award is the most prestigious of the awards given. It is based on national or international distinction in one’s field and significant contribution to society.
- The Alumni University Service Award is presented in recognition of a sustained pattern of volunteer service, contributions and support for the benefit of UCR.
- The Alumni Public Service Award honors exceptional service to the public sector or outstanding contributions to the arts.
- The Alumni Community Service Award recognizes active and superior service as a community volunteer.
- The Outstanding Young Alumnus Award acknowledges an alumnus under the age of 35 who demonstrates significant achievement in one’s field and great promise for the future.

If you know someone who deserves consideration for the Alumni Association Awards, visit the Association’s Web site to submit a nomination electronically or to download a nomination form. Letters of support for your nominee are also encouraged. Nomination forms can also be obtained by contacting the Alumni Association. Information on the 2002 award recipients and a list of past award winners are also available on the Association’s Web site.

The deadline to submit nominations and any supporting materials is October 1, 2002. Individuals chosen to receive awards will be honored at the Alumni Association’s Awards Banquet on January 31, 2003.

Join the Alumni Career Network

The UCR Alumni Association and UCR Career Center invite you to become a member of the UCR Alumni Career Network.

Alumni have the opportunity to serve their alma mater as “career consultants” to students and graduates. The Alumni Career Network is a nationwide team of alumni that provides information, support, and assistance to students and graduates about their career transitions. The web-based network provides a forum to learn about the academic and career experiences of alumni and to consult with those whose backgrounds match their own interests or goals.

As an Alumni Career Network member, you will have the opportunity to speak to individual students and graduates about your career, serve as a speaker at career seminars, mentor a student entering your profession or serve as an initial contact for a graduate who has relocated to your area. No alumni identifying information will be available online. Students or graduates who wish to contact alumni must first contact the UCR Career Center or the UCR Alumni Association to verify eligibility and the appropriateness of the request before any specific contact information will be provided.

Don’t miss this chance to share your experiences with an aspiring student leader! To become a member of the Alumni Career Network, apply online at www.alumni.ucr.edu.
50s

'59 Ronald Endeman and Judy (Sherman) Endeman ('60), recently retired attorney and school superintendent, spent January 2002 in Patagonia and Antarctica. Bad weather stranded them for 12 days in a tented camp at Patriot Hills of the Ellsworth Mountains, but they met their goal of reaching the South Pole. Travel remains a passion for them. Ron has visited 286 countries or major island groups.

Ronald Endeman '59 and Judy (Sherman) Endeman '60 at the South Pole

60s

'63 Horst Richardson ('66 M.A.) is a professor of German and head coach of the men's soccer team at Colorado College.

'64 Doug Rightmer married Janet Sue (Kuzmich) Rightmer ('64) last year. The couple lives in San Diego. Janet works at Palomar College and Doug is a math teacher at Santana High School in the Grossmont School District.

70s

'70 Judith Valles was honored in March at the Women Sustaining the American Spirit Luncheon, honoring the spirit and achievements of Inland Empire women. The U.S. House of Representatives recognized Judith as Outstanding Woman of the Year. She is the mayor of San Bernardino.

'71 Steve W. Clute was appointed as a member of the Electricity Oversight Board, which oversees the appointment of Independent System Operator governing board members and the Power Exchange created by utility deregulation measures. Members do not receive a salary, but require Senate confirmation … Weston Arthur Maughan ('74 M.Admin.) has been married for 30 years to Kristine Johnson ('72). Their son, Brandon, graduated from Stanford and their daughter, Lindsay, is a sophomore at the University of Washington. Weston has been a distance runner for 15 years. He started his own company nine years ago to manufacture variable imaged and identification products like barcoders.

'74 George Bilgere was chosen by Poet Laureate Billy Collins ('65 M.A., '71 Ph.D.) as the recipient of the prestigious Witter Bynner Fellowship Award for 2002. George read his poems at the Library of Congress in celebration of National Poetry month. He will organize a local poetry event in cooperation with an institution in Northeast Ohio that supports poetry and libraries. Bilgere's new book, “The Good Kiss,” won the University of Akron Poetry Prize. George has received grants in poetry from the National Endowment for the Arts and from the Ohio Arts Council and has twice been nominated for a Pushcart Prize … Although tenure was not yet to begin until January 2003, Governor Davis appointed Roger Luebs to take the bench as Riverside County’s Superior Court judge effective immediately. Roger has been active in several Riverside civic organizations and formerly served on the Riverside Unified School District’s board of trustees.

'75 James H. Powell has been married to his wife Caryn for 19 years. They have three children, Michelle, 13; Jimmy, 11; and Jeff, 9 … Laura Snodgrass was appointed as a Judge of the Riverside County Superior Court. She will preside over a number of cases in family law, including child custody, child support, and spousal support. Elisabeth spent 18 years as a lawyer with the Corona law firm Clayson, Mann, Yaeger & Hansen. She handled a broad range of civil cases and also started the firm’s family law practice.

'76 Larry Reynolds received his second head coaching job and first Division I position as the men’s basketball head coach of California State University, Long Beach. He hopes to lead the team to a similar success as he did with the resurgence at Cal State San Bernardino … Elisabeth Sichel was appointed as a Judge of the Riverside County Superior Court. She will preside over a number of cases in family law, including child custody, child support, and spousal support. Elisabeth spent 18 years as a lawyer with the Corona law firm Clayson, Mann, Yaeger & Hansen. She handled a broad range of civil cases and also started the firm’s family law practice.

Names printed in red indicate members of the UCR Alumni Association. To update your membership, see page 40.
‘65 Billy Collins (M.A., ’71 Ph.D.) was appointed to serve a second term as U.S. Poet Laureate Consultant in Poetry. His “Poetry 180” program, available at www.loc.gov/poetry/180, allows high school students to hear or read a poem 180 days of the school year.

‘66 Paleontologist Bob Reynolds was responsible for excavating a Colombian mammoth in Temecula believed to be 150,000 years old.

‘67 Author Laura Kalpakian read and discussed her new novel “Educating Waverley” at the Riverside Public Library’s main branch in mid-May. Laura lives near Puget Sound in Washington State, which provides the settings for her most recent novels … T. Michael Reed (’70 M.A.) retired from the practice of law in San Diego. He was a partner in Casey, Gerry, Reed and Schenk, starting with that firm in 1979. During practice, Michael was voted Trial Lawyer of the Year twice in 1985 and 1992. He also received Outstanding Trial Lawyer awards from the San Diego Trial Lawyers Association on five different occasions. His peers honored him in the publication “The Best Lawyers in America” every year since 1987 to the present. His son, Mike, will be a senior at UCR. In retirement, Michael spends most of his time enjoying golf at the Rancho Santa Fe Golf Club and riding his Arabian horses … Robert Warford (’69 M.A.) is a Fellow of the American College of Trial Lawyers, one of the premier legal associations in America. The college is composed of the best trial lawyers from the United States and Canada. Fellowship in the College is extended by invitation only, and lawyers must have a minimum of fifteen years trial experience before they can be considered.

Robert is a partner in the firm of Reback, McAndrews & Kjar, LLP, and has established an office for the firm in San Bernardino, emphasizing the defense of medical and other professional negligence matters. He has practiced in the Inland Empire for over 20 years.

‘69 Susan Anne Clarke is an English teacher in a Catholic middle school. She spent the first 15 years after graduation at home with her four children.

80s

Development Alternatives, Inc. in Bethesda, MD, where he has been for the past eight years. He returned from a month in Pakistan on a job with Asian Development Bank to appraise a new loan in support of the devolution program to local governments. During that stay, most other expatriates were evacuated because of the threat of more terrorism after the Karachi blast. Earlier in the spring, he worked in Ukraine on the U.S. AID Support for Fiscal and Economic Reform project, writing a local government budget execution manual with counterpart staff.

‘79 Russell B. Leavitt was elected the 2002 President of the Municipal Management Association of Northern California. He is a management analyst for the Central Contra Costa Sanitary District in Martinez, California.

‘80 Elena Creef was granted tenure in the women’s studies department at Wellesley College in December 2001. She resides in Wellesley with her husband, Mark Schmidt, and their four-year-old son, Skylar … Robert Seeds is currently living in Berkeley with his wife, Peggy, and their son Thelonious. Robert works for Archer Norris, a law firm in Walnut Creek where he is a civil litigator with an emphasis on the responsibilities of liability insurers.

‘81 Beneta Reynoso joined the nationally recognized, independent brokerage firm Brookstreet Securities Corporation. She joins Brookstreet Securities with more than 17 years of brokerage experience and specializes in retirement planning … Richard Sawyer and his wife, Janet Ewart, welcomed their second child, Gregory Raymond Ewart, at 4:01 a.m. on April 1, 2002. Richard, Janet, Greg, and three-year-old Ben Sawyer live in Keomah Village, Iowa. Rich teaches mathematics in Newton, Iowa … Katherine D. Schneider received a master’s degree in public health from Yale University in 1985. For the past ten years, she has worked as the senior genetic counselor at the Dana Farber Cancer Institute. She is currently president of the National Society of Genetic Counselors and has three sons.

‘82 Susan Sanchez-Casal (’87 M.A., ’92 Ph.D.) won “The Samuel and Helen Lang Prize for Excellence in Teaching,” Hamilton College’s highest and most prestigious award for teaching. Susan is the fourth recipient of this award, which is given annually to a senior, tenured faculty member. The award is presented on the basis of superior teaching and for having a significant and positive impact on students. A student who nominated Susan for the award wrote, “Casal, through her passionate and captivating lectures, continuously inspires students towards social change and changes their perspective on the world and our society” … Carol J. Tillman spoke at the Riverside Medical Foundation’s 16th Annual Dr. Robert H. Joseph Memorial Lecture. More than 120 people attended the lecture at the Riverside Community Hospital Health Education Center. Carol opened the evening with a lecture titled “What’s My Vision? Common Vision Problems and How to Solve Them.” She received her doctor of optometry degree from Southern California College of Optometry in Fullerton. Carol has been in practice with the Riverside Medical Clinic for more than 14 years. In her lecture, she addressed astigmatism, nearsightedness, presbyopia, glaucoma, macular degeneration, cataracts, and other topics … Harue Marsden was elected to a two-year term on the Board of Trustees of the California Optometric Association (COA). She has been involved in many volunteer efforts, serving on the COA Membership Committee and the COA Educational Meetings Subcommittee.

‘85 Michael Givel (M.A., ’88 Ph.D.) recently completed a three-year fellowship at the Institute for Health Policy Studies, School of Medicine, University of California, San Francisco studying the health policy impacts of tobacco companies’ influence on the American political system. Since the completion of the fellowship, Michael has
been appointed assistant professor of political science emphasizing public policy and health policy at the University of Oklahoma. Michael’s UCR doctoral dissertation was published as a book entitled, “The War on Poverty Revisited; The Community Services Block Grant Program in the Reagan Years.” The book has also been listed by the official Reagan Presidential Web site as an official resource documenting the Reagan Presidency … Richard Wagner (Teaching Credential) is vice president of the Daytona area Mensa. Mensa is a group of people whose intelligence puts them in the top two percent of the population.

‘86 Veronica O. Hernandez was the keynote speaker at the 30th Annual Chicano/Latino Graduation Banquet at UCR … Bill Steinkirchner is the operations officer of a Civil Affairs Battalion (Special Operations) stationed at Upland. Bill married Melaine Parra on September 15, 2001. The couple currently resides in Corona with their eight-year old son, Dylan.

‘87 Major David Gutsch (M.B.A.), US Air Force, was selected as the director of marketing, TRICARE Central Region, covering 16 states and 27 military hospitals and clinics. David is based in Colorado Springs, Colorado … York Strother returned to UCR as the men’s tennis head coach. He is now helping the team improve the dual match record and making a niche in Division I athletics.

‘89 Andrew Cullum married Julie Sanchez (’89) in Laguna Beach on October 13, 2001. Julie is an elementary school teacher, and Andrew is a computer programmer at UCR.

‘90 Stanley Orr, professor of English, received the Distinguished Scholar 2002-2003 award from California Baptist University. Stan teaches graduate and under-graduate English.

‘91 Richard Stringham is on the faculty of the Northridge Family Practice Residency Program. He splits his time between teaching and seeing his own patients. He loves to coordinate programs for medical students, many of whom are former UCR biomedical science students.

‘92 Jacqueline Mims (’86 Ph.D.) was honored at the American Spirit Luncheon, honoring the spirit and achievements of Inland Empire women. Jackie provides leadership on many initiatives, including partnerships for underserved students as Assistant Vice President of School/University Partnerships at the UC Office of the President …

Kathy Walker practices OB and GYN in the San Gabriel Valley. Kathy ran into Della Fong (’89) at Methodist Hospital in Arcadia. She keeps in touch with old classmate Richard Serrao (’92) who is now in Boston.

‘93 Ken Rowen graduated with an M.B.A. from Keller Graduate School of Management. He and his wife had their first child, Elizabeth Hailey, in April … Crystal Shackleford will represent the Children’s Services Department at the Child Welfare League of America’s annual conference in Washington, D.C. Crystal joined the department when she was a student intern in 1996 and soon became a permanent member of the Department. She has volunteered for several years as a therapist for Parent United and is frequently asked to speak at Cal State San Bernardino’s School of Social Work.

‘94 Ash Sud is the founder of Westside Organics (www.westsideoorganics.com), an organic food home delivery company in the San Francisco area. Ash married in July of 1998 …

Sue Teele (Ph.D.) was awarded the Fullbright scholarship for her work with multiple intelligences — a theory that suggests humans use up to seven different ways to learn. The theory states that certain methods of learning are more dominant than others. Sue has taught more than 10,000 educators how to identify dominant learning intelligences in students to
design better ways to teach.

95 Shelley Adams purchased her first home in 2000. In the fall of 2002, she will begin graduate school. She is currently going through licensing process to own and operate a childcare center in low-income areas.

Omid R. Bakhtar (’98 M.S.) received a doctor of medicine degree from Medical College of Wisconsin. He will begin a pathology residency in the University of California, San Diego program. At commencement, Omid was also honored with the Millmann Award. The recipient of the award is selected by member of his graduating class, considered to be the outstanding candidate for the doctor of medicine degree and best exemplifies the characteristics of the ideal physician.

Austin Rhee welcomed the arrival of his baby daughter, Tiffany, on January 27, 2002. Austin and his wife, Karen, celebrated their third wedding anniversary on February 6, 2002. On May 5 of this year, Austin received an M.S. degree in management from Notre Dame Namur University.

Tricia Hinz-Smith is working on her master’s degree in political science at California State University, Fullerton. On June 30, 2001, Tricia married Matthew Smith. Matthew is an elementary school teacher. The couple resides in Brea.

96 Mario Vasquez received his juris doctorate degree from Gonzaga University in Spokane, Washington. Paul J. Voss (Ph.D.) is the vice president for academic affairs at Southern Catholic College. Paul is responsible for developing the curriculum and hiring faculty members. Prior to joining Southern Catholic, Paul was associate professor and director of undergraduate studies for the department of English at Georgia State University in Atlanta. He teaches courses on Shakespeare and 16th century poetry at the graduate and undergraduate level.

96 Tammy (Jackson) Duncan (’97 Teaching Credential) married Chris Duncan on June 23, 2001 in Riverside. Tammy is an elementary school teacher for Riverside Unified School District. The couple resides in Corona. Kuntal Thaker is finishing his internal medicine residency at Thomas Jefferson University Hospital in Philadelphia. He will be serving as a chief medical resident next year. Subsequently, Kuntal will be doing his gastroenterology fellowship at Thomas Jefferson University Hospital. He and his wife purchased a home in Voorhees, New Jersey.

97 Pollyanna Kwok is the 2002-2003 note and comment editor for the Southwestern University School of Law’s “Southwestern University Law Review.” The Law Review is a student-edited quarterly journal that publishes articles and commentary on the law, contributed by prominent jurists, practitioners, law professors, and students on the publication’s staff. Serving on Law Review is one of the most prestigious activities available to law students. Pollyanna is a second-year law student and was a staff member of Law Review for the 2001-2002 school year.

Peter Ngo, a second-year resident in pediatrics at the University of California, Irvine, was selected as “Intern of the Year.”

Shaun Senter taught school for two years after graduation. He married and completed his master’s degree in health systems management and is currently working towards his medical doctor degree in Chicago. Shaun credits UCR and Lambda Chi Alpha fraternity for preparing him well for his professional career.

Susan Studer (Ph.D.), professor of education, received Distinguished Scholar 2002-2003 from California Baptist University. Susan teaches in the education master’s degree program.

98 Sue-Jean Chang will be involved in a summer medical program at Creighton University. Under the Institute for Latin American Concern (ILAC), Sue-Jean will work with health care teams comprised of medical, nursing, pharmacy, dental, and undergraduate students to provide medical care to Dominicans unable to travel to larger cities for health services.

Christina Page received her M.D. from the UCLA School of Medicine on May 31, 2002. She was UCLA’s Class President for three years. Christina will be doing her internal medicine residency at the UCLA/San Fernando Valley program.

Nicole Sharkey received her M.D. from the University of Wisconsin-Madison. She will be starting her general surgery residency at the University of California, Davis.

99 Fernando Delgado married Kelly Castro Delgado (’99) on April 6, 2002 in Pasadena. Kelly is an elementary school teacher for Pasadena Unified. Fernando is the vice president of sales for an Internet service provider in Ontario.

Justin Dorr graduated with honors from California Western School of Law in April. Justin has two sons: Phoenix, 5; and Jackson, 15 months.

Karri M. Isom-Axtell attained commission as a naval officer after completing Officer Candidate School at Naval Aviation Schools Command in Pensacola, Florida. She received specialized instruction in navigation, engineering, naval warfare and management.

Anthony Morris, theater arts teacher at Mountain View Middle School, is also a radio personality on 100.3 The Beat (KKBTFM), a Los Angeles rhythm and blues radio station.

Kelly Castro Delgado ’99 and Fernando Delgado ’99

poetry: Gardeners of Eden under the Chicano Chapbook Series and most recently, Aluminum Times, with the University of California, Davis. John hopes to become a professor of creative writing at a major university.

Graciela Gonzalez was promoted to project director for Lieberman Research Worldwide, one of the fastest growing full-service, custom market research firms in the country. Graciela’s responsibilities include managing all field and tab phases of multiple projects, developing questionnaires, designing and checking tab specs, negotiating and overseeing work of tab houses, analyzing data and coordinating work flow with other departments.

01 Jonathan Hua interned for Disney Consumer Products after graduation. Upon completing the internship, he was hired as a staff accountant at Midnite Express. Jonathan then ventured back into the entertainment industry at Buena Vista International Television. He credits UCR for his success in the business world.

In Memoriam

59 Philip Noel Hammons, April 2002

67 Malcolm P. Annex (M.A.), March, 2002

74 Peter Scott Silva (’75 M.A.), April 2002

76 Arthur F. Dillensnyder, March 2002

76 William Louis Swineheart (’78, M.A.), March 2002

77 Ronald Alan Numkena, June 2002

92 Anne M. Callanan, June 2002

96 Elizabeth Ann Muga-Weals, May 2002
Alumni Update & Membership Application

Name _______________________________ Phone (______)__________________
Degree________________________Class Year_______Major__________________
Address _____________________________________________________________
City_______________________________State ___________Zip ______________
Employer ____________________________Business Phone (______) __________
E-mail Address _______________________________________________________
Spouse’s Name ____________________________Class Year___________________

News you would like to share in the Class Notes section of Fiat Lux

Mail to the UCR Alumni Association, 100 A Highlander Hall, Riverside, CA 92521-0110,
e-mail to ucalum@citrus.ucr.edu or update online at www.alumni.ucr.edu/involved/update.html.
If available, please include a photo with your update.

Visit www.alumni.ucr.edu to view the calendar of events, see all the membership benefits and even join online!

The Privileges of Membership

- Free borrowing privileges at all UC campus libraries
- Leadership opportunities in regional chapters
- Savings on car rentals, travel, and accommodations nationwide
- Discount on The Princeton Review test prep courses
- Discounted fees for UCR Career Services Center
- Discounts on UCR Extension classes
- Special designation in the Class Notes section of Fiat Lux
- Plus, your dues support student scholarships, alumni regional activities and legislative advocacy
- For a complete listing of benefits contact the Alumni Association or www.alumni.ucr.edu

Membership Options

Single Membership

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Check Enclosed (Payable to UCR Alumni Association)

Visa □ Mastercard □ AMEX

Name_______________________ (As it appears on the card. Please print)
Acct. # ______________________
Exp. Date_______Amount________
Signature ____________________

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UCR Alumni Association
100 A Highlander Hall
Riverside, CA 92521-0110

For faster service order by phone
(909) 787-4511, (800) 426-ALUM or visit www.alumni.ucr.edu

Why would someone absent from campus for 35 years and living thousands of miles away want to join the Alumni Association? In my case, because the experience at UCR is part of the professional foundation of my career and a time that remains vivid and enjoyable. I arrived and left UCR determined to become a diplomat. Hence, my personal quest was not for self discovery but for the intellectual tools to undertake a demanding profession. UCR met that need. Coming from the family of a professor turned diplomat I enjoyed the small classes and the chance to debate ideas; and Viet Nam was very much a subject of debate even on a quiet campus of the UC system in the mid-1960s. Special study courses enabled me to pursue interests not covered in the regular curriculum. Life was not all studies as I was part of the first mountaineering club and fencing team (remember that the school had just become a general university so pretty much anything we did was a “first”). Neither the passage of time nor a life that has included combat and living in places from Afghanistan to Algeria has removed my enjoyment of my UCR period or the sense that it gave me a solid intellectual beginning. So, I like to find out how the campus is changing and how the school is developing just as one would keep up with any other old friend. And that is why I am an Alumni Association member.”

Ronald E. Neumann
’66, ’67 M.A.
U.S. Ambassador to Bahrain
“Bear Where?” is a contest for alumni, students, and friends wearing “Bear Wear,” UCR insignia clothing and sports gear. Prizes include tickets to athletic events, distinctive UCR-branded clothing and equipment and, of course, fame beyond measure through the publication of Bear Where photographs in Fiat Lux and on the UCR Web site.

The rules are simple:

1. Send us a photograph of a person wearing UCR insignia in a setting that is far away, exotic. Unexpected, novel, or entertaining.

2. Traditional photo prints, slides, or digital images can be submitted. Anything that you send becomes the property of UCR.

3. Members of the magazine staff will evaluate submissions and render a decision, which, of course, will be final.

Mail prints or slides to:

Kathleen Peach, Editor
Fiat Lux Magazine
A-140 Highlander Hall
University of California, Riverside
Riverside, CA 92521

E-mail digital images to kathleen.peach@ucr.edu.

Judy Chappell, right, stands on the flight deck of the USS Constellation, an aircraft carrier in the Pacific Ocean.

Byron Dote ('00) stands outside the headquarters of the Winter Olympics in Salt Lake City.

Candysse Miller ('85) stands in front of the Franz Josef Glacier near Mount Cook on the south island of New Zealand.
By KRIS LOVEKIN

Now that “9-11” is shorthand for terrorism, Edward Chang, an associate professor of Ethnic Studies, fears that mainstream American culture has forgotten another important date: April 29, 1992, when fires and chaos broke out in South Central Los Angeles following the acquittal of L.A. police officers charged in the beating of motorist Rodney King.

In Korean, the words, Sa-I-gu or “4-29,” summons images of burning storefronts, smashed windows and other devastation that disproportionately affected the Korean-American community. For Chang, 4-29 is also shorthand for the important issue of racial injustice. It would be a mistake to forget, he said.

Recognized as a leading expert on the events of April 29, 1992, Chang was quoted extensively in media coverage of the 10th anniversary of the violence. He contended that progress in race relations has not been as fast as predicted, given the extent of the chaos at that time. “The underlying socio-economic factors have not changed at all,” he said.

“There has not been major investment in inner city Los Angeles.”

He said talks between people of different backgrounds immediately after the unrest did not lead to lasting change, although certainly there is some hope. For instance, he said, relationships between Korean merchants and their African-American customers are better now than they were before the civil unrest.

“Ethnic Peace in the American City,” a 1999 book by Chang and co-author Jeannette Diaz-Veizades, examines underlying causes of the riots and suggests some solutions for a more harmonious future.

“The students that I teach today don’t even know why it happened,” he said. “We need to take more proactive measures, such as focusing on race relations in the school curriculum. We have to get beyond celebrating diversity, and talk about economic and political issues. Our political leaders have to take more chances and invest in economic development.”

In 1990, Chang wrote his Ph.D. dissertation on Korean/African-American relations, little suspecting that just two years later his knowledge would be called upon to help heal broken relationships between Korean immigrant shopkeepers and their mostly African-American clientele in South Central. He put together a book, in Korean, about the culture of African-Americans, about the legacy of slavery and the concept of soul, which translates to “Han” in Korean.

He served as a field reporter and consultant for “LA is Burning: Five Reports from a Divided City,” a PBS Frontline special program on the unrest. Since then, Chang’s continued research and speaking on matters relating to building peace in interethnic communities has shown that his interest in this subject goes far beyond one of crisis management and beyond the issues of one urban neighborhood.

He is currently working on a project that will preserve the written record of the civil unrest and its aftermath.

Chang was born in Inchon, Korea, where he attended school through high school. He did his undergraduate work at UC Berkeley, his master’s work at UCLA and his doctoral work at Berkeley.

His first teaching job was at Cal Poly Pomona, and, ten years ago, he came to UCR. He teaches two large introductory classes in Ethnic Studies, Introduction to the Study of Race and Ethnicity and Introduction to Asian American Studies in Comparative Perspective as well as upper-division courses. Chang’s wife, Janet, is a professor of social work at Cal State San Bernardino. The couple, who live in Riverside, have a 15-year-old daughter, Angie.