Dear Friends of UC Riverside,

We celebrate a significant milestone with our 50th Anniversary, which gives us a wonderful opportunity to reflect on the rich history and tradition of excellence this campus has established. Equally exciting is to plan for the future and explore the possibilities that lie ahead. I feel privileged to be a part of UCR at this most important time as we prepare the campus to meet the challenges and opportunities before us. Our two-year, $50 million Anniversary Campaign, which you'll read about in more detail in this issue, is an essential component as we take the next steps in our evolution. Please consider this an opportunity to help shape UC Riverside's next 50 years.

It has been a busy and productive few months since our last issue of Fiat Lux. Let me share some of the highlights of our recent activities.

It was an honor to be the first campus selected to host University of California President Robert Dynes as he launched his inaugural tour in the fall. His inaugural theme "UC Connects with California Communities" emphasizes the significant role UC campuses play in the well being of the state's economy and the health and quality of life of its residents. His visit included an early morning run, forums for students, faculty and staff and a reception for alumni and community. President Dynes noted the "strong and passionate community support" as a key asset of our campus.

We formally launched our Health Sciences Initiative when we announced the formation of a distinguished Blue Ribbon Panel that will help us explore options for enhancing our medical education and biomedical research. The panel is chaired by Charles E. Young, former president, University of Florida and chancellor emeritus of UCLA and includes: J. Michael Bishop, chancellor, UC San Francisco; Thomas Cesario, dean, College of Medicine, UC Irvine; Haile T. Debas, former interim chancellor UC San Francisco and former dean, UCSF School of Medicine and current president, Society for Black Academic Surgeons; S. Sue Johnson, former chair UC Board of Regents; Gerald S. Levey, vice chancellor and dean, UCLA School of Medicine; and William Peck, former dean, Washington University School of Medicine and former executive vice chancellor for Medical Affairs, Washington University. A Faculty Forum of more than 70 key senior UCR faculty representing a cross section of disciplines and the Chancellor's Community Forum, a broad base of the region's leading physicians, healthcare administrators, elected officials and community leaders will work in parallel with the Panel.

We celebrated the start of construction of the UCR Palm Desert Campus. The new campus is designed to provide the Coachella Valley with a home for academic programs in entrepreneurship, joint degrees that connect the core strengths of UCR with management education, and to serve as a focal point for UC Riverside research and technology transfer in the region. Construction is expected to be complete by Spring 2005. Our new Dean of the A. Gary Anderson Graduate School of Management, Rajiv Banker, joined the celebration and will play a leading role in developing programs for the Desert Campus.

Let me end with my congratulations for the 2004 Alumni Awards of Distinction recipients: Tina Nova, Markell Kohn, Barbara Kerr, Wylie Hoffman, and Stephen Warren. Since our first pioneer class in 1954 we have continued to grow in excellence, and we have built a strong foundation for teaching, research, and public service. The distinguished achievements represented by these award recipients and by our 55,000 alumni evidence that quality higher education serves the State and nation superbly well.

I hope you enjoy this issue of Fiat Lux. If you see me on campus or around town, please say "hello" and please visit www.ucr.edu often to keep informed about our progress.

France A. Córdova
Chancellor
Palm Desert Mayor Robert Spiegel, Chancellor Córdova, and Richard Heckmann celebrate the start of construction at the UCR Palm Desert Campus.

Chancellor Córdova and Fred Bryant ('61), right, congratulate Tina S. Nova ('82 Ph.D.) 2004, center, Distinguished Alumnus Award recipient.

University of California President Robert Dynes launched his inaugural tour at UCR with a morning run.
Producing an issue that combined elements of the 50th Anniversary, an Annual Report and the Long Range Development Plan presented a wonderful opportunity for our group to enjoy moments of UC Riverside’s history, marvel at what is being accomplished here today and look forward to the possibilities of tomorrow. We hope you enjoy reading it as much as we enjoyed assembling it for you.

For recent graduates and parents of new students this may be the first time you’ve found a copy of Fiat Lux in your mailbox. Welcome! We look forward to bringing you many interesting and informative features and keeping you updated about campus activities. Visit www.fiatlux.ucr.edu to view back issues in pdf or HTML format.

Fiat Lux, Latin for “Let there be light!” and the motto of the University of California, is a campus publication published four times a year, roughly one issue per quarter, by the Office of Marketing and Media Relations. Each issue carries a message from Chancellor Córdova, photos from recent campus events, department sections covering a variety of Alumni news, Athletics, fundraising initiatives and opportunities, University Extension developments, Arts and Culture offerings, UCR Libraries, as well as sections highlighting faculty awards and honors and recent publications. In the feature section we take an in depth look at topics of interest ranging from emerging research to evolving trends in campus services and developments.

Our goal is to provide an attractive and appealing publication you’ll look forward to receiving. There is a standing invitation to let us know what you think about what you see in these pages and many of you have done just that. Here are a few examples:

“I just want to congratulate you for the excellent quality of the magazine. I have lost my eyesight since attending UCR and I send the magazine away to get it recorded. It is definitely worth the trouble! I just hope you can keep up the good work. I just love hearing from the Chancellor!”

Sally A. Maguire - Class of ’71

“Kudos to you and your staff on an outstanding issue. You did an excellent job of explaining the importance and challenges of technology commercialization in a clear, concise and informative fashion. I was delighted to read of UCR’s progress in commercialization of research since it creates new educational opportunities for the faculty and students. Congratulations on a great issue!”

Brad Zehner - Class of ’66

“I would like to say thank you for making Fiat Lux available electronically – it looks just as good as it did on paper and it is more convenient for me in the electronic format.”

Richard Heckman

If you have a comment, a question or a suggestion let me know. I can be reached by email at Kathleen.peach@ucr.edu, by fax at 909-787-5008 or my mail at:

1150 University Avenue
Highlander Hall, Bldg. A
Riverside, CA 92521
Geneticist Awarded $2.4 Million Grant by the National Science Foundation

Tim Close, professor of genetics in the department of botany and plant sciences, has been awarded a $2.4 million grant by the National Science Foundation for a project that will facilitate researchers’ access to the barley genome to build a fuller understanding of cereal plant traits relevant to agriculture and biology. The title of the research project is “Coupling Expressed Artificial Chromosome Sequences and Bacterial Resources to Access the Barley Genome.”

Close, Principal Investigator for the research project, is joined by co-PIs Tao Jiang and Stefano Lonardi of UCR’s department of computer science. MingChneg Luo of UC Davis is the other senior personnel for the project.

The NSF program “Plant Genome Research Project” granted the award for a four-year period starting September 1, 2003. This is the first time UC Riverside has been chosen to lead a project by NSF’s Plant Genome Research Project program.

Most Cited Researchers in the World at UC Riverside

The Institute for Scientific Information recognized eleven UCR scientists as among the most highly cited researchers in the world for making fundamental contributions to the advancement of science and technology in the recent decade.

Researchers are listed in 21 broad subject categories including: life sciences, medicine, physical sciences, engineering and social sciences. These researchers are the most highly cited in each category for a period of 1981-1999 and comprise less than one-half of 1 percent of all publishing researchers.

UCR researchers recognized were: Janet Arey, Roger Atkinson, Rajiv Banker, Laxmi Bhuyan, William Carter, William Frankenberger, William Jury, Noel Keen, Albert Page, Natasha Raikhel and Nickolas Waser.

UCR researchers have each received a total of $467,002 over five years to fund his efforts to increase the efficiency of wireless ad hoc networks, which are units that organize themselves into a network and dynamically reconfigure the network as nodes move. His research is geared towards tuning transmission power levels or the use of specialized antennas for increasing the efficiency of networking protocols in such networks. Applications would include disaster recovery situations, and communication between vehicles for purposes such as automatic traffic control.

Keogh’s award of $400,000 over 60 months focuses his research on time series, or computer processes, that can be used to “mine” time series hidden in the huge amounts of data collected in fields such as finance, industry and medicine. Information buried in this archived data could have impact in a broad range of areas, including cardiology, industry, astronomy, bioinformatics and anthropology.

Two Computer Science Faculty Members Receive NSF CAREER Awards

Srikanth Krishnamurthy and Eamonn Keogh assistant professors in the Department of Computer Science and Engineering, have each received a National Science Foundation CAREER award.

The CAREER Program targets outstanding new faculty who intend to develop academic careers involving both research and education.

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Professor’s Study of “Hybrid” Physician-Executive Profession Receives International Management Award

A study of the dynamics at work in the formation of professional groups by Kathleen Montgomery, associate professor of organizations and management, received the Best Paper Award from the Academy of Management’s Healthcare Management Division.

The paper, titled “Creating Entities Through the Networking Dynamics of Boundary Construction,” identifies the activities that new professions undertake to become recognized in their field. Montgomery examined the new profession of physician executives, or doctors who decide to leave...
Scientists Awarded $800,000 to Study Effects of Ethanol in Automobile Exhaust and Emissions

The Coordinating Research Council, Inc. has funded a one-year study to better understand the impact of fuel properties on emissions for gasoline blends containing ethanol. Researchers Tom Durbin and J. Wayne Miller of the College of Engineering – Center for Environmental Research and Technology were awarded the grant for their proposal “Effects of Ethanol and Volatility Parameters on Exhaust and Evaporative Emissions.”

The objective of Durbin and Miller’s research project is to generate information that can be used to better predict the effects of ethanol content and gasoline volatility parameters on exhaust emissions from the newest vehicles that meet current and upcoming emissions standards. Durbin and Miller will test a total of twelve fuels containing various concentrations of ethanol using a fleet of twelve commercial vehicles with advanced emission control technologies. The test fleet will include vehicles ranging from Low-Emission Vehicle (LEV) to Super-Ultra-Low-Emission Vehicle (SULEV) certification. Testing will include regulated emissions and real-time engine-out and tailpipe emissions.

Engineer Awarded $187,000 EPA Grant to Study Air Pollution

EPA's National Center for Environmental Research’s Science to Achieve Results (STAR) Program will fund assistant research engineer, Dennis Fitz, of the College of Engineering – Center for Environmental Research Technology for a period of two years starting October 2003. The title of Fitz’s research project is “Evaluation and Minimization of Organic Aerosol Sampling Artifacts as Impactors and Quartz Fiber Filter Denuders.”

Fitz’s research project will involve measuring particulates in air. Fine particle air pollution has been shown to shorten human life and accurately measuring the composition of these fine particles is essential to determining their source and ultimately controlling them.

Three Engineering Students Honored for Excellence in Leadership

Assemblyman John J. Benoit of the 64th Assembly District recognized Elmer Thomas, Kimberly Cross, and Korey Sewell, members of the UC Riverside chapter of the National Society of Black Engineers, for their excellence in leadership and their academic performance.

Curator of UCR Citrus Variety Collection Chosen for Prestigious California Agricultural Leadership Program

Tracy Kahn has been chosen as a fellow of the California Agricultural Leadership Program.

Kahn is senior museum scientist and lecturer in the Department of Botany and Plant Sciences and also serves as curator of the UC Riverside Citrus Variety Collection, one of the world’s most diverse living collections of citrus and related types with approximately 900 different varieties. In addition, she conducts extension activities and research to evaluate the commercial potential of new citrus varieties within the Department of Botany and Plant Sciences.

The California Agricultural Leadership Program is an intensive two-year leadership development course that focuses on developing the skills necessary for reinforcing the awareness of the critical issues facing California agriculture, and the leadership skills to help resolve some of those issues.

Plant Pathologist Awarded $1 Million Grant to Study Virus Assembly

A. L. N. Rao, associate professor of plant pathology and associate plant pathologist, has been awarded a four-year, $994,715 grant by the National Institutes of Health - National Institute of General Medical Science for studying the mechanism of virus assembly, which addresses a fundamental question in virology of how viruses package their genomes into stable virions or virus particles.

It is imperative to understand how viruses are assembled since sexually transmitted HIV and mosquito-transmitted West Nile virus are spread only in assembled form. For example, West Nile virus is acquired when mosquitoes feed on infected chicken. The mosquitoes acquire infectious virions and deposit them into healthy hosts such as humans and horses. Similarly, citrus trestiza virus, a most devastating virus to California’s citrus industry, spreads to new hosts by insects such as aphids.

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Fourteen Faculty Named 2003 Fellows of the American Association for the Advancement of Science

The new AAAS Fellows are:

G. J. Andersen, professor of psychology. Citation: For basic research in visual perception and its application to the study of driving and the effects of aging on perception and performance.

Nancy Beckage, professor of entomology and professor of cell biology and neuroscience. Citation: For contributions to the field of insect physiology, particularly for studies of endocrine interactions between insect hosts and their parasitoids and pathogens.

Martinus van Genuchten, adjunct professor of soil physics. Citation: For sustained innovative contributions to the fundamental description and mathematical analysis of variably-saturated flow and contaminant transport processes in the subsurface.

Sarjeet S. Gill, professor of cell biology and entomologist. Citation: For distinguished contributions to the control of agricultural pests by advancing the understanding of how bacterial proteins, which are increasingly used in transgenic crops such as insect tolerant corn and cotton, disrupt the function of the insect midgut.

Helen Henry, professor of biochemistry. Citation: For contributions to the understanding of the metabolism of the vitamin D hormones, particularly the regulation of these processes in cell culture.

Bradley C. Hyman, professor of biology and undergraduate advisor. Citation: For fundamental contributions to the functional architecture of animal mitochondrial genomes, nematode molecular biology, and for service to the international nematology community and local K-12 schools.

Adam J. Lukaszewski, professor of genetics & geneticist. Citation: For contributions to crop improvement through elegant chromosome engineering.

Jocelyn Millar, professor of entomology and chemical ecology. Citation: For research in the identification and synthesis of pheromones, kairomones, and other semiochemicals used in communication within and between insect species, and for research on the use of natural enemies to control invasive pest insects that attack Eucalyptus trees.

Ashok Mulchandani, professor of chemical engineering. Citation: For research in biological-based detection and detoxification of organophosphate nerve agents.

Leonard Nunney, professor of biology. Citation: For research on the theory of population genetics and its application to the study of conservation genetics, biological control, and cancer genetics.

Natasha Raikhel, distinguished professor of plant cell biology. Citation: For pioneering research in cell biology, particularly in the area of protein trafficking in plant cells.

Victor Shapiro, professor of mathematics, emeritus. Citation: For fundamental contributions to mathematical analysis, particularly for research results in multiple Fourier series and quasilinear elliptic and parabolic differential equations.

Nick Toscano, professor of entomology and extension entomologist. Citation: For outstanding research in insect pest management and highly effective communication of scientific advances to growers, resulting in significant reductions in chemical insecticide usage.

Gary Zank, professor of physics and director of The Institute of Geophysics and Planetary Physics. Citation: For pioneering studies in space plasma physics, especially for studies of particle acceleration in the heliosphere and the origin of anomalous cosmic rays.

The AAAS, founded in 1848, is the world’s largest, general scientific organization. It represents more than 138,000 members and 272 affiliated societies in the world, and conducts programs in science policy, education and international scientific cooperation. It publishes the prestigious peer-reviewed journal Science.

A total of 348 scientists in the world became AAAS Fellows this year. With this year’s 14 fellows, a total of 116 UC Riverside faculty are now recognized as AAAS Fellows.

Professor Awarded 2004 NEA Literature Fellowship

Andrew Winer, assistant professor of creative writing, has been awarded a 2004 National Endowment for the Arts Literature Fellowship for a submission from his first novel, the nationally best-selling “The Color Midnight Made.”

The honor – one of 42 fellowships in fiction and creative nonfiction awarded nationwide – comes with a
William Blake Scholar Robert N. Essick Earns National Kudos for Electronic Archive

A Web-based electronic archive featuring the writings and art of William Blake, edited by Distinguished Professor of English Robert N. Essick and two colleagues, won the 2003 Modern Language Association Prize for a Distinguished Scholarly Edition.

A free site on the World Wide Web since 1996 (http://www.blakearchive.org), the Blake Archive was conceived as an international public resource that would provide unified access to major works of visual and literary art that are highly disparate, widely dispersed, and more and more often severely restricted as a result of their value, rarity, and extreme fragility. Technical support and hosting comes from the Institute for Advanced Technology at the University of Virginia. Funding comes from the Getty Foundation and the National Endowment for the Humanities.

It is the first time an electronic edition has received this award and it is considered a breakthrough in the editing of literary texts, as well as the presentation of pictorial images. The MLA, the largest and one of the oldest American learned societies in the humanities (est. 1883), exists to advance literary and linguistic studies. The 30,000 members of the association come from all fifty states and the District of Columbia, as well as from Canada, Latin America, Europe, Asia, and Africa.

Education Professor Recognized for Impact of a Career of Research

The American Psychological Association's Division of School Psychology has presented its Senior Scientist Award to Frank Gresham, a distinguished professor of education at UC Riverside, for demonstrating exceptional scholarship and programs throughout his nearly 25-year career.

Gresham’s research has focused on the social interaction of children and adolescents with learning disabilities, behavior disorders, attention deficit/hyperactivity disorder, and mild mental retardation. He has found that schools tend to overidentify children as “learning disabled” in part to avoid harsher terms such as “mentally retarded.” As a result, the population of learning disabled children increased by nearly 300 percent from 1976 to 2002.

One of about two-dozen experts to testify before the President’s Commission on Excellence in Special Education in April 2002, Gresham has helped shape the national agenda in school psychology and special education. The commission issued policy recommendations to the White House as it works with Congress on the reauthorization of the Individuals with Disabilities Education Act this year.

He is currently coordinating the west coast operations of Project REACH, part of the National Center for Students with Social, Emotional and Behavioral Needs headquartered at Lehigh University in Pennsylvania. The center is funded with a $3.5 million, five-year award from the U.S. Department of Education’s Office of Special Education Programs.
Retired Professor of Plant Pathology, Paul Roy Desjardins, died Oct. 22, 2003. Desjardins, 84, lived in Riverside for 53 years and was a faculty member at UC Riverside for 40 years before retiring in 1990.

He received his doctorate in plant pathology from UC Berkeley in 1952 and was a member of the Founders of Newman Club at UCR. Desjardins served in the Army from 1942 until 1952 and earned the rank of first lieutenant.

Dr. Desjardins is survived by his wife, Rosemary; a daughter, Mary; two sons, Christopher and Vincent; a sister, Alvina; and a sister, Dolly Johnson.


Mr. Ward, 57, served in the U.S. Air Force from 1963 until 1964 and was a member of the Christian Science Church. He was also a member of AARP and the Janet Goeske Senior Center in Riverside.

Before coming to work at UCR he worked as a chef at the Mission Inn in Riverside and as a firefighter in Beaumont.

He is survived by his companion, Bonita Cravens.

Memorial contributions may be sent to the American Cancer Society.

Contributions may be made online at:
http://www.cancer.org/docroot/DON/don_0.asp

Former UC Riverside staff member, Bernell Lively, died Nov. 3, 2003. She worked for UCR for 21 years.

Mrs. Lively, 82, was born in Marshall, Texas, and lived in Riverside for 60 years. She was a member of Second Baptist Church in Riverside, as well as the Nannie Burrough Circle, church choir and Deaconess Board.

She is survived by her husband, R.D.; four daughters, Trecina Patterson, Carol Dixon, Terri Leonard, and Tami Lively Moore; and a son, Roger; 17 grandchildren; 29 great-grandchildren; two brothers, James and Amos Walker; and a sister, Dolly Johnson.

Former head of the UC Riverside biometrical lab, Morris Garber, died Jan. 16, 2004. Garber, 91, also became the first director of the university’s Computing Center after he convinced the university that it needed to invest in computers during the 1960’s. Because of job cuts in the 1970’s, Garber volunteered to give up his computer title and returned to teaching and research in the Department of Statistics.

Garber earned a bachelor’s degree in zoology from Columbia University in 1933 and a doctorate in genetics from Texas A & M in 1951. He was an assistant professor at Texas A & M.
The Lowland Maya Area: Three Millennia at the Human-Wildland Interface
edited by Arturo Gómez-Pompa, Michael F. Allen, Scott L. Fedick, and Juan J. Jiménez-Osornio
Haworth Press
September 2003: 659 pages

The book covers virtually every aspect of the biology and ecology of the Maya Lowlands and the many ways that human beings have interacted with their surroundings there for the last three thousand years. It is edited by Professor of Botany and Plant Sciences Arturo Gómez-Pompa, UC Riverside colleagues Michael F. Allen, professor of plant pathology and biology, and Scott L. Fedick, associate professor of archeology; and from the Universidad Autónoma de Yucatán, Juan J. Jiménez-Osornio, professor of veterinary medicine and zoology.

The text touches on new archaeological evidence of wetland use; the domestication and use of cacao and henequen plants; a biodiversity assessment of a select group of plants, animals, and microorganisms; the area’s forgotten cotton, indigo, and wax industries; and the ecological history of the Yucatán Peninsula among other topics. This comprehensive book examines all we can learn from the Maya people, who continue to live on their native lands, integrate modern life with their old ways and teach valuable lessons about human dependence on and management of environmental resources.

More information about The Lowland Maya Area is available at the publisher’s Web site at http://www.haworthpressinc.com/.

The Color Midnight Made
by Andrew Winer
Washington Square Press, a division of Simon & Schuster
June 2003 in paperback: 288 pages

First-time novelist Andrew Winer, assistant professor of creative writing, has created one of the most unforgettable heroes in recent fiction, and in so doing offers us a profound portrait of America.

Conrad Clay, a curious and passionate white boy growing up in a depressed, primarily-black, community in the San Francisco Bay Area is trying to hold on to the people around him; his ailing grandmother, the one person he trusts; and his best friend, Loop, who increasingly distances himself from Conrad under pressure from their peers. As Conrad’s family breaks apart, he looks beyond his home for love and attention—a search that will force him into a head-on collision with adult life. For a while, he finds solace in the home of Mary, Loop’s self-possessed single mother, who gives him the attention and caring his own mother cannot. As Conrad puts his trust in Mary’s blind son, Midnight, his life changes in a way he never could have imagined.

The Color Midnight Made is available on the publisher’s Web site at http://www.simonsons.com/.

Break Any Woman Down
by Dana Johnson
University of Georgia Press
September 2001: 176 pages

In this hip, vital, and sexy debut, winner of the 2001 Flannery O’Connor Award for Short Fiction, Dana Johnson, assistant professor of creative writing launches a fleet of wonderful stories across unexpected terrain, upending notions of race, class and gender in utterly original ways.

An 11-year-old black girl from South Central LA discovers the strangeness of moving to the suburbs and falling in love with a white boy. A pair of enthusiastic middle-aged Iranian sisters debate whether or not their futures hold children. A punk musician falls for a girl out of his league. A black lap dancer gives up her job to move in with her Greek actor boyfriend, who hasn’t managed to get roles in anything but porn movies.

UCR FIAT LUX 9
Whether bold or rueful, salacious or sweet, each voice in Break Any Woman Down is vibrantly authentic; together they add a fresh and welcome chorus to American literature.

Break Any Woman Down can be found on the publisher’s Web site at http://www.ugapress.uga.edu/

Reforming the Republic: Democratic Institutions for the New America
by Shaun Bowler (with Todd Donovan)
Prentice Hall
August 2003: 224 pages

This book by Political Science professors Shaun Bowler and Todd Donovan, at Western Washington University offers a general discussion of a wide range of political reforms by addressing how the American political system would be different if various reforms were adopted.

Advocating a wide menu of proposals and weighing their good and bad effects, this book does not attempt exhaustive analysis of a single topic. Rather, it gives general introductions to each issue. It examines some of the most important rules that shape America’s electoral landscape, assembling the best evidence available to anticipate what would happen if certain rules were changed.

Designed to make readers think and analyze the current electoral status quo in the U.S., this book covers electoral reform and American politics, the public’s attitudes, problems with congressional elections, electing the Congress and the President, ballot selection, campaign finance, and the mechanics of running an election. An appropriate and thought-provoking book for any reader who wonders about the current electoral process in the U.S., and is interested in learning about the possible effects of the current reform movement.

More information about Reforming the Republic is available on the publisher’s Web site at http://vig.prenhall.com/.

Dangerous Liaisons?: When Cultivated Plants Mate With Their Wild Relatives
by Norm Ellstrand
Johns Hopkins University Press
November 2003: 268 pages

With the advent of genetic engineering, “designer” crops might interbreed with natural relatives. Could such romances lead to the evolution of “superweeds,” as some have suggested? But haven’t crops had sex with wild plants in the past? Has such gene swapping occurred without consequences? And if consequences have indeed occurred, what lessons can be gleaned for engineered crops?

This book will appeal to academics, policy makers, students, and all with an interest in environmental issues.

In Dangerous Liaisons? Norman Ellstrand, professor of genetics, examines these and other questions. He begins with basic information about the natural hybridization process. He then describes what we now know about hybridization between the world’s most important crops—such as wheat, rice, maize, and soybeans—and their wild relatives. Ellstrand concludes with a look to the future. Will engineered crops pose a greater threat than traditional crops? If so, can gene flow and hybridization be managed to control the escape of engineered genes?


Screenplay: Writing the Picture
by Robin U. Russin (with William Missouri Downs)
Silman-James Press
July 2003: 445 pages

Designed as a down-to-earth, practical guide to the craft of screenwriting, Writing the Picture co-authored by Assistant Professor of Theatre Robin U. Russin, and playwright William Missouri Downs covers everything a screenwriter needs to know, from basic elements to advanced techniques. The book is intended to help writers choose, develop, and perfect their stories while avoiding common mistakes. From conception to completion, it covers every step of the process with a wealth of practical examples and exercises designed to avoid a formulaic approach. Professors Russin and Downs also cover marketing screenplays and the alternatives of television and playwriting.

Information about Screenplay: Writing the Picture is available on the publisher’s Web site at http://www.silmanjamespress.com/.

Ghost Orchid
By Maurya Simon
Red Hen Press, March 2004: 80 pages

This volume of poetry explores Creative Writing Professor Maurya Simon’s highly personal perceptions of mortality and divinity, through the prism of Judeo-Christian ideals and mythology at the start of the third millennium. The poems seek to balance daily and worldly events in both the realms of the sacred and the profane, as Simon struggles to understand what separates both realms, and to
reconcile her longing for at least secular redemption. The book is divided into five inter-connected and inter-related sections: “Between Heaven and Earth,” “Angels of Mercy,” “Lucifer in Starlight,” “The Soloist,” and “Unfinished Psalms.” Each section gathers poems based on shared themes such as mortality, goodness and compassion, the presence of the sacred, and so forth. Ultimately, Ghost Orchid strives to comprehend the unseen through the seen and lived, the apprehended, and the endured.

Information about Ghost Orchid can be found at the publisher’s Web site at www.redhend.org/.


The theological focus of sacrifice in the public discourse about religion? The theological discourse cannot be reconciled by those like that theological language and assumptions were inappropriate for this purpose because of their confessional allegiances. Another approach to sacrifice, free of confessional entanglements, was required. This is what Hubert and Mauss sought to provide in the Sacrifice: Its Nature and Function.

More information about Theology and the First Theory of Sacrifice is available at the publisher’s Web site, http://uk.cambridge.org/.

The book employs contemporary cultural studies, particularly postcolonial criticism, to read Christian writings about holy land Jews as colonial writings. These writings created a cultural context in which Christians viewed themselves as powerful—and in which, perhaps, Jews were able to construct a posture of resistance to this new Christian empire. Remains of the Jews reexamines familiar types of literature—biblical interpretation, histories, sermons, letters—from a new perspective in order to understand how power and resistance shaped religious identities in the later Roman Empire.


Christianity in Late Antiquity edited by Andrew Jacobs (and Bart Ehrman) Oxford University Press September 2003: 272 pages

Between 300 and 450 C.E., Christianity rose to prominence in the Roman Empire, developed new notions of sanctity and heresy, and spread beyond the Mediterranean world. Associate Professor of Religious Studies Andrew Jacobs, and Bart Ehrman professor of religious studies

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at the University of North Carolina, Chapel Hill, collect primary sources from the early Christian world—from authors such as Augustine, Athanasius, and Eusebius—in the most recent translations and also includes less familiar texts, some of which appear in English translation for the first time. Presented in their entirety or in long excerpts, the texts are arranged thematically and cover such topics as orthodoxy, conversion, asceticism, and art and architecture. Ehrman provides introductions for each chapter, text, and image.

More information on Christianity in Late Antiquity can be found on the publisher’s website at http://www.oup.co.uk/.

**Taken By Surprise: A Dance Improvisation Reader**
*by Ann Cooper Albright and David Gere ’98 Ph.D.*
*University Press of New England, October 2003: 273 pages*

This collection of classic and new writings on dance improvisation brings together 21 essays by prominent dancers, scholars and historians. *Taken by Surprise* reflects the development of improvisation as a compositional and performance mode in a wide variety of dance contexts, including dance traditions from around the globe, such as Yoruban masked dance, Indian Bharatanatyam and flamenco.

The book also includes a thoughtful look at computer-aided choreography, a discussion of recent innovations in tap dancing and a section on improvisation in everyday life. Combining primary sources with critical analysis, *Taken by Surprise* can serve as a companion to studio work in improvisation, and a much-needed supplement to 20th-century dance histories.

David Gere is an assistant professor at UCLA’s Department of World Arts and Cultures.

**Crossing Vines**
*by Rigoberto González ’92*
*University of Oklahoma Press September 2003: 214 pages*

In the grim reality of Southern California’s grape fields, even the sun is a dark spot. For the migrant grape pickers in *Crossing Vines*, Rigoberto González’s novel that spans a single workday, the sun is a constant, malevolent force. The characters endure backbreaking, monotonous work as they succumb to the whims of their corrupt bosses. Each minute the sun rises higher in the sky is an eternity.

This uncompromisingly thought-provoking tale gives names and faces to the anonymous agricultural laborers, whose lives are like the tangled vines of the fruits of their labor. Not since Tomás Rivera’s *...And the Earth Did Not Devour Him* has a novel converged on the lives of migrant workers so profoundly. Like Rivera, González employs nostalgia for Mexican tradition as he looks at the family feuds, economic injustices, and racism prevalent in the migrant worker experience.

Rigoberto González is the recipient of a Guggenheim Memorial Foundation Fellowship and of writing residencies in Spain, Brazil, and Costa Rica; he currently lives in New York City.

**A Tiger in the Bedroom; Lessons from Mother Nature’s Sex Shop**
*by Katherine Gould ’89*
*Andrews McMeel Publishing 2003: 239 pages*

After years of writing the informative signs about animal habits at the Los Angeles Zoo, Gould had gathered plenty of juicy details. Too racy for the family audience, Gould decided to put the R-rated material in a book. A hilarious collection of bizarre, dangerous and surprisingly touching mating rituals of mammals, birds, fish, and insects, offered as lessons for the human species.

Divided into 11 chapters on everything from stamina to exhibitionists to alternative lifestyles and dating strategies, *A Tiger in the Bedroom* covers everything sex-related. The compendium of carnal curiosities from the animal kingdom includes lots of useless trivia as well as some absolutely vital information. Katherine Gould has written about animals for the
Los Angeles Zoo for several years - both for the zoo’s exhibits and for its membership magazine, Zoo View. She is a freelance writer and editor and lives in Los Angeles with her cat and twin daughters.

The Labyrinth Key
by Howard V. Hendrix ’82 M.A., ’87 Ph.D.
Del Rey
March 2004: 448 pages

The Labyrinth Key, is set in 2015, when the United States and China are locked in an informational arms race centered around the development of a quantum computer with code making and code breaking powers. The nation that first perfects this master machine will dominate all others in world affairs.

Researching forerunners of this system, an NSA analyst appears to have spontaneously combusted in a hotel room not far from Hong Kong. Chinese policewoman Lu Mei-lin and the analyst’s assistant try to get at the truth of what actually happened. They encounter a web of international intrigue involving the Chinese Ministry of State Security, an alphabet-soup of turf-battling U.S. security agencies, Chinese crime clans and Islamist revolutionaries. Working behind these scenes are more layers of increasingly shadowy groups.

The Memoir Club
by Laura Kalpakian ’67
St. Martin’s Press
2004: 288 pages

Seeking a little bibliotherapy, six women take a university extension’s memoir class, which becomes the Memoir Club. Grief stricken Dr. Caryn Henley attends reluctantly at the insistence of her longtime friend and colleague, Nell. Rusty Meadows wants to write a memoir for a daughter she gave up at birth. Mrs. Francine Hellman wants to laud her late husband, a renowned scientist, only to find he had a past unknown to her. Sarah Jane Perkins writes to come to terms with her unconventional upbringing. And Korean born and adopted Jill McDougall writes to discover her own identity. As they render their pasts in memoirs, they forge a new present and a new future.

Laura Kalpakian has received a National Endowment for the Arts grant, a Pushcart Prize, the Pacific Northwest Booksellers Association Award (twice), and the PEN/West Award for Best Short Fiction. She lives in the Pacific Northwest.

Public Policy: Politics, Analysis, and Alternatives
by Michael E. Kraft ’66 and Scott R. Furlong, CQ Press
August 2003: 400 pages

This book equips students with the knowledge and skills essential to assessing both today’s policy problems and solutions, as well as the value of proposed alternatives. Kraft and Furlong’s text offers a striking approach to the country’s most urgent policy challenges by integrating the study of process, the concepts and methods of policy analysis, and the substance of policy areas. Public Policy invites students to think like analysts and engage with issues that concern their lives.

Public Policy is a guide through policy alternatives giving a clear understanding of how the interests and motivations of policy actors impact a complex, yet comprehensible, policy agenda.

Kraft joined the University of Wisconsin-Green Bay faculty in 1977. He was the first University of Wisconsin-Green Bay faculty member to be awarded the Jerbert Fisk Johnson named professorship in environmental studies.

Valley of Roses
by Ben Stoltzfus
Trafford Publishing
February 2003 in paperback: 151 pages

This is the fourth novel for Professor Emeritus, Ben Stoltzfus (French/Comparative Literature & Creative Writing). It is a four-part fictional memoir about an American boy growing up in Bulgaria where attar of roses is distilled from the petals, love is distilled from the heart and art is distilled from events that irrevocably alter the lives of Americans and Bulgarians when German forces occupy the Balkans during World War II. Other novels by Stoltzfus include The Eye of the Needle, Black Lazarus, and Red White & Blue.

Valley of Roses is available on the publisher’s Web site at http://www.trafford.com/robots/03-0012.html
By Kris Lovekin

It was not easy to bring a UC campus to Riverside in 1954. Other cities were lobbying to host the next UC campus. The Korean War made bricks and steel scarce. But Riverside citizens, including newspaper publishers who bought ink by the barrel, would not be denied.

They mounted a full-scale effort to convince UC Regents, Southern California legislators, and all those competing communities, that Riverside was the perfect spot.

A 200-member booster club shipped crates of oranges and grapefruit to legislators. They traveled to hundreds of meetings across the state where UC Regents were making plans to expand the UC to accommodate the baby boom generation, as well as soldiers coming home from Korea. They invited Regents to the homes of wealthy citizens, to dine on barbecued steak and fresh-squeezed orange juice on patios overlooking the city.

And when Governor Earl Warren, in 1948, finally signed off on a $2 million plan to help shape a new campus in Riverside, these citizen boosters lined up gladly to hear the vision of the first campus provost, a Welsh-born economist from UCLA, Gordon Watkins.

“He was a very fine, very bright, very down-to-earth sort of fellow. I think everybody in the community was impressed with him,” remembered Howard H “Tim” Hays, publisher emeritus of The Press-Enterprise newspaper, who with his father, Howard Hays, Sr. and dozens of others, attended those first meetings in the late 1940s.

“He was practical. He wasn’t theoretical. He may have been a little theoretical at times, too, but where it called for practicality, he was practical,” Tim Hays said of the first provost.

**Enjoying Our Past**

April 21, 1948 – Gov. Earl Warren earmarks $2 million for first planning and design costs for the new UC Riverside campus, a liberal arts college to be located next to the existing UC Citrus Experiment Station. The whistle of the city electric plant carried the good news throughout the entire community.

March 19, 1952 – Despite scarce materials due to the war in Korea, UC Riverside officials receive the okay to gather the steel and brick that will be needed. Henry J. Kaiser, head of Kaiser Steel in Fontana, uses his connections to locate the materials.

Feb. 15, 1954 – Opening day dawns, with 127 students and 65 faculty members making their way across a muddy campus on paths of orange packing crates. Founding Provost Gordon Watkins paraphrased Winston Churchill when he said, “Never have so few been taught by so many.”

Feb. 16, 1954 – Students elect Charles Young student body president.
Watkins. “And he was determined to go ahead. I thought he was very impressive in the job.”

The campus that Watkins created, through his choice of first administrators and first faculty, resembles him even today. It is a down-to-earth place, with practical plans for its research. It is a campus that pushes ahead, even through adversity. And unlike some of its sister campuses, it is a campus fully admired and owned by its surrounding community. Theoretical when called for, the campus grew from its liberal arts roots into a full-fledged research university, now populated by 17,200 students, a number that would have seemed unimaginably large to its founders.

**Physical Environment**

Early UC Riverside was much smaller, a liberal arts college that was the dream of UC President Robert Gordon Sproul. A Riverside community that wanted its own ivy-covered walls to complement the Mission Inn and the new public library quickly and enthusiastically adopted the Sproul idea. They attached this rigorous liberal arts college onto the long-established UC Citrus Experiment Station just as naturally as if they were grafting a cutting of an exotic mandarin onto a hardy and well-established rootstock. They had confidence it would produce excellent fruit.

Eventually, despite some initial tension between the citrus researchers and the professorial “invaders,” as

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**April, 1954** – Ten thousand people, a good chunk of the area’s population, turn out for the first open house.

**August, 1955** – The E.L. Yeager Construction Co., with labor provided by students, creates the big “C” on Box Springs Mountain above the campus. At 132-feet high, it was the largest concrete block letter on record at the time. That year’s freshman class gave it its first golden coat of paint.

**June 30, 1956** – Provost Watkins retires, leaving behind a two-year-old campus voted one of the nation’s 10 best undergraduate universities in a poll by Dr. Russell Kirk.

**April 18, 1959** – UC Regents vote to make UC Riverside a “general” campus complete with graduate instruction and professional schools.
they were genially described by UC Riverside plant research legend George Zentmyer, the effort at cross-breeding took hold.

A critical obstacle was a war-related shortage of building supplies that delayed construction for several years. Campus boosters found a champion in Henry J. Kaiser, head of Kaiser Steel in Fontana, who in 1952 found the building materials needed for five original brick buildings, laid out in an open pattern at the center of campus: Webber Hall, Geology, Physical Education, Watkins Hall and Life Sciences.

That spirit of persistence stayed with the campus as evidenced later in the year-long fight to start a biomedical sciences program in partnership with UCLA. Politicians alternately approved the money and then changed their minds. After many visits by UCR boosters, Governor Jerry Brown finally signed the bill. The first students started in 1974 and the UCR/UCLA Haider Program in Biomedical Sciences has since sent over 600 doctors through the medical school at UCLA, and countless others off to other medical schools and medical research careers.

Budget cycles over the years have also tested the stamina of the campus. Economic downturns or less than friendly governors have caused periodic layoffs, early retirement opportunities, downsizing of faculty and staff. But the overall growth trend of the campus has always meant that recovery was just around the next corner.

A quiet, academic environment in the midst of green foothills reminded some people of Scotland in the early years, a perception probably encouraged by Arthur Campbell Turner, a founding faculty member and administrator who spoke with a trace of Scottish brogue. The campus took on names such as Highlanders and Bannockburn, and adopted the Tartan-clad bagpipers that remain a tradition today.

Surrounded by orange groves and quite a distance from city development, UC Riverside for most of its life was the city on the hill, full of green expanses of lawn and shade trees, greenhouses and graceful colonnades. And always, new construction projects that meant larger classrooms and better equipped laboratories.

**Faculty**

In the beginning Provost Watkins scourved the country, hand-picking administrators dedicated to the most rigorous and culturally enlightened kind of personal instruction. Judy Baker Field, a freshman in 1954, remembered how faculty members had students over for dinner and held fireside chats on Sunday evening, or lunched with students at The Barn.

“Most of that faculty had been carefully recruited by Gordon Watkins and Dean Nisbet and Dean Olmsted and Arthur Turner and others,” she said. “They were hand picked because they were bright and they were ambitious. They wanted to show this system that they could put UC Riverside on the map with really good students. So, they were very proud of us when we did well. And they saw to it that we did well. They just couldn’t do enough for us.”

UC Riverside started out with 65 faculty members and 127 students on the first day of class, Feb. 16, 1954. “Never had so few been taught by so many,” Watkins quipped. But those days were short lived. In 1959 UC Regents approved a switch to a general campus, including graduate divisions, and the growth spurt was on.

With the exception of a period of falling enrollment in the 1970s, UC Riverside has always been recruiting faculty, starting new programs.

The world-class agricultural research that had been going on since 1907 in Riverside, while at first a separate operation next-door, gradually intertwined its research with the College of Natural and Agricultural Sciences, as it is known today.

Class sizes grew from the 10 to 30 students of the very early years to classes of 50 or 100 in the 1970s, making it easier for students to blend in to the mix.

Prof. Bill Mayhew, who taught biology at UCR from 1954 to 1989, said the teaching remained just as rigorous. But in the early days it was impossible to hide from the eyes of the instructor. “You stuck out if you weren’t prepared.” He said extremely small class sizes (in his first class he had a single student) account for UC Riverside’s reputation in the early years as academically more rigorous than other UC campuses.

**Students**

Generations of bright, creative students have come through UC Riverside, in fact, the campus now claims 55,000 alumni. For most of its history, UCR had the reputation of sending more people on to graduate studies than is typical in the UC system.

In every era, students have visited the concrete “C” on Box Springs mountain, whether to paint it gold or to modify it in some way. One group covered it with dirt and wrote a ransom note to the campus. A dedicated group made the “C” the second letter in the last name of “peace candidate” Eugene McCarthy, who visited the campus in 1968.

The first students seriously pursued their studies, but also community service and social clubs. They banned fraternities and sororities as too social and created personal challenges, such as finding the elusive “stone face” on Box Springs Mountain. They founded the Order of the Golden Thistle as an honor society devoted to advancing the intellectual life of UCR.

Greek life eventually did come to campus and remains a social focus for about 3 percent of the student body.

In the late ‘60s and early ‘70s, while newscasts showed pictures of shootings at Kent State and burning ROTC buildings, UC Riverside students dissected the intellectual merits of the protest itself, sometimes at great length. Perhaps due partly to the influence of a patient and avuncular Chancellor Ivan Hinderaker, who famously served coffee and donuts to one protesting group in 1969, protests never deteriorated into violence. Hinderaker himself, in a speech the following year to the faculty, credited an attitude on campus lent by its earliest pioneers, the ability to cope with change. “UCR has remained violence-free during this most trying period because hope has always existed – among students, among
faculties and among administrators—that, working together in concert, we could, somehow, find solutions to the problems that have threatened to divide, and on one or two occasions, destroy us.”

In May, 1970, students who went door-to-door in Riverside to talk about their opposition to the U.S. bombing of Cambodia were received courteously, if not enthusiastically, by average residents. The Press-Enterprise editorial the next day practically gloved with paternal pride: “If everyone continues to do as many things right as they have done so far this week … Riverside can be enriched in the understanding of a burning public issue while still protected on its civic peace.”

Programs/Research

Art and art history, music, dance and theater were all honored and encouraged by the early liberal arts emphasis, and that led to strong programs that lasted through the years. An early emphasis on dance, with founding faculty member Christena Schlundt, evolved into the first Ph.D. program in dance history in the nation. Prof. Schlundt, along with Dean of Women Loda Mae Davis and art history professor Jean Boggs, also left a mark on the campus when they sat on the steps of the established “Men’s Faculty Club” in a silent protest that eventually opened the doors of the club to women.

Professor of Music William Reynolds, another founding faculty member, brought his expertise to the creation of the 161-foot carillon tower, raised in the middle of campus in 1966, a true musical instrument with bells forged in France.

The expert instincts of faculty member Ed Beardsley brought a camera collection to campus that eventually evolved into the UCR/California Museum of Photography, now in downtown Riverside. And UCR is home to the Eaton Collection of Science Fiction and Fantasy, the largest catalogued collection of its kind in the world.

Similarly, the historians and political scientists of early UC Riverside built some of the first graduate programs to augment the undergraduate experience. Francis Carney, a founding faculty member in political science, remembers that he helped draft the proposals for the masters and Ph.D. programs almost immediately after the UC Regents declared UCR a general campus.

On the other side of campus, the entomologists and plant scientists who were so important in the early agricultural research continued to grow and prosper, applying their knowledge through the UC Cooperative Extension, a hands-on resource to California’s important agricultural industries.

Research centers important to quality of life in the surrounding area found homes at UC Riverside.

Research centers important to quality of life in the surrounding area found homes at UC Riverside, such as the statewide Air Pollution Research Center, the Dry Lands Research Institute, the Center for Water Quality or UC Institute for Mexico and the United States. Today citrus research remains a top priority, including the maintenance of the Citrus Variety Collection, an outdoor museum of 900 varieties of living citrus trees, a unique resource.

The Riverside campus, because of the lifetime efforts of Professor Mayhew and the generosity of Regent Philip Boyd who donated his Deep Canyon property, can claim credit for creating the UC system’s large research “backyard” made up of property representing California’s natural ecosystems, from desert to ocean, wetlands and sage. Today, the Reserve System of the University of California contains 133,000 acres of unspoiled wildlands available to researchers and their students from around the world.

“I couldn’t have asked people for the land for myself, but doing it for the university, I could talk to the devil himself to get the land,” Mayhew said. “So we were successful.”

Relations with the Community

The Citizens University Committee that first brought UC Riverside into existence is still in operation today. Among its members are campus boosters who have endowed faculty chairs and scholarship funds. One couple, Philip and Dorothy Boyd, funded the construction of the campus’ signature carillon tower. Another, Rupert and Jeannette Costo, endowed a faculty chair and left a large personal library of Native American recordings and papers to the campus.

The Press-Enterprise in conjunction with the campus started a Lecture Series in 1966 to bring prominent media figures to the community, such as Katherine Graham, James Reston, Howard K. Smith, George Will, Ben Bradlee and others to speak at the University Theatre.

A wide array of cultural and artistic performances has enriched community life, and outreach programs sponsored by the campus have helped teachers and students in K-12 schools prepare for higher education.

Faculty and students have often led political action in the community, including the drive to integrate the Woolworth’s lunch counter in the late 1950s and so many other causes related to the intellectual and political life of the community. Ron Lovejoy, a political science professor at UCR, was always a hands-on mentor to young people who wanted to work in government. Eventually, Lovejoy was elected to the Riverside City Council and is now Mayor.

Of course many faculty members served on city boards and commissions and in leadership roles in schools and churches, as just a natural part of living in Riverside. While the effect of that is hard to calculate, Riverside is undeniably a different place socially and culturally because of the influence of the people and resources of a major public research university.

And the original members of the Citizens University Committee, some of whom are still living in the area, look on with pride. Judge John Gabbert, one of the leading members of the CUC, said, “I don’t think anybody, anybody in the beginning had any conception of what we see today. This is like walking to the top of the mountain and suddenly seeing a great city in front of your eyes.”

The UCR Oral History Project contributed to this story.

www.ucrhistory.ucr.edu
By Ricardo Duran

A look at UC Riverside today reveals an established comprehensive research university – leading the way in some areas such as plant genomics, entomology and environmental sciences – and growing in others.

As the fastest growing of the University of California’s eight comprehensive campuses, UC Riverside has evolved over 50 years from a small liberal arts college with five buildings, 65 faculty and 127 students to a major research university with 264 buildings, 680 full-time faculty and 17,200 students.

Today’s UC Riverside is also a regional economic engine, in 2002-2003 pumping more than $543 million into the surrounding region – one of the fastest-growing and most diverse areas of the nation.

Research and innovation at UC Riverside contributes to a wide range of industries from agriculture to digital media and information technology. In the 2002-2003 fiscal year, UC Riverside added 42 invention disclosures to its portfolio of 210 inventions, according to the UC Riverside office of Intellectual Property Services.

Getting to that point wasn’t easy. Combining the old tradition of the small liberal arts college with that of the research university was the tricky part, according to Chancellor Raymond Orbach, who oversaw UC Riverside’s explosive growth of the 1990s.

“It wasn’t that there was anything wrong with being a liberal arts campus,” Orbach said. “The trick was to marry that with the research function, which, it turns out, many liberal arts colleges have.”

As Orbach noted in his UCR Oral History interview, making that shift meant dealing with faculty members from both perspectives, and the tensions that developed as liberal arts and research meshed. Orbach’s job, and that of every chancellor since 1961 when graduate programs started, was to retain what the liberal arts-minded faculty wanted while promoting the research enterprise.

“And I think that is one of the things that interested me most about Riverside, was mirroring the two functions and showing the world that it was possible to do both, to have a liberal arts experience and be a top-flight research university,” said Orbach.

The Physical Environment

Post-war G.I.s and the baby boom generation may have fueled the birth and growth of UC Riverside in the early years, but it was their children who have
propelled the growth of the campus through its adolescence toward becoming the research university of today.

The modern era of UC Riverside is marked by explosive growth as the children of the baby boomers reached college age, a phenomenon known as Tidal Wave II, creating demands for space that sparked a building boom in the 1990s. The growth spurred the hiring of faculty in rapidly diversifying disciplines. That, in turn, spawned the development of new programs and of new areas of research at UC Riverside. Interdisciplinary approaches emerged which, in turn, are helping develop the programs that will guide the campus into the future.

When Orbach arrived in April 1992, there were about 8,800 students at UC Riverside. When he left in December 2001, more than 14,400 students were enrolled. During his tenure, UC Riverside added about one million square feet of new classroom, laboratory and office space.

Construction in the 1990s included:

• The $17 million addition to Lothian Hall, which opened in 1992.
• The 60,600-square-foot Student Recreation Center, a $14 million project that opened in January 1994.
• The 104,270-square-foot Marlan and Rosemary Bourns Hall at the College of Engineering, a $46.5 million project, completed in November 1994.
• The 107,250-square-foot Humanities and Social Sciences building, a $19.5 million job, completed in July 1996.
• University Village, a shopping, office, classroom, and restaurant complex built in cooperation with the Riverside City Redevelopment Agency. The first phase, a $35 million project, was completed in January 1997.
• The 106,000-square-foot Science Library, a $31.7 million project, was completed in November 1998.

Construction continued at a rapid pace the following decade.

Officials dedicated a $26 million arts building in May 2001, a 55,000-square-foot project with performance space, classrooms, dance studios and a computer laboratory.

Also in May 2001, Orbach dedicated a $15 million, 28,000-square-foot insectary and quarantine facility; the only one of its kind in the state. The facility advances the study of exotic pests, the evaluation of potential natural enemies and the development of genetically modified plants and insects.

Today pressure for continued construction remains intense in the face of state budgetary problems. The projected student population at UC Riverside is expected to reach 25,000 by the 2015-16 academic year.

Student housing currently offers beds to a little less than a third of UC Riverside students. The campus goal is to increase housing availability to roughly half of UC Riverside students by 2015 by adding 3,000 new residence hall beds and more than 5,000 apartment beds.

Examples of current projects include:

In September 2002, construction began on a new 90,000-square-foot engineering building scheduled for completion in the fall of 2004. It will provide teaching and research space in computer science and engineering, and in electrical engineering.

“Our second engineering building is under construction and a third is already on the drawing boards,” said Satish Tripathi, dean of the Bourns College of Engineering.

In January, UC Riverside and Palm Desert officials toasted the beginning of construction of its two-building, 44,800-square-foot Palm Desert campus. The project will provide a home to the Richard J. Heckmann International Center for Entrepreneurial Management.

The Faculty

Physical expansion is but one aspect in the growth of the Riverside campus, a university bent on excellence and distinction, and that’s where faculty and leadership come in.

Key Leadership Appointments

Astrophysicist France A. Córdova arrived on July 1, 2002 with a distinguished administrative and scientific background to become the seventh chancellor of UC Riverside. She was vice chancellor for research at UC Santa Barbara before coming to Riverside, and before that, had been chief scientist at NASA. She has since made key appointments to move the campus forward.

In February 2004, Córdova appointed Ellen A. Wartella, Executive Vice Chancellor and Provost, the second-in-command position at Riverside.

“She brings a strong record of administrative and academic accomplishments to UC Riverside and we look forward to working with her,” Córdova said. Wartella assumes the post on July 1.

Wartella has served since 1993 as the dean of the College of Communication at UT Austin, the most comprehensive communications college in the nation, and under her leadership, it has become the most sought after college in the UT system.

In January 2004, Rajiv D. Banker, a recognized leader in interdisciplinary research on management and accounting, took the helm at the A. Gary Anderson Graduate School of Management at UC Riverside. He joined UCR from the University of Texas, Dallas campus.

His stature in academia is expected to help in recruiting top-notch faculty and students from around the world, according to Córdova.

She also created a post on Excellence and Diversity Issues and filled it with Yolanda T. Moses, an expert on cultural change in higher education, cultural diversity and public policy issues. She is also a UC Riverside alumna, receiving her doctorate in anthropology from Riverside in 1976.

“Her knowledge, experience and national leadership in the field of cultural change and diversity are well suited to assist the campus at this critical time of growth and opportunity,” Córdova said.

Faculty Hires in Critical Areas

Along with administrative leadership for the campus, hiring has progressed for faculty in key areas where continued growth is expected.

Building on a solid foundation, the College of Humanities, Arts & Social Sciences (CHASS) hired 20 new professors for Fall 2004 including several innovative and stellar scholars.
“Our already stellar faculty has enabled us to recruit the very best scholars in the country and the world,” said CHASS Dean Patricia O’Brien. “We have an excellent cross-section of very experienced people and newly minted professors and I’m very excited about the superb teaching and research excellence we will see coming from these new members of the college this year.”

Among the established scholars is Hendrik Maier, appointed director of Southeast Asia Studies, a program that combines performing arts with literature and culture, and an area that is a high priority for the college. He held the world’s most prestigious chair in Southeast Asian Studies at Leiden University in Holland before joining UC Riverside. Maier had taught at Kyoto University, Cornell University and UCLA as a distinguished visiting professor.

The Bourns College of Engineering has hired 13 new professors for Fall 2004 including Jerome Schultz from the University of Pittsburgh, to be a distinguished professor of chemical and environmental engineering and to lead a new bioengineering center, one of two new research centers at the college.

“We are especially pleased to be welcoming Professor Schultz at a time when UC Riverside is engaged in an initiative related to the health sciences,” said Tripathi. “Bioengineering is a critical piece of the college’s plan for the future.”

In Fall 2003, nine new professors were added to the faculty at the A.Gary Anderson Graduate School of Management, adding depth in some areas, and invigorating other areas of research.

UC Riverside has also attracted in recent years, three internationally prominent chemists including, Guy Bertrand, of France; and from New Zealand, Christopher Reed and Robert Haddon to spearhead new research initiatives in chemistry and nanoscience.

Internationally respected Russian-born Plant Cell Biologist Natasha Raikhel came to UC Riverside from Michigan State University in 2000 to found the CNSE, where he has assembled a team of 25 faculty from engineering, cell biology and chemistry and nanoscience.

Robert C. Haddon, distinguished professor of Chemistry and Chemical & Environmental Engineering, leads UCR’s nanoscience efforts. He joined UC Riverside in 2000 to found the CNSE, where he has assembled a team of 25 faculty from engineering, cell biology and health and environmental quality.

One of its major programs is the Center for Plant Cell Biology, the first research center of its kind in the nation. It capitalizes on UC Riverside’s existing strengths in plant sciences, advancing plant genomics to unlock the potential of crops for greater productivity with less stress on the environment.

Research efforts also focus on insect genomics, microbial genomics, mammalian genomics and bioinformatics. Through an associated Biotechnology Impacts Center, scholars also explore the policy dimensions of biotechnology, considering the social, economic, environmental and ethical impacts of these new technologies.

**Air Quality**

UC Riverside has a well-established reputation in air pollution research. Its Air Pollution Research Center, established in 1961, has been on the forefront of advances in the study and measurement of man-made and natural pollutants, the development and testing of ways to measure smog, and the effects of air pollution on plants and crops important to the state’s agriculture.

Newer areas include the development of the College of Engineering’s Center for Environmental Research and Technology (CE-CERT), involved in research for transportation systems of the future; converting biomass, such as yard waste, into vehicle fuel; using computer models to evaluate the impact of roadway improvement on air quality; and developing alternative-fueled engines and vehicles.

**Nanoscience**

An emerging research field is nanoscience – the science of things at one one-billionth of a meter or 100,000 times smaller than a human hair. UC Riverside has two relevant research centers. The Center for Nanoscale Science and Engineering (CNSE) and the Center for Nanoscience Innovation for Defense (CNID). Nanoscience has applications in everything from medicine to computer chip technology.

Robert C. Haddon, distinguished professor of Chemistry and Chemical & Environmental Engineering, leads UCR’s nanoscience efforts. He joined UC Riverside in 2000 to found the CNSE, where he has assembled a team of 25 faculty from engineering, cell biology and health and environmental quality.

One of its major programs is the Center for Plant Cell Biology, the first research center of its kind in the nation. It capitalizes on UC Riverside’s existing strengths in plant sciences, advancing plant genomics to unlock the potential of crops for greater productivity with less stress on the environment.

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**Programs and Research**

From its beginnings as a liberal arts college, UC Riverside has grown to prominence in a variety of research areas, such as:

**Genomics**

The UC Institute for Integrative Genome Biology, established in 2000, reaches across many academic units on campus. The Institute's work fosters innovations that will help advance our quality of life – from greater agricultural productivity and more nutritious foods to improved human health and environmental quality.

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neuroscience, chemistry and physics. UC Riverside is in partnership with UC Santa Barbara and UCLA in the CNID effort to develop technologies applicable to the nation’s defense.

Environmental Initiative

The environmental challenges facing the globe in the next 100 years will be unprecedented in scope and impact and the campus is preparing for the challenge with the UC Riverside Environmental Initiative. It will marshal the resources of several research centers with eminent faculty involved in environmental and biological sciences. Collaboration among research units such as the Center for Conservation Biology, the College of Engineering Center for Environmental Research and Technology (CE-CERT), the Air Pollution Research Center, the USDA Forest Fire Laboratory, and the departments of Environmental Sciences and Earth Sciences would form an early nucleus of the initiative.

Ideas and Society

In 1989, UC Riverside established the Center for Ideas and Society in response to The Humanities Initiative of the Office of the President of the University of California. The center bridges departmental divisions to create a more robust and nuanced understanding of many topics. Under the leadership of University Professor of English Emory Elliott, the center brings faculty and graduate students together with visiting scholars to explore an array of interdisciplinary topics, such as feminist efforts to combat militarization or the role of religion in ethnic conflicts. In 2000, the center received $580,000 in Ford and Rockefeller foundation grants for projects that study the impact of cultural diversity on society and the arts in the United States.

Professor of Sociology Scott Coltrane and Ross Parke, distinguished professor of psychology, are working on a five-year comprehensive research project on how fathers and stepfathers influence the mental health and behavior of teenagers. They are working with Arizona State University and are funded by a $3.5 million grant from the National Institute of Mental Health. “While the role of mothers has been well-studied, researchers have paid scant attention to fathers,” said Coltrane. “We would like to help enlarge the literature about what makes families work and how both fathers and mothers can help their children through the sometimes turbulent adolescent years.”

These are just a sample of the wide variety of programs, research centers, museums and performance sites under the umbrella of the College of Humanities, Arts and Social Science, which encompasses the dancers who helped found the nation’s first Ph.D. program in dance history and theory and the anthropologists who radiocarbon-dated the bones of Kennewick man.

Relations with the Community

Community support is vital for the successful growth and expansion of a university. UC Riverside has consistently worked at developing and nurturing a good relationship with the surrounding community.

From an Athletics booster club to advisory groups to Chamber of Commerce committees there are numerous on and off campus groups involved in maintaining relations between campus and the community. Some examples include:

Citizens University Committee

Perhaps the most deeply rooted support group is the Citizens University Committee, which formed to lobby the California State Legislature to locate a campus of the University of California in Riverside. Today the CUC provides a means for the community to tap into the cultural, intellectual and social vitality of the UC Riverside campus. The group hosts monthly breakfasts, which highlight the latest in research initiatives and faculty achievements.

University Eastside Community Collaborative

Founded in 1995, the University Eastside Community Collaborative seeks to improve the university’s connections with the community and schools by serving the children in the Eastside of Riverside. The collaborative develops a variety of programs in partnership with the community. One of UECC’s recent activities was the production and performance of the play Eastside Story, written and performed by high school students. The play deals with ways to nonviolently resolve issues of racism and crime in the Eastside neighborhood of Riverside using the values taken from humanitarians such as Gandhi, King, MLK and others.

Contracts & Grants by Source, Fiscal Year 2002-2003

- FEDERAL 65% ($56.1M)
- NON-PROFIT 12% ($10.5M)
- OTHER GOVERNMENT 3% ($2.8M)
- INDUSTRY 4% ($3.4M)
- STATE 7% ($6.3M)
- UC 9% ($8M)
- OTHER SOURCES 8.3% ($1.6M)
- INDIVIDUAL: CORP SECTORS 7.4% ($1.4M)

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April 20, 1992 – Raymond L. Orbach becomes the campus’ sixth Chancellor and seventh chief executive officer.

October, 1994 – UC Riverside and Harvard University are tied for first place in the number of faculty members elected as fellows of the American Association for the Advancement of Science (AAAS).

1996 – UC Riverside entomologists and plant pathologists proved that wheat grown in the state was extremely unlikely to spread Karnal bunt disease. A national outbreak of the fungal-produced disease had caused the USDA to order crop destructions and quarantines in several states. The USDA was able to lift the quarantine, saving growers as much as $1.2 billion in revenues had the quarantine remained in effect.

January, 1997 – Hugh Davis Graham and Nancy Diamond, researchers at Vanderbilt University and the University of Maryland, give UC Riverside the top spot in the nation among public universities for per-capita faculty productivity.
as Cesar Chavez and the Rev. Martin Luther King, Jr. and Nelson Mandela.

Neighbors and Friends of UC Riverside is a coalition of neighborhood residents, students, staff, faculty, city government and nonprofit organizations formed to increase communications among students, administration and the surrounding community. As UC Riverside grows and expands one of the goals of the group is to resolve misunderstandings before they become conflicts.

The Foundation of Fundraising

UCR’s 2002-03 income of $466.4 million came from multiple sources. As state funding to the campus has been reduced due to the budget crisis, more emphasis is placed on securing contracts and grants and increasing private giving.

The fundraising arm of UC Riverside is the UCR Foundation. As the catalyst and conduit through which philanthropic resources flow to the institution, the UCR Foundation’s success depends upon the growing numbers of dedicated alumni and community-based donors and volunteers.

Established in 1977 under California law, the UCR Foundation administers and records all philanthropic gifts in accordance with each donor’s wishes. It is overseen by a volunteer Board of Trustees with elected officers, and is staffed by a team of development officers who are University employees.

A look around the campus at Bourns Hall, Anderson Hall and Costo Hall, among others, tells the story of generous campus donors who have honored a family history and legacy as they have built, literally, the excellence at UC Riverside.

The UCR Foundation is spearheading its first-ever campaign: Evolutions: UCR’s 50th Anniversary Campaign. The effort seeks to raise $50 million.

Friends and alumni of UC Riverside supported the campus by contributing about $19,528,000 in 2002-2003. Some of the major gifts received in 2002-2003 included:

- A gift of $2 million from Ali Sahabi and SE Corporation to create the Center for Sustainable Suburban Development. The multidisciplinary research center will explore social, economic, environmental and public policy challenges that face fast-growing regions like Inland Southern California.
- An anonymous gift of $1 million to the Marlan and Rosemary Bourns College of Engineering to support the college’s second building, Engineering II.
- A $1 million gift from Richard J. Heckmann for the Richard J. Heckmann International Center for Entrepreneurial Management, the flagship building of UC Riverside’s Palm Desert Campus. Heckmann previously gave a $5 million gift toward the center.
- An award of $1.25 million from the W.M. Keck Foundation to the UCR Institute for Integrative Genome Biology, which will provide proteomics instrumentation for studies to enhance the world’s food supply.
- A $500,000 gift from Katrina Heinrich-Steinberg to establish the Katrina Heinrich-Steinberg Reentry Scholarship Endowed Fund for students returning to the university later in life.
- A $300,000 gift from Amy Harrison, a distinguished UC Riverside alumna, to renovate the women’s softball field.

Of the $19,528,095 raised for UC Riverside in 2003, nearly half came from corporations, which at $8,686,653, accounted for 44 percent of private giving. Foundations made up a bit more than a quarter of private giving with $5,268,245; while individuals who are not alumni gave the next highest proportion, 12.7 percent or $2,485,164. Alumni gave $1,444,501, nearly 7.5 percent. Campus related organizations and other sources rounded out the private giving.

“I sincerely appreciate the generosity of our donors,” said Chancellor Córdova. “Their continued support is critical for UC Riverside to succeed as a premier research university, with world leadership in select academic areas and to engage our region, state and nation as a catalyst for social, cultural and economic development.”

Contracts and Grants

The other source of UC Riverside’s extramural funding comes from contracts and grants, which in 2002-2003 accounted for $87.1 million. Nearly two-thirds of all contracts and grants came from Federal Agencies, totaling $56.1 million. State, nonprofit and UC programs brought in about 28 percent of the total or $24.8 million. Industry sponsors and other governmental agencies accounted for 7 percent or $6.2 million in contracts and grants.

Of the federal sources, the National Institutes of Health were most generous, accounting for a quarter of all federal dollars flowing to UC Riverside. The National Science Foundation came in second with 21 percent, followed by the Defense Advanced Research Project Agency (17 percent), the U.S. departments of: Agriculture (10 percent), Defense (7 percent), Education (6 percent), and Energy (5 percent).

Private Giving by Source, Fiscal Years 2002-2003

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<tr>
<th>Source</th>
<th>Percent</th>
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<tr>
<td>Corporations</td>
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<tr>
<td>Campus-Related Organizations</td>
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<td>$15,115</td>
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<tr>
<td>Individual: Alumni</td>
<td>7.4%</td>
<td>$1.4M</td>
</tr>
<tr>
<td>Individual: Others</td>
<td>12.7%</td>
<td>$2.5M</td>
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<tr>
<td>Foundations</td>
<td>27%</td>
<td>$5.3M</td>
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<tr>
<td>Other Sources</td>
<td>8.3%</td>
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<td>9%</td>
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<tr>
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<td>$10.5M</td>
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April, 1998 – A majority of voting students approved a plan to move UCR to NCAA Division I for athletics, a move that would raise the campus’ profile and increase the budget for scholarships.

March, 2000 – UC Riverside is accepted into the Big West Conference for athletic competition and in September, athletes first play Division I schedules.

April, 2001 – Students overwhelmingly approve fee increase for new $30 million Commons.
By Kathleen Peach

Envisioning UC Riverside’s future in the next ten to 15 years inspires appreciation for the strong and stable foundation forged on the campus over the past 50 years. Traditions of academic excellence, cutting-edge research and community engagement have positioned the campus well for the next phase in its evolution.

While attempting to predict the future is risky, the characteristics that have made UC Riverside a place of pride are certain to play a significant role in the future.

Driven by its academic mission and the assumption of a campus population of more than 32,000 by 2015 (including students, academic employees, staff employees and other individuals), campus planners are now in the process of updating UC Riverside’s Long Range Development Plan that will guide expansion and development for the next decade.

This detailed plan developed with input from a wide cross-section of the campus community is dedicated to a carefully-crafted set of land use planning principles. The plan considers creating an environment that will accommodate the expected growth, provide flexibility for the changing nature and increased use of technology in instruction as well as preserving an “open spaces” culture so closely associated with UC Riverside’s character and natural landscape.

Physical Environment

The campus has clearly aged gracefully and retains a physical charm and beauty that is often cited among its best features. From recruiters hosting prospective students to first-time visitors from other UC campuses, the comments almost always sound the same – “I had no idea it would be such a beautiful place.”

Growth on the East Campus from the inner core of the original set of buildings out is nearing completion and development on the West Campus will be the prime focus for long-term planning. These are some of the factors that influence the campus’ long-term planning process:

• Based on current growth projections, the campus will have added nearly 6.5 million Gross Square Feet of space by 2015, more than double the current GSF, bringing the campus to a total GSF of about 11.8 million.

• The goal for on-campus housing will rise from the current 35 percent of the student population to 50 percent, or approximately 12,500 students, by 2015.

• By 2015 some 15,500 spaces, more than double today’s number, will likely be required to meet demand for parking. The new spaces will be distributed in parking structures and surface lots.

July 1, 2002 – France Córdova, a nationally recognized astrophysicist, takes over as chancellor. In March, 2003, UC President Richard Atkinson and California Gov. Gray Davis preside over the formal inauguration before chancellors, university presidents and faculty members.

October, 2002 – The ALPHA Center, in partnership with the Jurupa Unified School District, announce a $4.9 million grant, part of the federal “No Child Left Behind” act, that will be used to develop a program focused on improving teacher subject knowledge and student achievement in mathematics and science.
High levels of pedestrian, bicycle and shuttle travel will replace private automobiles as the core of the campus becomes less accessible to vehicle traffic.

Planning Principles Summary

Campus planners have consulted with a variety of interested parties and have developed these basic principles:

- Provide a full mix of uses on both the East and West Campus areas, including academic, housing, support and recreation.
- Focus high activity uses in places that promote interaction between the campus and the community.
- Locate professional schools so they are conveniently accessible from campus entries at University Avenue and Martin Luther King Boulevard.
- Allow the boundaries between colleges to become less distinct with interdisciplinary facilities and activities fostering interaction throughout academic areas.
- Build housing in identifiable neighborhoods or districts to foster community and interaction, with informal outdoor areas and/or parks, convenient to recreation areas, especially fields, courts and fitness facilities.
- Locate public-oriented facilities (performance, sports, conference center, etc.) near the main campus entry at University Avenue or near other prominent entries to the campus to be visible and accessible for visitors.

Faculty and Students

The freshman of 2015 are right now in first or second grade and very likely in the process of losing their baby teeth. The faculty who will teach them could well be in the ranks of our current undergraduate students.

Aside from anticipating greater numbers of both, likely to be in the range of 23,000 for students and 1,250 for faculty, what else do we know about future Highlanders? Current demographic trends suggest they will most certainly be more ethnically diverse, may still be the first in their family to attend college and to speak English as a second language.

According to projections by the U.S. Census Bureau 33 percent of California’s population will be under the age of 20 in 2025 making the state the second highest in the U.S. for this age group. At the same time, California is projected to have the largest number of international migrants at more than eight million.

Planning is currently underway to increase the proportion of graduate students in the overall student population. With a rapidly expanding research portfolio at UC Riverside and a focus on increasing contributions to fund scholar- ships, fellowships, and faculty chairs, the number of graduate students is projected to be at or near the UC average of 20 percent.

Programs and Research

The changing nature of academic programming is already evident and will become more pronounced in the next decade as the development of innovative inter-disciplinary programs continues to grow. The combination of arts and computer science for example, or engineering and biotechnology, or arts and entrepreneurial management are but a few areas drawing on traditional core strengths of the campus to form a foundation on which new programs are developed. Examples of emerging areas include:

UCR Palm Desert Campus

Scheduled for completion in spring 2005, the 21,209-square-foot Richard J. Heckmann International Center for Entrepreneurial Management will include teaching and meeting rooms, teleconferencing and distance learning spaces, computer labs, faculty and administrative offices, and center support rooms.

Complementing the Heckmann Center is an as yet unnamed 23,600-square-foot educational facility designed to hold a 350-seat conference assembly space, teleconferencing and distance learning area, class and meeting rooms, computer labs, faculty and administrative offices, and support areas.

“We are trying a new approach to graduate education at UCR Palm Desert,” said Chancellor France A. Córdova. “We will be offering joint degree programs that integrate the core strengths of the Riverside campus, such as environmental science and engineering, with a management degree. This is an innovative alternative to the present graduate curriculum of most institutions. We hope to produce graduates with a sound knowledge of a discipline who are positioned to lead companies and institutions in key sectors, like the environment, hospitals, the arts or nonprofits.”

Health Sciences Initiative

UC Riverside’s strong foundation in medical education and biomedical research are key factors in the planning process for the campus’s Health Sciences Initiative. Key faculty, prominent members from the regional medical community and a distinguished Blue Ribbon Panel will be working in parallel to help determine how the campus can enhance its position in medical education and research in a way that addresses the needs and issues of the region’s growing population.

In addition, the expanded research in biomedical sciences anticipated with the Health Sciences Initiative is likely to produce and attract biotech companies, resulting in a higher technology profile for Inland Southern California. UC Riverside’s role as an economic engine for the region is expected to increase with the expansion of its medical education program and biomedical research, boosting the social, economic and educational health of the Inland region.

Center for California Native Nations

Again, the campus’ history will be evident in the development of its future. Rupert Costa, a Cahuilla, helped found the campus. In 1986, he and his wife Jeannette Henry Costa, a Cherokee, endowed the Costa Chair of American Indian Affairs and bequeathed their considerable library and collections to establish the Costa Library of the American Indian and Costa Archives at UCR.

With Cahuilla, Serrano, Chemehuevi, Luiseño, Kumeyaay, Cupéño, and Tongva tribes located near campus, the Center for California Native Nations is planned to strengthen the relationship between the University and Native populations.

Through curriculum, residential programs, conferences, publications, archives, and Web-based media about land

Nov. 23, 2002 – Former NASA astronaut Sally Ride was on campus for a festival for young girls interested math and science and technology careers. More than 700 participants attended.

Jan. 27, 2003 – The W. M. Keck Foundation awarded a $1.25 million grant for the establishment of the W. M. Keck Proteomics Laboratory within the Center for Plant Cell Biology in the Genomics Institute. The award will allow the institute to purchase proteomics instruments to study functional genetics in key plants, insects, and pathogens that are important for protecting the world’s food supply.

May 27, 2003 – In its second year of Division I play, the baseball team lands a spot in the West Regional of the National Collegiate Athletic Association tournament. With a ranking of 18th in the nation from Baseball America, this is the first baseball team in school history to reach the NCAA postseason.
and natural resources, economic development, heritage, language, and culture, the Center will inform policy-makers about the implications of governmental and corporate actions.

Using an interdisciplinary approach, the Center will encourage original research important to California’s Native Nations by Native Americans, University of California faculty, and graduate and post-graduate students. Areas of research include:

- Economic development and diversification;
- Environment, with an emphasis on resources, land use, pollution, and contamination of repatriated items;
- Education, with a focus on opening higher education to underrepresented native people;
- History, with a focus on policies, social change, racial issues, laws, and public history;
- Culture, with a focus on language preservation, arts revitalization, religious freedom, cultural patrimony and repatriation issues;
- Public policy, including state laws affecting tribes, public health, water, natural resources, police protection, land use, with a focus on preserving cultural and biological resources; and
- Health, emphasizing public health, children, primary care, and preventive medicine.

Center for Sustainable Suburban Development

Suburbs have become the dominant form of urban growth around the world. The Edward J. Blakely Center for Sustainable Suburban Development at the University of California, Riverside was established to provide research and analysis with a policy focus on the wide range of issues the suburbs confront.

The Center is rooted in its locale, for Riverside and San Bernardino counties offer an unrivaled laboratory for studying the issues related to suburban growth.

The Center will be rooted in its locale, for Riverside and San Bernardino counties offer an unrivaled laboratory for studying the issues related to suburban growth.

The Center's work will be multi-disciplinary. The suburbs, as human artifacts, touch on all aspects of human experience—from interactions with species, through the planning of communities that meet all human needs, to the questions of how to govern and finance those communities.

The burgeoning suburbs must be sustainable not only in making sensible use of resources such as energy and water, they must be sustainable because they meet, and continue to meet, human needs for housing, jobs, shopping and recreational activities.

Whether in the Center’s neighboring communities, or on the fringes of cities around the world, it is clear that suburban development will take place. The challenge is to plan and direct that development to make the communities it creates livable now and sustainable for the future.

The Barbara and Art Culver Center for the Arts

The campus, already a national center for the Humanities, will play a major part in expanding Riverside’s role as the cultural center of the region. The Barbara and Art Culver Center for the Arts will be an interactive arts facility to be housed in a renovated version of the historic Rouse Building in downtown Riverside. It will include exhibition and retail space, a film and video screening room and graduate and faculty offices.

Our next generation of poets, fiction writers, screenwriters, playwrights, choreographers and performers will have the opportunity to study, train and perform in an environment that also encourages their participation in community based UCR arts and social projects that develop and become an integral part of the Riverside community.

Community Relations

Always the envy of the UC system for its strong support from the community, the ties to the City of Riverside and throughout the region have the potential to grow even stronger as the campus develops an expanded role as a prime economic engine.

University Research Park, a community partnership with the City, Riverside County and the campus, may have outgrown its original 39-acre site and be into its 17-acre Phase II expansion as biotech companies are drawn to the research and highly trained professionals at UC Riverside.

One can only imagine the incredible opportunities and developments stemming from UCR’s growing activity in genomics, nanoscience, materials science and engineering, environmental sciences and air and water quality research.

UC science and engineering graduates working in California’s key industries such as biotechnology, computers and semiconductors, information technology, telecommunications and digital media/entertainment are projected to generate about $7.4 billion in Gross Regional Product during the next decade, according to a March, 2003 study of the UC’s contribution to the state’s economic growth, health and culture.

A growing “Town and Gown” relationship between the campus and the City will fuel continued University Avenue redevelopment as an increasing campus population and development on the West Campus generate more demand for goods and services from local businesses.

With a dedication to excellence in all endeavors, it is exciting to imagine what may lie ahead for this campus. Perhaps a Rhodes Scholar? An NCAA Division I championship? Possibly a Nobel Laureate? Whatever the markers of success, UCR will remain a source of pride for those who experience the Highlander Blue and Gold.
In response to the latest round of deep California state budget cuts and sharp student fee increases, Chancellor France A. Córdova announced a public two-year, $50 million fund raising campaign in commemoration of UCR's 50th anniversary. The primary goal of this campaign is to enhance student education by significantly increasing philanthropic support for current and endowed undergraduate scholarships, graduate fellowships, faculty chairs and academic programs.

"UC Riverside has much to be proud of as together we mark the 50 year milestone in the campus's history," said Chancellor Córdova. "Since our first pioneer class in 1954 we have continued to grow in excellence, and we have built a strong foundation for teaching, research, and public service. The distinguished achievements represented by our 55,000 alumni evidence that quality higher education serves the State and nation superbly well. Yet this quality of education and its affordability to students are now challenged by proposed large fee increases and severe cutbacks in all major areas of the university. A campaign to enhance student education is urgently needed to maintain affordability and quality in the education UCR delivers."

Today approximately 40 percent of UCR's undergraduates come from families with an average income of $19,500 per year. Meanwhile, the 2003-04 cost of attending UCR for a student living on-campus is $16,751, which includes $5,951 for fees, $9350 room and board, and $1450 for books and supplies.

"College is not cheap," said Nelly Tan, fourth year Biomedical Sciences major. "Students have to pay for tuition, housing, books, food, personal items and the list goes on. Receiving the Brithinee Scholarship gave me the resources I needed to aid my learning and enhance my performance in ways that other students find it difficult to do because of financial limitations."

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By embarking on Evolutions: UCR's 50th Anniversary Campaign, the University also hopes to bring visibility to a range of campus-wide educational initiatives critical to the educational experience of students and to the growth of the campus. With student enrollment projected to reach 25,000 students by the year 2015, UCR seeks to provide much needed resources to its
faculty through the establishment of new endowed faculty chairs in each of our major college units. Other current projects include:

1.) The downtown Riverside Culver Center of the Arts, an interactive center that includes performance, studio, gallery and retail space located in the historic Rouse building in downtown Riverside.

2.) Engineering II, a state-of-the-art classroom and lab building for the School of Engineering to house the departments of Computer Science and Engineering and Electrical Engineering.

3.) The Heckmann International Center for Entrepreneurial Management at the UCR Palm Desert Campus.

4.) The UCR Institute for Integrative Genome Biology, a cross-disciplinary program focused on insect genomics, plant cell biology, bioinformatics and more.

5.) The UCR Libraries, including the combined collections of the Tomas Rivera Library, Science Library and Media Library.

6.) The UCR Environmental Initiative, an umbrella Initiative that will integrate the research activities of the Center for Conservation Biology, the College of Engineering–Center for Research and Technology, the Air Pollution Research Center, the Center for Water Resources, and the Center for Sustainable Suburban Development.

Large cutbacks in state funding for the UC system, amounting to about $530 million over the past three years, have come in the face of a double-digit increase in enrollment. The urgency to raise funds for scholarships and fellowships is the centerpiece of the 50th Anniversary Campaign.

Further details about the 50th Anniversary Campaign and online giving opportunities can be found at www.campaign.ucr.edu.

2003-04 Trustees Award Recipient: S. Sue Johnson

The UCR Foundation Trustees honored S. Sue Johnson with the 2003-04 Award for Extraordinary Service at the fourth-annual Evening of Recognition. Sue is a UCR alumna ('62, BA in History), a founding member of the UCR Foundation Board of Trustees who still plays an essential role, a UC Regent from 1988 to March 2000, and a Laureate of UCR with her husband Bill (pictured here). Sue exemplifies the tenets of the award and joins the august list of past recipients: the Honorable John Gabbert in 2000-01, Jacques S. Yeager, Sr. in 2001-02, and Henry W. Coil, Jr.in 2002-03.

50th ANNIVERSARY CAMPAIGN GOALS

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<th>Goal</th>
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<tr>
<td>Annual Giving to UCR</td>
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<td>Campaign Total</td>
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There are many ways for donors to make a meaningful and lasting impact on UCR. Gifts may take many forms and can be made in one lump sum or pledged over one to five years. All gifts or pledges made from Jan. 1, 2003 to Dec. 31, 2005 will be counted as part of “Evolutions: UCR’s 50th Anniversary Campaign.” For more information and assistance in planning a donation, or to make a gift online, go to www.campaign.ucr.edu or contact the UC Riverside Foundation at 909/787-5611.

OUTRIGHT GIVING

CASH AND SECURITIES
Contributions of cash and appreciated securities are simple to do, and provide immediate tax savings. Additionally, gifts of this kind benefit the University now.

CHARITABLE LEAD TRUSTS
A Charitable Lead Trust can provide immediate cash gifts from the trust income to the Campaign for a stated period of years. After that time, the appreciated assets return to you, or transfer tax-free to your heirs.

GIFTS OF PERSONAL PROPERTY
Almost any form of property, such as works of art, antiques and other personal items can be a suitable charitable gift. In many cases, the full appraised value of the property on the date of the gift will be credited to the Campaign.

GIFTS OF REAL ESTATE
The tax benefits of appreciated real estate provide you with an immediate tax deduction, and capital gains tax savings. Real Estate can be made now or through your will or living trust. Donors can also make a tax-deductible current gift of their home while continuing to live in and enjoy it for their lifetimes with a gift of retained life interest.

GIFTS OF INTELLECTUAL PROPERTY
Gifts of intellectual property such as copyrights, patents, royalties, licenses, and technical data are welcome. The tax and legal provisions that govern these gifts vary according to the type of property.

DEFERRED GIVING

GIFTS BY WILLS OR LIVING TRUSTS
Gifts may be made by will or through a revocable living trust. Gifts by bequest may result in estate tax savings and can be established to enhance an endowed fund that will honor the donor or loved one in perpetuity or to establish a named or memorial fund.

GIFTS OF LIFE INCOME
There are many types of planned gifts for those interested in making significant gifts while enjoying increased income and an immediate charitable deduction. This type of gift includes Charitable Remainder Trusts, Pooled Income Funds, and Charitable Gift Annuities.

Other deferred gifts include Life Insurance and Retirement Plans. For details, contact UCR’s Office of Gift Planning at (909)787-6449.

Aniket Sawant
Graduate Student, Engineering Major

Originally from Mumbai, India, Aniket Sawant is the latest recipient of the William R. Pierson/Ford Graduate Fellowship. He is pursuing his MS degree through UC Riverside’s Chemical and Environmental Engineering department. Sawant hopes to eventually join a regulatory agency with the potential to improve the air quality and environmental standards of emerging industrialized nations. He works at the College of Engineering Center for Environmental Research and Technology (CE-CERT).

How is your work helping UCR transform the world?
CE-CERT’s research has always impressed me with its immediate relevance to real-world problems. The faculty and students are addressing complex issues of immense value to future generations, such as developing alternative fuels to lessen our dependence on petroleum. Improving the quality of our air is an issue of worldwide importance, and I’m proud to be contributing in some small way to our understanding of it.

What concerns you most about the world today?
I see rising concerns over terrorism potentially giving a backseat to age-old underlying problems, such as poverty, malnutrition and population growth. I still admire, though, the fact that life goes on no matter what.

What is the most valuable thing you have learned at UCR?
Until I came to CE-CERT, I didn’t really understand the potential of research to impact the real lives of people all over the world. The faculty here have also taught me that being a distinguished researcher and being a really good human being are by no means mutually exclusive.
The 2003 Laureates of the University of California, Riverside

The Laureates of the University of California, Riverside are those individuals, corporations, foundations and organizations whose lifetime giving to our colleges, schools and programs has reached or exceeded $1,000,000. Their understanding of and investment in the discovery of new knowledge by UCR students, professors and researchers has made a lasting impact on the University and on all of those touched by our discoveries. We recognize and thank the Laureates of the University of California, Riverside for their exceptional generosity. For a cumulative list of Laureates, please go to www.development.ucr.edu.

CALIFORNIA ASSOCIATION OF NURSERIES AND GARDEN CENTERS

ALI SAHABI

WILLIAM AND YUKO SAITO

FORD FOUNDATION

The 2003 Benefactors of the University of California, Riverside

The Benefactors of the University of California, Riverside are those individuals, corporations, foundations and organizations whose lifetime giving to our colleges, schools and programs has reached or exceeded $100,000. Their critical and enduring support of our institution has enabled our students, professors, researchers, and creative enterprise to flourish. We thank the Benefactors of the University of California, Riverside for giving so generously to our institution. For a cumulative list of Benefactors, please go to www.development.ucr.edu.

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SOUTHERN CALIFORNIA PGA FOUNDATION, INC.
Highlanders Made the Postseason in Division I

Can They Do it Again?

By Brian Blank
Omaha, Nebraska.
Rosenblatt Stadium. The College World Series. It’s the dream of every college coach and player who steps onto the field.

The UC Riverside baseball team took the first steps toward that dream last season, just three years after jumping to the highest level in collegiate competition, NCAA Division I. The Highlanders surprised many with their first trip to the postseason at the Division I level, and with it, the opportunity to win one of eight spots in the College World Series.

Considered a rare opportunity for college baseball enthusiasts, the road to Omaha begins with the selection of 64 of the top teams in the country to participate in the regional round of the tournament.

Posting an impressive 40-15 record, the Highlanders finished third overall in the Big West Conference, behind highly-ranked Cal State Fullerton and Long Beach State. UC Riverside was one of 34 teams selected to an at-large berth in the tournament.

With plenty of postseason experience at the Division II level, including two NCAA Championships, head Coach Jack Smitheran saw this as the start of something bigger and better.

“Obviously there is more spotlight and there is more recognition at the Division I level,” said Smitheran. “I think it was a great moment for all of us, for a lot of people who put in a lot of hard work.”

The Highlanders proved to themselves last season that they had what it took to reach the College World Series. But elimination in the first round with losses to Stanford and Richmond sent them home after an initial victory.

Can they do it this year? They opened the 2004 campaign hosting Santa Clara on Jan. 30 in a 6-2 loss at the Riverside Sports Complex. They will have 34 games under their belts before the team begins Big West Conference play hosting Cal Poly San Luis Obispo April 8. Playing in one of the premier baseball conferences in the country offers a challenging schedule and the opportunity for national recognition.

“Our goal is, again, to improve,” said Smitheran. “But we also realize to get in the playoffs, you don’t have to win the conference. It’s such a good baseball conference that three teams can make it.”

Anchoring this year’s team is senior third baseman Tony Festa, a Dean’s-List Scholar who turned down the opportunity to play professional baseball to return to the Highlanders in 2004.

“Honestly, I thought that maybe this year would be the year we’d get to a regional, I didn’t think we’d get there last year,” said Festa. “I see this year’s team and I think we may be better on the mound. We lost some key guys, but retained some key guys.”

Joining Festa on the field are junior outfielder Matt Cunningham, junior first baseman and first-team All-Big West selection Kevin Mangels and senior second baseman Scott Powis.

Several sophomores return after having a taste of success their freshman seasons. Aaron Grant and Matt Lawson are expected to be key contributors in the outfield and Brian Steinmeyer is the team’s starting shortstop.

The Highlanders return their top two starting pitchers from last season, two 10-game winners in senior right-hander Jaymie Torres and junior right-hander A.J. Shappi. The duo combined for a 21-5 record and a 3.67 ERA. Senior Brian Hoff will be the team’s closer. A strong recruiting class brings in several new pitchers who will challenge for a starting role and add depth to the bullpen.

“First and foremost, we need to keep winning,” noted Cunningham on what it will take to keep the team’s success rolling. “Coach Smitheran’s number-one thing with his players is to play hard every single day you are out here. If we continue to do that, we have enough talent to win the Big West, go to the Regionals and get to Omaha.”

Each Regional consists of four teams who play in double-elimination competition with the winning team moving on to the Super Regional—the final step in the road to the College World Series.

Last year the Highlanders...
faced a tough challenge, selected to travel to Stanford along with Richmond and the University of Illinois-Chicago. On May 30th, UCR played their first NCAA Division I post-season game against the University of Richmond.

The Highlanders looked as if they would not win in their first game. Trailing 4-2 entering the top of the eighth inning, UCR mounted an incredible comeback, scoring eight runs in the final two innings to pull out a 10-8 win over the Spiders.

Stanford, a perennial fixture in Omaha in June, would be the team to beat to move forward. The Cardinals defeated UCR 13-6 and in the double-elimination format, the Highlanders would have to beat Richmond for the second time to stay alive with the hope of advancing.

This time there was no dramatic comeback for the Highlanders, who only managed one run against Richmond in the 8-1 loss. “Anytime you go into an environment like that, experience means a lot,” said Smitheran. “Hopefully we can use the experience we had last year and use it to get better and get us back into that situation. I think we did more that anybody expected and I think we will continue to raise eyebrows.”

UCR’s Athletics Highlights in 2003:
It was More Than Baseball

Baseball wasn’t the only spring sport to make a post-season splash in 2003. Both the UCR track and field and men’s golf teams sent athletes to NCAA regional events.

The highlight of the post season was the performance of then-sophomore high jumper Jeff Midgett, who won the NCAA West Regional with a 7-foot-1-inch leap – earning his second consecutive trip to the NCAA Championships. Midgett is looking forward to a return trip, and to putting last year’s disappointing tournament performance behind him. “I’ve learned a lot the last two years,” Midgett said. “I know that I am ready to take the next step.”

“Jeff’s performance last season is even more remarkable when you recall that he suffered an ankle injury early in the season that really slowed his development,” High Jump Coach Ed Luna said. “It is a great thing to have eight members of our team with championship experience,” Head Coach Irv Ray said. “The effect that they have on the other members of the team is obvious. They set a standard and show the work and dedication that must be given to become a championship-level athlete. Hopefully that rubs off on their teammates.”

Not to be outdone, the UCR men’s golf team has sent representatives to the NCAA West Regionals in each of its past two years. In 2003, then-sophomore Brendan Steele competed in both the 4x100-meter relay squad with senior Aqueelah Tillman and fellow juniors Angela Lindsey and Terri Tiongson.

“It is a great thing to have eight members of our team with championship experience,” Head Coach Irv Ray said. “The effect that they have on the other members of the team is obvious. They set a standard and show the work and dedication that must be given to become a championship-level athlete. Hopefully that rubs off on their teammates.”

Nathan Irvin (’03) and Syreeta Waller (’03, teaching credential ’04) have been selected as UCR’s Big West Scholar Athletes for the 2003 calendar year. Irvin, a sprinter, is currently attending Harvard Medical School and was honored as the Arthur Ashe, Jr. Male Sports Scholar of the Year by Black Issues in Higher Education. Waller, who owns the school records in the hammer throw and the discus, also graduated in 2003 but is continuing work on a teaching credential while pursuing her final year of athletic eligibility at UCR. The duo will be honored at the Big West Honors Program on March 11, 2004 during the Big West Basketball Tournament in Anaheim.

Get all your Highlander athletics news and information online at the UC Riverside Intercollegiate Athletics Web site (www.athletics.ucr.edu). There you can find the latest news on your favorite Highlander teams, listen to live and archived radio broadcasts and download notes and media guides.

QuickNotes

The Fourth Annual Braveheart Auction and Food Festival (www.braveheartauction.com), benefiting the UCR Athletics Department Blue & Gold scholarship fund, is scheduled for Friday, April 16 at the Riverside Convention Center. The event will feature over 500 live and silent auction items, food and wine from dozens of restaurants and wineries from throughout Southern California, and live entertainment by Ray Firestone. Firestone, known worldwide as an award-winning interviewer, is also an outstanding singer and comedian, and presents a multi-media performance that draws raves. Firestone was the featured talent at the first Braveheart Auction in 2001.

The newly refurbished UCR softball field will be officially christened as Amy S. Harrison Field ceremonies on March 24 in conjunction with the Highlanders’ game with Dartmouth. Harrison (’72) donated $300,000 to make possible the field’s renovation.
By Joan Kite

Some things are timeless – like the UC Riverside Extension’s commitment to providing quality education for lifelong learners. Over the past 45 years, the Extension has offered classes, courses and programs that meet the academic standards of UC Riverside. These programs have been offered to people of all ages and professional backgrounds. UC Riverside Extension’s mission is guided by the following core fundamental values:

**Lifelong Access** – Extension is available to everyone.

**Commitment to Excellence** – We provide the best possible educational experience.

**Learner Centered** – Extension measures its success by what students have learned and by the knowledge and skills that improve students’ quality of life and competitive position in the workplace.

**Public Engagement** – Extension considers itself an integral partner in the social, cultural and economic development of the Inland Empire community.

**International Education** – Extension is a recognized leader in providing educational programs globally and in fostering campus faculty, student and institutional relationships with the global community.

“The key to Extension’s long-term growth is contingent on our ability to constantly adapt to the ever-changing needs of our students,” said John Azzaretto, dean of UC Riverside Extension and Summer Sessions. “We remain open to new ideas and are willing to shift direction to provide lifelong learning opportunities to both the local and global community.”

Tracking trends in education and business at local, national and global levels has enabled Extension to develop truly innovative academic programs. For instance, Extension created a highly successful certificate program in geographic information systems technology. Students who have completed the program have reported real life career success stories, enabling them to stay current in their field or move successfully from one profession into another.

UC Riverside Extension will remain current by understanding the marketplace. Lifelong learning is key to professional survival. The willingness to learn and to relearn will enable today’s worker to remain competitive and productive.

Perhaps this is the most important for the educators of today. UC Riverside Extension has always been in the business of teaching teachers. That won’t change. The Extension will remain committed to educating K-14 teachers and continue to offer workshops and classes for their professional development.

“The responsibility of UC Riverside Extension is to extend and disseminate research knowledge into practice that can be applied by the many communities of professionals we serve, including teachers,” Azzaretto said.

As we approach 2010, the needs of the student will become even more varied. Projections show that the U.S. population will double during the 21st century. The number of people over the age of 65 will reach 131 million. The segment of the population age 16 to 24 will increase slowly during the next 15 years while the population age 55- to 64-year-old will soar by more than 50 percent. By 2015, each of the six major age groups will be roughly the same size. Tomorrow’s workers will move more often and change careers several times. There will be no dominant racial-ethnic group. This means that continuing education programming will need to be even more flexible. Geographic boundaries have become increasingly less important. Technology continues to shrink the world and online learning is becoming more acceptable. “Education in the future will shed the fetters of time and space,” said Jon Kindschy, Extension’s director of Natural & Social Sciences. “Look for communities of learners bonded together by similar interests despite geographic boundaries.” UC Riverside Extension will continue to selectively seek out appropriate opportunities to offer online courses.

UC Riverside Extension will continue to extend into the immediate community, too. Currently, UC Riverside Extension offers programs in nearby cities such as Chino, Temecula and Palm Desert.

Though our roots are grounded in Riverside and San Bernardino counties, UC Riverside Extension has grown educational branches that extend across the globe. International Education Programs (IEP) has paved the way for opportunities to educate those far beyond U.S. borders. This year, IEP successfully opened a learning center in Beijing, China – its third educational facility overseas. UC Riverside will remain a player in the global educational arena.

Time is a valuable as well. Working adults have little time to spare between long commutes, time on the job and time spent with family. Classes must be offered in such a way that students can achieve their academic goals conveniently.

UC Riverside Extension is clear on its mission. With its core fundamental values in place, the Extension will be able to skillfully navigate through future changes.

Charlene Pratt, associate director of International Education Programs at UC Riverside Extension, and Li Fang Bi, dean of Sichuan Province Foreign Education Center, celebrate Christmas and the opening of Extension’s new learning center in Beijing, China.
KEVIN JON BOYLE : BIG PICTURE a retrospective
January 24 to May 16

This winter, UCR/California Museum of Photography presents Kevin Jon Boyle : BIG PICTURE a Retrospective. This comprehensive exhibition traces Boyle’s early explorations in performance art through his experimentation in the media of painting, poetry, and photography. A new film on Boyle’s life and his art, produced by daughter Jessica, also complements the exhibition.

Boyle began working at UCR/CMP in 1987 when he helped conceive the museum’s elegant exhibition spaces in coordination with architect Stanley Saitowitz. Boyle also served as curator of exhibitions from 1992 until his death in 2002, curating such popular and acclaimed exhibitions as Rearview Mirror: Automobile Images and American Identities and Ocean View: The Depiction of Southern California Coastal Lifestyle that focused on themes of California and popular culture. As the first retrospective of Boyle’s work, this exhibition is a tribute to his considerable accomplishments as an artist and his impact on the museum and the local community. As an active and important member first in the New York and then Los Angeles art scene, Boyle contributed to a dialogue that grew out of friendships with artists including Ed Ruscha and William Wegman. Boyle’s cibachromes chronic performance pieces and early video work. The saturation of color and apparitions are a result of time-lapse photography, produced not with Photoshop, but by the manual manipulation of the camera and its lens. The wry and quirky imagery featured in Boyle’s artwork comments on the melding of high and low culture and is a testament to Boyle’s interest in pop culture. In addition to his cibachromes, collage, painting and poetry occupy both UCR/CMP’s main gallery floor and the Mezzanine, which was dedicated in Kevin Jon Boyle’s honor on Jan. 31. For more information, please visit UCR/California Museum of Photography online at http://www.cmp.ucr.edu or call 909-787-FOTO.

RIVERSIDE IN PICTURES

Riverside in Pictures gathered together historic views of Riverside and outlying areas from both photography legends and local photographers including Ansel Adams, Will Connell, Michael Elderman, William Amos Haines, Robert Markovich, Doug McCulloch, Herb Quick, and others. Derived from UCR/CMP’s extensive permanent collection, this exhibition captured the growth and development of Riverside, showing early images of the downtown district, Mission Inn, Mt. Rubidoux, and UC Riverside. The exhibition presented to the public an opportunity to reflect upon their neighborhood through the documentary nature of photography. UCR/CMP encourages the public to extend their knowledge of Riverside through their permanent collection. For more information, please contact Steve Thomas, Curator of Collections at 909-787-5303. Support for this exhibition was made possible through Riverside County Credit Union.

SWEENEY ART GALLERY

“arrivals + departures”
Michael Barton Miller, Solo show
Nov to May 8, 2004

Michael Barton Miller’s diverse investigations in the arts are best described as cross-disciplinary. Like an anthropologist, Miller’s artwork examines the co-implicatedness of culture and visual representation. “arrivals + departures” includes large-scale drawings, photography and video focusing on shopping malls and marketplaces in Thailand where Miller has been involved in several exchange exhibitions; this show is part of an on-going body of work Miller has done on mall architecture and shopping culture.

Solo installations by Miller include the Sweeney Art Gallery at UC Riverside, the UCR/California Museum of Photography, SF Camerawork, Santa Barbara Contemporary Arts Forum, Silpakorn University, the Los Angeles Center for Photographic Studies, and POST Gallery in Los Angeles. Miller is currently an Associate Professor who teaches drawing, intermedia, and critical theory at Cal Poly, San Luis Obispo.

Helen H. Kim
“You Are Here”
Through March 20, 2004

Helen H. Kim is an artist and resident of Los Angeles, a place that figures prominently in her interactive installation “You Are Here.” Contemplating the streets of LA from the driver’s side window of her car, Kim focuses on the ordinary scenes and settings that are at once quintessentially “LA,” yet nowhere in particular. Her journey (and the recording thereof) is more complicated than a drive-by sighting: Kim combines snapshots with fragments of phrases from a text, and mounts them on snow globes. In all there are more than seventy individual globes on display for the visitor to re-arrange in any order, to create an “LA Story” of her own choosing.

In 1996 Kim received her BFA from UCLA. Last year a solo show was held at Upstairs at the Market Gallery in Los Angeles; Her work has also been exhibited at Millicent Gallery, Silverlake, CA; Beyond Baroque, Venice, CA; Diana Zlotnik Studio, Studio City, CA; Purple Gallery, Mar Vista, CA; The Living Room, Santa Monica, CA; Globe Gallery, Roswell, NM; and Beyond the Faversham in the Leeds, U.K.

Contact info:
The Sweeney Art Gallery is across from the UC Riverside campus in Watkins House, 3701 Canyon Crest Drive, Riverside, CA. Hours are Tuesday through Saturday 11 a.m. to 4 p.m. Admission is free. Website: www.sweeney.ucr.edu Call 909/ 787-3755 for more information or exhibition images.

Cultural Events

America’s foremost touring repertory theater; the Tony award winning The Acting Company performs Shakespeare’s tragedy of plotting and betrayal, Richard III as part of UC Riverside Presents’ 2003/04 season. Other spring highlights include the Joe Goode Performance Group new work Folk, Indian sarod master Rajeev Taranath and Mariachi Los Camperos de Nati Cano. For more information, contact Cultural Events at (909) 787-4629 or the Web site at www.culturalevents.ucr.edu
special_collections@ucr_libraries

Sometimes the smallest act of kindness can make a big difference in a life.

By Melissa Conway

Consider the difference made in 9-year-old Tomás Rivera’s life by the librarian at the Carnegie Library in Hampton, Iowa, where his family had migrated to pick crops for six months in 1944.

As Rivera later recalled: “[B]ecaus carne means meat in Spanish … I would wonder – a meat Library? The librarian must have noticed that I used to stop to gaze at the library because one day she came out and invited me into the building. To my amazement, it was filled with books.”

Although Tomás was an avid reader of newspapers, his family was too poor to buy books. When he realized he “could actually borrow the books – all kinds – and take them home” he was overjoyed.

Thirty-five years later, Rivera – then UC Riverside’s fourth chancellor, and the UC system’s first minority chancellor – credited Hampton Public Library’s “able directress” with introducing him to “the world of ideas, forms, and a lifelong appreciation for knowledge.”

This charming story is the subject of a prize-winning children’s book, Tomás and the Library Lady (Knopf, 1997) by Pat Mora, illustrated by Raul Colón.

Tomás Rivera never learned the name of his intellectual benefactress, but the current director of the Hampton Public Library, Ms. Judy Hamilton, did some searching in old personnel records from 1944, and deduced that the woman that Tomás remembered so gratefully would have to have been Miss Bertha Gaulke. Tomás had described her as the “typical librarian – tennis shoes and all” – and Ms. Hamilton laughingly confirmed that it is true that Miss Gaulke would never be remembered as a stylish dresser. But Ms. Gaulke will be remembered for her dedication to one of the most basic principles of public librarianship—nurturing and encouraging a love of learning in all, regardless of age, ethnicity, or religion.

Given Tomás Rivera’s pivotal experience in a library, it is fitting that the Tomás Rivera Library is named in honor of this child of migrant workers whose long love affair with learning began when a kind-hearted librarian welcomed him into a library. It seems equally fitting that among the holdings of the Tomás Rivera Library itself are the Tomás Rivera Archives, one of the most important archival collections in Special Collections, and one which attracts scholars from all over the world. There is an excellent guide to this collection, compiled in 1992 by archivist Armando M. Martinez, and edited by Clifford W. Wurfel, former Head of Special Collections, with an introduction by Professor Luis Leal, and forward by Professor Eliud Martinez.

Comprising more than 85,000 items, the archive contains all the papers of the inquisitive little boy from Iowa who grew up to be a gifted professor, brilliant academic administrator and award-winning creative writer. It contains biographical material (including the original notes for a speech from which this recollection is derived), photographs, lecture notes from his many years as an educator, civic leadership materials, and the literary manuscripts of his own writings. Among the literary manuscripts one finds his correspondence with other writers, many of whom sent manuscripts of short stories, novels-in-progress, poetry collections, and scholarly articles to Rivera for his comments.

Given the riches within the Rivera Archive for scholars of Hispanic literature, the UCR Libraries would like to invite other Hispanic writers to consider donating their archives to Special Collections for the benefit of future scholars of Hispanic literature. It is worth noting that UCR also supports academic disciplines whose students currently benefit from the presence of the Rivera Archive, and would benefit greatly from its continued development as a resource for Hispanic literature. This includes the departments of Comparative Literature, Creative Writing, Ethnic Studies, Hispanic Studies, and Latin American Studies.

One can envision an archival Center for Hispanic Literature growing up around the central archive of Tomás Rivera himself. One can only imagine how pleased Ms. Bertha Gaulke, the librarian of Hampton Public Library, would be with such an outcome.

Melissa Conway
Head, Special Collections
Melissa.Conway@ucr.edu
2004 Alumni Awards of Distinction

by Jeanne Chung

Since 1986, the UCR Alumni Association has recognized individuals for their outstanding achievements at the personal, professional, and community levels. The following alumni award recipients were honored at the 50th anniversary Alumni Awards of Distinction banquet on Jan. 23 in conjunction with UC Riverside’s Homecoming activities. The University Commons Dining Room hosted honorees, invited guests, faculty members, alumni from the pioneer classes and administrators. The UCR Alumni Association applauds these accomplished individuals for their multi-faceted successes and looks forward to hearing of their future accomplishments.

Distinguished Alumnus Award

Tina S. Nova (‘82 Ph.D.) is the chief executive officer, co-founder and director of GenOptix, Inc, a company known for developing advanced cellular isolation approaches that are highly complimentary to later stage genomics and proteomics programs, enabling the next stage of development in the post-genomics era. She has been involved for the past 17 years in the co-founding of three life-science companies in the San Diego biotechnology community.

Nova received her Ph.D. in biochemistry from UC Riverside after receiving her bachelor’s degree in biological sciences at UC Irvine. At UC Riverside, she published research in various prestigious scientific journals and holds numerous patents.

From 1994 to 2000, Nova served as president, chief operating officer and board member of Nanogen, Inc. Nanogen is a publicly traded company focused on the development of a broad-based diagnostic and pharmaceutical platform that combine molecular genetics, microelectronics, and nanotechnology. Nova also founded Selective Genetics, where she served as vice president and chief operating officer from 1992 to 1994. She was one of the founding scientists of Ligand Pharmaceuticals where she served as executive director from 1988 to 1992. In the early 1980s, Nova led the scientific team of Hybritech, Inc. in the development of several widely used diagnostic products, including products for the detection of cardiac arrhythmia, testicular cancer and prostate cancer. PSA, the product developed by Nova and her team for prostate cancer detection, is the world’s top-selling diagnostic product today. Nova is the lead inventor on the patent for this product.

Nova is currently chair of BIOCOM San Diego, the regional association for over 350 biotechnology, medical device, bio-agriculture and provider companies in San Diego County. She was appointed to serve on California’s Small Business Reform Task Force and also serves as a technology advisor to the progressive Policy Institute in Washington, D.C.

Additionally, Nova is a member of the boards of the San Diego Economic Development Corporation, the Entrepreneurial Management Center at San Diego State University, Molecular Reflections, Inc., and Perlan Biosciences, Inc.

She has been featured in articles in Success Magazine, the San Diego Business Journal, Science Magazine, and as a Who’s Who in San Diego designee. For her accomplishments, Nova received the 2001 Athena Pinnacle Award, the 2000 Soroptomist Woman of Distinction award, and was a finalist for Ernst & Young’s 1999 Entrepreneur of the Year award in the Life Sciences Category.

Regarding UC Riverside, Nova remarked, “I have very fond memories of UCR. Not only did I get a great education, but I also had fun, and met people who are now my friends 20 years later.” Her advice to students is “Whatever your dream is - follow it. Don’t let little things keep you from accomplishing your ultimate goal.”

Alumni University Service Award

Markell W. Kohn (‘59) is an oral and maxillofacial surgeon recently retired from private practice in San Diego. He received his bachelor’s degree in zoology from UC Riverside, his D.D.S. from the University of California, San Francisco, and his specialty training in oral and maxillofacial surgery at Parkland Memorial Hospital - Southwestern Medical School, University of Texas at Dallas.

Kohn values family above all. His proudest accomplishments are his two sons, David, a 1997 UCR graduate, and Joel, a 1998 University of California, Davis graduate. His wife, Teri, is an active and successful real estate agent.

He has served on the UCR Parents Association, was a trustee to the UCR Foundation, a member of the Alumni and Visitors Center Committee, a legislative advocate for UC Day in Sacramento, and volunteered for student recruitment and...
The contributions of those that came before... we refer to it as: 'on the shoulders of giants.' I think that expression is applicable to the greatness of this institution [the University of California] and the giants that made it so,” Kohn’s contributions to the University of California on many levels have illustrated how one giant’s commitment can provide building blocks for the future.

Alumni Public Service Award

Barbara E. Kerr (’68) is a forceful and passionate advocate for students, public schools and the California Teachers Association (CTA) and has been so with the CTA over three decades.

After receiving her bachelor of arts in English from UC Riverside, Kerr completed advanced work in education at California State University, Long Beach and completed her graduate work at Cal State University, San Bernardino.

As president of the 330,000 member California Teachers Association, Kerr plays an instrumental role in securing a stable funding base for California’s public schools. The reforms that she has spearheaded have had a positive impact on millions of California’s public school students.

Kerr has been involved with the CTA’s progress since 1995. She served on the teacher task force that created and secured passage of Proposition 98, which guarantees that at least 40 percent of the state budget must go to education. Over the years, she served as the CTA liaison to the statewide Education Coalition, which has won several victories to prevent state budget cuts from impacting classrooms. She also fought in Sacramento to protect smaller class sizes, provide additional resources for schools of greatest need, improve teacher salaries, and increase student-learning time by reducing state-mandated tests.

As a powerful political leader, Kerr has led various CTA political campaigns. Her activities include coordinating efforts to pass the statewide school construction bond in 2002, to defeat two voucher initiatives, and to elect hundreds of school board members and lawmakers who support public education and teachers. In addition, Kerr worked on the National Education Association’s committee that makes policies to fight school privatization and helped found the California Alliance for Public Schools.

Kerr is a devout believer in the CTA’s mission of maintaining a quality public education for all students. Using statewide radio ads and messages that are printed in 11 different languages, she has stressed the power of family involvement and provided tips to parents to help their children learn.

In recognition of her efforts, Kerr was previously nominated for Riverside Woman of the Year and for the 68th District Leader position. She also received the Woman Labor Leaders award of San Gabriel Valley, the Early Childhood Education Leader award of San Mateo County, the We Honor Ours award from the Riverside Teachers Association and California Teachers Association, and the P.T.A. Distinguished Service Award. Additionally, Kerr received legislative and statewide honors from John Chang, George Brown, Steve Clute, Cruz Bustamante, and Antonio Villaraigosa.

In addition to her work in the political arena, Kerr served as an elementary school teacher with the Riverside Unified School District for nearly three decades. As a proud graduate, Kerr’s enthusiasm and tireless advocacy for improving education and the teaching profession will bring honor to UCR for years to come.

Alumni Community Service Award

Wylie W. Hoffman (’83) was selected for his superior service within the community. After actively serving in the United States Air Force, he retired as a colonel in 1979. In 1983, he received his bachelor of arts in political science from UC Riverside.

Hoffman’s zeal for improving the community is reflected in his wide range of community service activities. His active involvement included serving as the deputy chairperson for the Janet Goeske Foundation Board where he spearheaded their efforts to build a senior residential facility. He served as the volunteer administrative assistant to the pastor of St. Catherine of Alexandria, as president and treasurer of the Riverside Club of Serra (Fr. Junipero Serra) International. He also served on the board of the Friends of the Mission Inn, a member of the supervisory committee for March Community Credit Union, a board member for the California School for the Deaf, and a member of the Citizens University Committee and Knights of Columbus organization.

Hoffman developed his strong background in organization and management while serving as commander of the Administrative Services Division of Riverside’s Police Department. His volunteer work as an administrative assistant at St. Catherine of Alexandria also allowed him to enhance his management skills while continuing his tradition of faithful community service.

After graduation, Hoffman’s continued service to UCR was
reflected by his commitment to UCR's Alumni Association. He joined its Board of Directors in 1995 and chaired the Advocacy Committee. Together with his wife, Madonna, he made valuable contributions to Alumni Association advocacy programs. In addition, Hoffman served on the UCR Alumni Association Scholarship and Executive Committees.

Hoffman passed away in November 2003 after a brief battle with cancer. His dedication to community and alma mater will be greatly missed.

**Outstanding Young Alumnus Award**

Stephen M. Warren (’91) graduated from the UCR/UCLA Thomas Haider Biomedical Sciences Program, completed medical school at UCLA, developed a brilliant research background, and is currently training in plastic surgery at Harvard Medical School. His interest is in craniofacial surgery, with a special emphasis on the reconstruction of birth defects.

In addition to attending Harvard Medical School’s Plastic Surgery Training Program as a Resident Physician and Surgeon, Warren is currently working with MEDAGorp, Inc. as a consultant. During his premedical and medical school education, Warren worked at the Haight-Ashbury Free Medical Clinic; UC San Francisco’s Cancer Research Institute and Department of Pediatrics; UC San Francisco’s Department of Microbiology and Immunology, and the Harbor-UCLA Medical Center’s Department of Allergy and Immunology.

A Howard Hughes research fellowship recipient from the National Institutes of Health, Warren spent two years working in the National Cancer Institute’s Department of Surgery. After a residency at the Oregon Health Sciences University’s Department of Surgery for three years, Warren broadened his research career with post-doctoral research fellowships at New York University and Stanford University. It is here that he began working in the field of plastic and reconstructive surgery - the field that currently holds his interest.

During his years of research, Warren authored or co-authored 96 scientific articles, gave 27 national and international presentations, and received 19 awards in medicine. He has generated over $2 million in basic science funding, headed the largest division in Children’s Surgical Research at Stanford University, and trained a dozen research fellows.

Despite his young age, he has attained numerous accolades including recognition at the Stanford Surgery Resident Competition (2003), two Resident Clinical Awards (2002, 2003) and one Resident Research Award (2002) from the Northwestern Society of Plastic Surgeons, a Basic Science Research Grant from the plastic Surgery Education Foundation (2002), the Peter J. Gingrass Memorial Award (2002), the Maxillofacial Surgeons Foundation Research Grant (2001), and two Basic Science Research Grants (2001, 2000), a Lyndon Peer Fellowship (2001), and a Dr. Ralph Millard Investigator Award (2000) from the Plastic Surgery Education Foundation. He was also named Outstanding Intern of the Year in 1997 by the Oregon Health Sciences University and received the Alpha Omega Alpha Award for Meritorious Research in the Biomedical Sciences in 1995.

Perhaps foreshadowing the many accomplishments to come, he received the American Cancer Society’s Outstanding Student Research Achievement Award (1989) and the Ernst A. Nolfmann Biomedical Research Award (1991) while attending UC Riverside as a biomedical sciences student before graduating cum laude in 1991. Regarding the biomedical sciences program, Warren says, “It gave me the foundation that I needed to begin my medical and research pursuits.”

**Alumni Memory…**

“I attended the Business Administration school from 1991 - 1995. Attending UCR was a simple choice – a great business program with the caliber of the UC system, at a university that was just the right size to meet the students’ needs. UCR impressed me from the beginning – a beautiful, open campus with a lively environment and atmosphere. After attending UCR, I went on to work with Deloitte & Touche where I earned my C.P.A. and am now working for The Walt Disney Company in international finance and accounting. I credit much of my success to the education I received and the mentors I met while at UCR. I hold very fond memories of my time at UCR and am very pleased to see the growth in both attendance and programs as others have found out too what a true jewel UCR really is.”

—Kurt N. Schreiner ’95

**Seeking Nominations**

The UCR Alumni Association continually seeks to recognize alumni who have distinguished themselves through personal, professional, or community achievement. If you are interested in nominating an alumnus for any of the UCR Alumni Association Awards of Distinction, please contact the Association for a nomination form. Nominations are accepted in the following five categories:

**Distinguished Alumnus Award:** The most prestigious of the awards is based on national and international distinction in one’s field and significant contribution to society.

**Alumni University Service Award:** Recognizes a sustained pattern of volunteer service, contribution and support for the benefit of UC Riverside.

**Alumni Public Service Award:** Honors service to the public sector or contribution to the arts that has well represented the University and fellow citizens.

**Alumni Community Service Award:** Presented in recognition of active and superior service as a community volunteer.

**Outstanding Young Alumnus Award:** Nominees are under the age of 35 and demonstrate significant achievements and promise for the future in their respective fields.
Alumni and Constituent Relations Calendar

**February**
28  
Student Alumni Association Law Career Conference, 9 a.m. - 3 p.m., University Commons

**March**
14  
UCR Student Recruitment Reception, 1:30 - 3:30 p.m., The Hilton LA/Universal City
21  
UCR Student Recruitment Reception, 12 - 2 p.m., The Westin Hotel, Santa Clara
25  
UCR Student Recruitment Reception, 11 a.m. - 1 p.m., The Crowne Plaza Resort, Garden Grove
28  
UCR Student Recruitment Reception, 1 - 3 p.m., The Hilton LA/Universal City

**April**
22  
UCR Alumni Association Executive Committee Meeting, 1:30 - 3 p.m., University Extension Center
UCR Alumni Association Board Meeting, 3 - 6 p.m., University Extension Center
24  
UCR Parents Association Meeting, 9 a.m. - 12 p.m., Penfield Hills

**May**
20  
UC Day in Sacramento Briefing, 6 - 8 p.m., Highlander Hall Room 200
26  
UC Alumni Association Sacramento Dinner, 6 - 9 p.m., Hyatt Regency, Sacramento. Reservations required.

**June**
12-13  
50th Anniversary Commencement 2004, all day

**UCR Retirees’ Association**
March 10, UCR Retirees’ Luncheon, 11:30 a.m. - 1 p.m.; Speaker: Chancellor France Córdova. For reservations and information, contact Betty Morton (909) 689-4381 or themortons@aol.com
June 18, UCR Retirees’ Luncheon, 11:30 a.m. - 1 p.m. For reservations and information, contact Betty Morton (909) 689-4381 or themortons@aol.com

**Bridge Club**
11:30 a.m.; Elk’s Club, 6146 Brookside Ave., Riverside. Cost: Lunch purchase.
Information: Marti Orth, (909) 242-5297 or mbtime@prodigy.net
Meetings: Mar.3, Apr. 7, May 5, June 2

**Computer Workshop**
1 p.m., Room 122, Science Library, UCR. Cost: Free. Information: Sal Martino (714) 854-0220 or sal.m@adelphia.net
Meetings: Mar. 18, May 20, June 17

**Pioneer Remembrances**

“The first day of classes – January 1954: “The five brand new buildings seemed to be floating in a sea of mud. There were no trees, no grass, no bushes, no weeds and no walkways . . .”
**Barbara (Montroy) Cherry** ('55)

“I remember the wood sidewalks and all the construction that was in progress.”
**Segrid D. Davidson** ('59)

“The magnificent future for the campus was evident, the incredibly talented early faculty’s expectations for the campus were extraordinarily high, and students developed an ever increasing appreciation for the quality liberal arts education they were experiencing . . .”
**Edward Cowan** ('58)

“Hopefully for all who experienced (the early) classes, the dedicated teaching by the UCR staff continued to inspire throughout the years following graduation. Heartly, deeply grateful thanks are due to the gifted scholars who enlightened us.”
**Eleanor (Malloch) Taylor** ('58)

“I remember that walking up the hill from the Humanities Building to the Physical Science Building was a chore if time was short. The goal was to be on time for the Geology class after leaving a Political Science lecture that sometimes did not let out on time.”
**Zelma Ballard** ('59)

“Back in 1954 (or was it ’55), we decided to have a big football rally in the parking lot (outside the Social Sciences-Humanities building). Gordon Watkins was given the “honor” of being the one to light the huge stack of wood, drenched with something flammable. Sick as it may be, I’ll never forget the moment when he stuck in the short torch provided – and disappeared, only to reappear, singing but smiling!”
**Bill DeV Wolfe** ('58)

“My favorite memory at UCR was the first year of basketball games. Our team tried very hard but lacked the experience of our competition. Bill Barnett was always in the spectator bleachers portraying his role of comedian rooter. My parents drove 170+ miles roundtrip just to witness the entertainment.”
**Barbara (Stevenson) Siegle** ('58)

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**Alumni Trivia:**
Who is the Oscar-nominated screenwriter for the 1979 film “As Good As It Gets?”
Mark Andrus ’78, ’79 M.Admin.

Who served as the U.S. Poet Laureate for 2001-2003?
Billy Collins ’65 M.A., ’71 Ph.D.
Henry Ramsey

outstanding accomplishments. Well done, Henry.

Bill Fuller (’57)

“Whatever I remember most is the attitude; the sense of community; the sharing of the excitement; the burning thirst of light that flowed from the outstanding vitality and quality of the teaching; the enthusiasm, caring, conviction, and brotherhood that characterized everyone; the passion for good stewardship of the legacy of all human kind; and most especially all the inspiring, incredible people – so notably, Provost Watkins, plus all the other giants (character, scholarship, humanity) who blessed our campus, and who remain in my thoughts, as fresh now as when, even more deeply understood and appreciated.”

Roger Davis (’60)

UCR Alumni Association’s 2003 Life Members

The UCR Alumni Association proudly welcomes all those who have chosen to become life members in 2003. Life membership ensures a constant connection with UCR and fellow alumni and friends. Welcome home!

Forrest Howell ’95 T.C.

Henry Ramsey Jr. . . stands out for him that he appreciated. “O” when received the only standing “O” when stood and appreciated.”

Thank you for your lifetime membership. If your name has been misspelled or omitted, please accept our apology. Thank you for your lifetime commitment to the values of the UCR Alumni Association.

How to contact the UCR Alumni Association

Web site: www.alumni.ucr.edu

E-mail: ucralumni@citrus.ucr.edu

Phone: (909) 748-5101 or 800-426-ALUM (2586)

Eugene R. Uflig ’02

Charles A. Uzes ’64 M.A., ’72 Ph.D.

Diana Vang ’03

Juan C. Vargas ’02

Kihy L. Razey ’03

Andre D. Villegas ’03

Trevor D. Winn ’01

Amanda L. Wolter ’03

S乙烯e K. Song ’02

Harvey J. Wong ’03

K.W. Wong ’03

Jonathan C. Woo ’03

Sophie E. Yu ’94

Jimmy Yutonich ’01, ’98 T.C.

David J. Zucarro ’01

Every attempt was made to ensure that members names were spelled properly and all new life members were included for the 2003 calendar year. If your name has been misspelled or omitted, please accept our apology.

To ensure your lifetime commitment to the values of the UCR Alumni Association.

Adrian M. Abordo ’03

Arcadio Acevedo ’00, ’01 T.C.

Mary J. Adame ’92

Suzanne E. Adame ’92, ’94

T.C.

Jeffery M. Adams ’75, ’81

Suzanne E. Adame ’92, ’94

Arcadio Acevedo ’00, ’01

Adrian M. Abordo ’03

Gary N. Amstutz ’75, ’77 T.C.

Francis B. Allen ’92

Rosa Palma ’97

Ruth Bennett ’66 M.A.

Juana A. Benitez ’03

Jennifer J. Benbury ’01

Vickie K. Becker ’70

Ryan M. Barrion ’03

Mila Banks ’03 T.C.

Aileen B. Arellano ’03

Tiffani E. Andrade ’93

Seth A. Anapolsky ’03

Gary N. Amstutz ’75, ’77 T.C.

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Mila Banks ’03 T.C.

Aileen B. Arellano ’03

Tiffani E. Andrade ’93

Seth A. Anapolsky ’03

Gary N. Amstutz ’75, ’77 T.C.
'56 John P. Wolf III received a Ph.D. from the California Institute of Technology in 1959 for research in the field of physical organic chemistry. John has retired and enjoys woodworking in his free time.

'58 Marigold Linton, director of American Indian Outreach at the University of Kansas, is one of 37 people whose stories of achieving a dream are recorded in a new book, Dream It, Do It: Inspiring Stories of Dreams Come True by Sharon Cook and Graciela Sholander. Marigold’s college experience as the only American Indian on the UCR campus is chronicled in the chapter titled “Courage: Conquer Your Fears,” as an example of overcoming the fear of failure. Growing up on the Morongo Indian Reservation in Southern California in the 1940s her eighth-grade teacher’s encouragement sparked her dream to attend college. Yet when she left the reservation to enroll, she knew no one who had attended college – or who expected her to succeed. At the University of Kansas, Marigold collaborates with faculty and students to administer more than $12 million in National Institutes of Health grant programs that encourage American Indian students to pursue biomedical science careers.

'60 William Kraus is the city manager for Oak Hill, TN, located in Davidson County and surrounded by metropolitan Nashville. Bill has served in senior management positions in a variety of nonprofit associations and public agencies and has experience in higher education instruction.

'61 Fred Bryant was named favorite orthodontist by readers in the 2003 Press-Enterprise Readers’ Choice poll. He has had a private practice in Riverside since 1966.

'62 Lawrence Friedman received the 2003 International Writer of the Year award from the International Biographical Centre in Cambridge, UK. He also received the independent sector’s research prize in 2003 for “Charity, Philanthropy, & Civility in American History” published by the Cambridge University Press. 2003 … Jean (Roberts) Sanborn has retired from Boy Scouts of America and moved to Florida in August of last year.

'64 Ronald Stovitz is founding president of the National Council of Lawyer Disciplinary Boards. This newly formed nonprofit organization is designed to coordinate and improve the work of lawyer disciplinary boards and courts around the country in judging attorney regulatory cases.

'66 U.S. Sree Ramulu is a retired professor of soil science and agricultural chemistry at Tamil Nadu Agricultural University in India. U.S. Sree is a member of the International Order of Merit of the International Biographical Center in Cambridge. He has published several books and articles on soil science and agricultural chemistry.

'67 Donald Roland (M.A.), chairman, president, and CEO of Vertis Inc., a leading provider of technology-based marketing and advertising solutions was inducted into the Printing Impressions/ Rochester Institute of Technology Printing Industry Hall of Fame. Donald was chosen for his outstanding achievements and contributions to the printing and publishing industry. Donald joined TC Advertising – before it became Vertis – in 1983 as senior vice president of operations. He moved up through the ranks, becoming executive vice president in 1993 and president and CEO in 1995. Prior to his work at Vertis, Donald spent 17 years with Times Mirror Press.

'70 Mary Rakow participated in UCR’s 2004 Writers Week. Mary is a recipient of the 2003 Lannan Foundation Literary Fellowship. Her debut novel, “The Memory Room,” was short-listed for the Stanford University/William Saroyan Foundation International Prize in Writing, a PEN/USA finalist in fiction, and named one of the ten Best Books in the West by Jonathan Kirsch of The Los Angeles Times newspaper.

'71 Javier Rosales, the first Hispanic professional hired in the City of Riverside’s personnel department, retired at the end of December with over 33 years with the City. He was the city’s first and only affirmative action officer for 23 years. In March 1997, he was named the city’s human resources administrator, a title that was changed last year to executive director of the Human Relations Commission … Wes Maughan (’74 M.Admin.) has been married to Kristine (Johnson) Maughan (’72) for 30 years. Their son Brandon, a 2001 Stanford graduate, is now at Johns Hopkins University. Their daughter, Lindsay is a University of Washington senior and sorority president. Wes has been a distance runner for 20 years. He started a company ten years ago manufacturing variable imaged information and identification products … Susan Mitchell has been a golf professional at various golf courses for the last 13 years … Bob Whitehair (’73 M.Admin.) is the marketing and education director for Allana-Lippert Architects+Engineers. Allana-Lippert Inc. is one of the most recognized architectural engineering firms specializing in waterproofing, roofing and building envelope technology in California.

'72 Carol Gadd is the associate director of admissions at Bucknell University … Ron Packard was elected council member for the City of Los Altos. He received his law degree from Hastings Law School and is a local attorney married with five children. He has lived with his family in Los Altos for over 18 years. His term ends November 2007.

'73 Frank Heyming is on the board for the Riverside Land Conservancy … Richard Krolak is manager of California Public Employees’ Retirement System (CalPERS) long-term care program. The nonprofit, self-funded long-term care program covers 175,000 California public employees and relatives of California public employees. Richard was previously chief operating officer and chief financial officer of the California Dental Association, Sacramento. He has also been assistant director for health access at the California Department of Health Services, and he has been a government studies professor at California State University, Sacramento … Don Lebow is a graphic designer for HOLT Architects. Don is charged with the design of marketing and communica-
tions materials. He was previously the proprietor of his own graphic design business. '73 James Fahrnkopf is involved in network provisioning for fast data transmit known as Frame Relay … David Kennedy ('79 M.Admin.) is the city treasurer for the City of San Bernardino. The city treasurer's responsibility include handling receipts and expenditures and making a monthly report to the mayor and the city council regarding receipts and expenditures … Yolanda Moses (M.A., '76 Ph.D.) is Special Assistant for Excellence and Diversity to the Chancellor and Executive Vice Chancellor at UCR. She will assist UCR in developing a strategic plan to build excellence in curriculum, programs, research and service by building on diversity of ideas, backgrounds, and culture. Yolanda completed a three-year term as president of the American Association of Higher Education (AAHE), the oldest national organization dedicated to the advancement of higher education, based in Washington, D.C. and composed of faculty, administrators and graduate students … Christopher Pyron is the deputy chief for business operations at the USDA Forest Service's national headquarters. Since 2002, he has served as chief of staff for the Forest Service and oversees the day-to-day operations of the national headquarters. He also is the key liaison to USDA's Under Secretary for Natural Resources and the Environment, which oversees the Forest Service. Before joining the national headquarters, Chris was deputy regional forester for operations in the agency’s Intermountain Regional Office, Ogden, Utah, for several years. Chris began his career as an administrative assistant on a ranger district and has held a variety of business management positions as well as an assignment with the Washington office legislative affairs staff … Joel Reynolds is an attorney and director of the Natural Resources Defense Council’s Marine Mammal Protection Project. He recently won a lawsuit against the U.S. Navy on the use of sonar systems in the ocean to prevent harm to whales and other sensitive marine species. '77 Craig Riener was appointed to the Riverside County Superior Court bench in August of 2003. He is now hearing criminal trials in the Southwest Justice Center in Murrieta. Before his appointment by Gov. Davis, he had served as a research attorney for the California Court of Appeal for 13 years. '78 Sharen Knudsen Jeffries has been a surgeon at Beaver Medical Clinic in Redlands specializing in otolaryngology since 1992. She is now chief of staff at Redlands Community Hospital and a world traveler. '79 Ariel Calonne has been named 2003 Public Lawyer of the Year by the State Bar of California's Public Law Section. Ariel received the award from Chief Justice of California Ronald M. George at the State Bar Convention in Anaheim on Sept. 5, 2003. After 13 years as the City Attorney of Palo Alto, including a year as president of the League of California Cities City Attorneys Department, Ariel has been appointed city attorney of Boulder, Colorado … Michael Haro was presented with an EPA Region 9 Environmental Award by U.S. EPA Regional Administrator Wayne Nastri during the agency's fifth annual Environmental Awards Ceremony in San Francisco on Earth Day 2003. Michael received the award for his work on the Lockheed Martin F-35 Joint Strike Fighter Design for Environment (DfE) process. Lockheed Martin initiated DfE to identify, eliminate and minimize the use of hazardous materials in the F-35 design, production and subsequent operations throughout the aircraft’s life cycle. Michael is environmental resources manager at Lockheed Martin Aeronautics Company in Palmdale, home of the famed “Skunk Works.” Michael and his wife of 22 years, Elaine, have three children; their daughter, Jessica, attends San Diego State University, son, Jamin, attends College of the Canyons and son, Jordan, goes to Rio Norte Junior High in Valencia … Emmanuel “Manno” Siméus is a member of the Surface Mount Technology Association’s board of directors. Manno is an engineering section manager of a group of 12 people at Raytheon. He has more than 22 years of experience in the areas of surface mount technology, circuit card assembly/manufacturing, electronic packaging, semiconductor, microelectronics (thick film, hybrids, thin film, resistors network), and project management. Fifteen years of that experience is in management. They are the proud parents of Jason Hutching, 33, a producer at Blizzard Entertainment in Irvine, and Alan Reid Gilbert, 6. The Gilberts reside in Whitewater, California … Anne Meyers Kelley is professor of chemistry at UC Merced. She is studying ways to increase fiber optic speed and reduce the costs of the technology to make high-speed communications more cost-effective and widely accessible … Rod Pacheco was promoted to Riverside County Assistant district attorney. He served as chief deputy district attorney since returning in 2002 to the office where he worked before his state assembly election. Rod served in the assembly from 1996-2002 representing the Riverside County-based 64th District. '81 Jack P. Broadbent ('83 M.Admin.) is the chief executive officer of the Bay Area Air Quality Management District. For the past two years, Jack has been director of the air division of the federal EPA’s Region IX. He worked at the South Coast Air Quality Management District from 1983-1987 and again from 1989-2001, rising from air quality analyst to the deputy executive office.
Angelas. In 2002, Shawn and James received career appointed positions as dental officers with the Department of Justice. David Messick, an artist known for his monochromatic composition, form and space, had an exhibit at Palomar College's Boehm Gallery featuring 54 oils from his blackbird series ... Thomas Song is a senior systems engineer in Integrated Defense Systems of Raytheon. He is working on surface radar systems in Andover, Mass. '86 Allene Archibald DuFour ('89 M.A.) was recently married and is now living in Blue Jay. She is the curator of history at the Mission Inn Museum. Kent Taylor is the principal of San Jacinto High School. Kent is the first African American to work as a high school principal in the San Jacinto Valley. He is working on his doctoral program at La Sierra University. He previously served as principal of two San Bernardino charter schools and as assistant principal of two San Bernardino Unified middle schools. '87 Shawn Scott is a Las Vegas racing developer and is the owner of the Bangor Historic Raceway Inc. '88 Kelly Duenckel and Tim Melnark ('88) welcomed the state ... '90 Leslie Antolette ('92 M.A., '96 Ph.D.) is an associate professor of English at East Stroudsburg University, Pa. She is bringing American Indian presence to the University through a myriad of cultural events and programs ... Kristen Levy ('91) and David Levy ('94 Ph.D.) originally met in the Soil Science Department at UCR in 1990. After graduation, Kristen served in the Peace Corps as an environmental educator. She was teaching third grade in Sacramento in 2001 when she and David met again while rock climbing in Idaho. The couple married July 2003. David worked as an environmental consultant before starting his own company, Summit Geoscience. Kristen is now a fourth grade teacher. They live in Fort Collins with their three cats and continue to enjoy climbing. '91 David Jarrell (M.S., '96 Ph.D.) is an assistant professor of biology at Mary Washington College, Fredericksburg, Va. ... Elizabeth Leonard ('96 M.A., '97 Ph.D.) was awarded by the Soroptimist International of Irvine the Women Helping Women Award for her work with battered women in prisons and subsequent releases of some of those women. The award honors women who consistently and effectively use their resources, talents, and influence to help other women achieve their potential. Elizabeth is a professor of sociology at Vanguard University and renowned for her pioneering work with gender and justice. '92 Mike Bergler ('95 M.S.) is the director of alumni and family relations at Concordia University in Irvine. He will be building an alumni relations program, starting a Student Alumni Association, a Parents Association, developing alumni chapters, etc. ... Nicole (Meyer) Horning married Jeffrey Horning on Sept. 28, 1996. The couple has one daughter, Kiriana Faith, born March 23, 2002 ... Joseph Ng (Ph.D.) was named biotechnology Ph.D. director at the University of Alabama in Huntsville. Joseph joined the UAH biology faculty in 1999. He did post-graduate work at the Institute for Cellular and Molecular Biology at Strasbourg, France, and has been involved in organizing the biology department's annual research retreats, the Hudson Biotechnology Seminar series and several public symposia on issues relating to biotechnology and science ... Sheri Rocco and her husband, Gregory, had healthy twins on June 9, 2003. Lauren Christine weighed 5 pounds 3 ounces and was 19 inches. Michael James weighed 6 pounds 7 ounces and was 20 inches. The babies are healthy and growing up too quickly ... Gregory Shearer married the lovely Elizabeth Brashere on June 19, 1992. The couple has three daughters Claire, Laurel, and Sarah. Gregory is a research biologist for the Department of Veteran's Affairs, Veterans Affairs Northern California Health Care System (VANCHCS). ... Tiffani Andrade received her master of arts degree in criminal justice ... Joe Chavez is part of the team that has successfully launched the Space Infrared Telescope (SIRT) on Aug. 28, 2003. He is focused on developing the science archive software that provide public access to the astronomical data generated by the telescope ... Robert Gonzales (M.A.) heads the ...
Inland Mexican Heritage, a community based group that documents the history of the Inland area’s Mexican roots … Armen Karamardian is general manager of Zov’s Bistro in Tustin, where he handles the restaurant’s business affairs … Lori Mills is a stay at home mom in Scottsdale, Arizona … Michael Rack is an assistant professor of psychiatry and internal medicine at the University of Mississippi Medical Center after completing a fellowship in sleep medicine … David T. Wang has been promoted to be the Director of Leadership & Organizational Development (Asia-Pacific and Latin America regions) at Wyeth Pharmaceuticals. David has been with Wyeth since 2002 and is currently living in New York City and Philadelphia. Prior to Wyeth, David worked in similar capacities for MTV Networks and Andersen Consulting in New York.

’94 Kim Ackermann received her M.B.A. degree from Keller Graduate School of Management in August 2003 … Shannon (Martin) Effa and her husband, Rob, welcomed their second daughter Ashlyn “Ashley” Anne on July 13, 2003. The family resides in Humboldt County along with their two-year-old Sophie. Rob is an assistant principal at a local middle school and Shannon is currently on leave from her teaching position at Eureka High School … Robert Lynch graduated from Georgetown University’s School of Law in May 1997 and has worked in civil litigation since. He is currently with the firm Archer Norris in Corona, Calif. On June 21, 2003, he married Donna Lynch and the newly wed couple honeymooned in Tahiti …

Julie (Young) Tully (’95 teaching credential) married Mark Tully on Sunday, April 13, 2003 aboard a yacht in Newport Beach, CA. Julie teaches first grade in Irvine where the couple resides. She has recently started her own business, In-Joy!, making handmade jewelry … Rachelle (Strauss) Swan is an evaluation associate for Lumina Foundation for Education. Rachelle supports the Foundation’s internal and external evaluation efforts. Her experience includes hands-on evaluation and research. Most recently, she served as the director of research and policy analysis for the Indiana Youth Institute in Indianapolis. In early 2000, she was a senior research associate for the Military Family Research Institute at Purdue University in West Lafayette, Ind. Her publication credits include the *Journal of Family Psychology* and the *Journal of Educational Computing Research*. She has made presentations on a variety of research and evaluation topics to several organizations, including the American Evaluation Association, the Society of Research in Child Development and the National Council on Family Relations … Vijay Verma completed his internal medicine residency at the University of Connecticut Health Center in 2002 and now is a cardiology fellow at the University of Medicine and Dentistry of New Jersey-Robert Wood Johnson Medical School at Cooper University Hospital in Camden, New Jersey. He married fellow University of Connecticut resident, Parmeen Singh on Nov. 16, 2002. His wife is an endocrinology fellow at the University of Connecticut Health Center in Farmington.

’95 Amy (Lee) Boles married Jason Boles (’97) on April 19, 2003. The wedding ceremony and reception were held at the Historic Hayes Mansion in San Jose. The couple resides in San Jose where they both teach. Other UCR Alumni in attendance at the wedding were:...

Julie (Young) Tully (’95) and Mark Tully

Danielle (Giovanelli) Conte (’95)

Danielle (Giovanelli) Conte (’95), Terese Simoncini (’95), Stefanie Elkins (’95), Melissa (Blitch) Sergis (’94), Ivan Chuton (’97), David Anderson (’99), Domenic Sciarra (’98, ’00 M.B.A.), Brian Menzies (’98) and Winde Peterson (’01) … Brian Kawabata (’96 M.A.) is a senior special agent for the Department of Homeland Security. His wife, Robin Kawabata (’96 teaching credential), is teaching in the Belmont Redwood Shores School District … Stan Ning gave up a prominent career as a respiratory therapist to try his luck as a jockey. Stan's goal is to ride seven to ten years with a possible return to Southern California … Kurt Schreiner is now working for The Walt Disney Company in international finance and accounting. He earned his CPA while working with Deloitte and Touche … Ra Nae Stanton has joined the faculty at Southern Illinois University School of Medicine in Quincy as an assistant professor of family and community medicine. She completed a one-year clinical faculty fellowship and her family practice residency and earned her medical degree at Medical College of Wisconsin in Milwaukee. She is board certified in family practice and is a member of the Alpha Omega Alpha Medical Honor Society and American Academy of Family Practice.

’96 Edward Gomez (M.A.) teaches Chicano-history at San Bernardino Valley College … Jeremiah Gilbert (M.A.) teaches mathematics at Chaffey College and San Bernardino Valley College. He recently released his first collection of poems titled “In A Strange Land” … Arthur Salazar and Laura (Camacho) Salazar (’95) celebrated the birth of their daughter, Ixchel, in May 2002. Laura completed

Kurt Schreiner (’95)
the Internal Medicine Residency Program at the University of California, San Francisco in June 2003. Arthur is working in the San Francisco office of Lautze & Lautze CPAs & Financial Advisors. He has also been serving on the board of directors of BBDS, a nonprofit organization dedicated to assisting underrepresented students pursue careers in the sciences … Robert Vargas is a fourth year doctoral of psychology student at The Wright Institute in Berkeley, Calif. This year, he is completing his internship hours at The Fifth Avenue Center for Counseling and Psychotherapy in New York City. Robert anticipates graduating from The Wright Institute in June 2004.

'97 Keith Metzler is director of economic development for the City of Victorville, Calif. where he started working as a teenager. A native of Navojoa, Sonora, Mexico, Keith and his family moved to Victorville in 1984, when he was 9 years old. He attended local schools, where he was an athlete, and took his first city job at Green Tree Golf Course. After attending UCR, he became an intern in the city’s redevelopment agency, where he remained.

'98 Gregory Scott was involved with the Transpac Race from Hawaii to California.

'99 Jeff Aldaz (M.B.A.) is the regional director of the Center of Excellence North at Ingram Micro, a Fortune 100 company … David Alfon is in the nursing program at Santa Monica College.

'00 Carlos Coviella (Ph.D.) is doing research on defending California vineyards against disease-carrying insects. His research focuses on the life cycle of the glassy-winged sharp-shooter, a bug that transmits Pierce’s disease. He won a 3-year, $268,000 grant to fund his investigation as to the best time of the year to attack the insect when its population is the weakest …

John Espinoza participated in UCR’s 2004 Writer’s Week sponsored by the Creative Writing Department. John is the author of two chapbooks and has been a Pushcart Prize nominee and a participant in the National Book Foundation Summer Writing Camp …

Laura Lee McIntyre (M.A, '03 Ph.D.) is an assistant professor in the department of psychology at the College of Arts and Sciences at Syracuse University. Laura, a board certified behavior analyst and California certified school psychologist, most recently completed an internship in psychology at the Johns Hopkins University School of Medicine … Daniel Reed participated in the annual Mission Inn Run in November 2003. He ran his first Mission Inn Run 24 years ago and traveled from Laguna Nigel to Riverside to participate in this annual event. Daniel took first place in the 10-kilometer race.

'01 Lorraine Manolo is attending medical school at the University of Hawaii at Manoa … Marisa Juanita (Lopez) Sevilla married Alfredo Sevilla ('02) on August 31, 2002. Marisa is in her second year of teaching at Bloomington Middle School. She is the history department chair and teaches U.S. History and AVID. Alfredo is working on his master’s degree in anthropology at California State University, Los Angeles. The couple lives in San Bernardino.

'02 Erin (Hartline) Phillips and Mark Phillips welcome the arrival of their first daughter, Jade Ryan Phillips, born Dec. 2, 2003, at 6 pounds 12 ounces and 19 inches long … Ashley Schenkkel is attending California State University, Fullerton working toward a master’s degree in counseling … Stephanie St. John is teaching second grade at Sumner Elementary School in Claremont … Lana Walton started her own business as a race relations consultant, conducting workshops and presentations to build cultural diversity, understanding, and appreciation. She was the recipient of the 1995 award from the City of Redlands’ human relations commission for support in promoting cultural diversity awareness and appreciation in the community.

'03 Justin Hone is manager of operations and Mohammed Muniruzzaman (Ph.D.) is senior scientist for HiEnergy Technologies, Inc. Mohammed serves as liaison between HiEnergy and the Middle East and Justin oversees the pre-production planning and production of the company’s defense-related products. HiEnergy Technologies, Inc. has developed patent pending stoichiometric explosive detection technology that remotely determines the chemical formula of concealed substances, including explosives, biological weapons, and illegal drugs.

In Memoriam…

'56 Charles S. Havens, June 2003
'59 Robert L. Archibald, November 2003
'68 Anne (Paul) Vuillermont, April 2003
'74 Thomas Gadd, March 2003
'80 Andrew Batavia, January 2003
'83 Wylie W. Hoffman, November 2003
'85 Larry David Huffman, June 2003
'88 Martha Contreras, September 2003
'92 Ralph Lee Ek, August 2003
Alumni Update & Membership Application

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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

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CLOSE UP

A History of Excellence in Leadership

Gordon S. Watkins
Provest, 1949-56
Under Watkins' leadership, UC Riverside went from blueprints to buildings. Early recruiting helped Watkins land faculty from Yale, Princeton, Stanford, Oxford and other major universities, professors who would teach the first students at UC Riverside in 1954. Watkins retired in 1956, but not before one poll, citing the number of Woodrow Wilson Fellows, voted UC Riverside one of the nation's 10 best undergraduate universities – two years after opening.

Herman Spieth
Chancellor, 1958-64
After serving as a UC Riverside professor and life sciences chair, Spieth became the campus's second provost in 1954, before his appointment as the university's first chancellor in 1958. Spieth helped bring substantial growth to the university during its formative years. Enrollment doubled between 1959 and 1962, and it was under Spieth's stewardship that UC Riverside began its graduate program in 1960. Spieth was also a well-respected evolutionary biologist.

Ivan Hinderaker
Chancellor, 1964-79
During his 15-year tenure, Hinderaker helped establish the School of Education and the Graduate School of Administration. By combining various existing departments, Hinderaker helped streamline and modernize the College of Biological and Agricultural Sciences; and the College of Humanities, Social and Behavioral Sciences, and Physical Sciences. Seeing the university through the turbulent '60s, Hinderaker is credited with transforming a formerly small liberal arts college into a full-spectrum research university.

Theodore L. Hullar
Chancellor, 1984-87
Described as optimistic and energetic by those who worked with him, Hullar achieved continued growth in UC Riverside's humanities, arts, sciences and professional studies programs. At the time of his appointment, Hullar said: “The discovery of new knowledge and old truths is at the center of the University's mission. We will continue to respond to the land grant traditions and responsibilities of the university through our exceptional programs.” Hullar brought the university and surrounding community closer together, and helped finalize the site for the California Museum of Photography. Hullar and his staff laid groundwork for the engineering program, and welcomed freshman who went on to earn UC Riverside's first degrees in Business Administration.

Rosemary S. J. Schraer
Chancellor, 1987-92
When Schraer was inaugurated Chancellor in 1987, the distinguished scientist became the first woman chancellor in the UC system. During another period of considerable growth for the campus, Schraer inspired an external giving program that increased from its existing $3 million to $12.7 million annually. She helped construct a large academic and physical plan for UCR's future that continues to take shape, and was widely praised for her recruiting efforts that brought numerous top academics to teach at UCR.

Raymond L. Orbach
Chancellor, 1992-2002
UC Riverside grew from the smallest campus to the fastest-growing campus in the UC system during Orbach's tenure. Community service was key to his approach, as he sought partnerships with municipalities, libraries and school districts in the region. The community outreach programs created under Orbach helped thousands of pre-college students become eligible for higher education. Orbach was responsible in part for construction of the UCR campus gym, and his leadership was essential to a growth period that saw one million square feet of building space added to UC Riverside. Orbach left the campus after his appointment by President George W. Bush to the post of director of the Office of Science at the U.S. Department of Energy.

Tomás Rivera
Chancellor, 1979-84
A true groundbreaker, Rivera was the UC system's first Hispanic and first minority chancellor. A noted leader in Hispanic education issues, Rivera was also an accomplished poet and author. While Rivera was chancellor, the UC Riverside library celebrated the addition of its one-millionth volume. The library would later be posthumously named after Rivera. Also during Rivera's tenure, a master's of business administration was added to the Graduate School of Management.

Acting Chancellor Daniel G. Aldrich
1984-1985
Acting Chancellor David H. Warren
2001-2002

A History of Excellence in Leadership

Acting Chancellor Daniel G. Aldrich
1984-1985
Acting Chancellor David H. Warren
2001-2002