

FIRST ANNUAL ALUMNI EXHIBITION SHARI J. WALLACE '94



With generous support from the Milton and Sally Avery Arts Foundation and its vice president, Sean Cavanaugh '91, Pitzer College and the Nichols Gallery have been able to expand gallery programming. The Alumni Exhibition is part of this initiative.

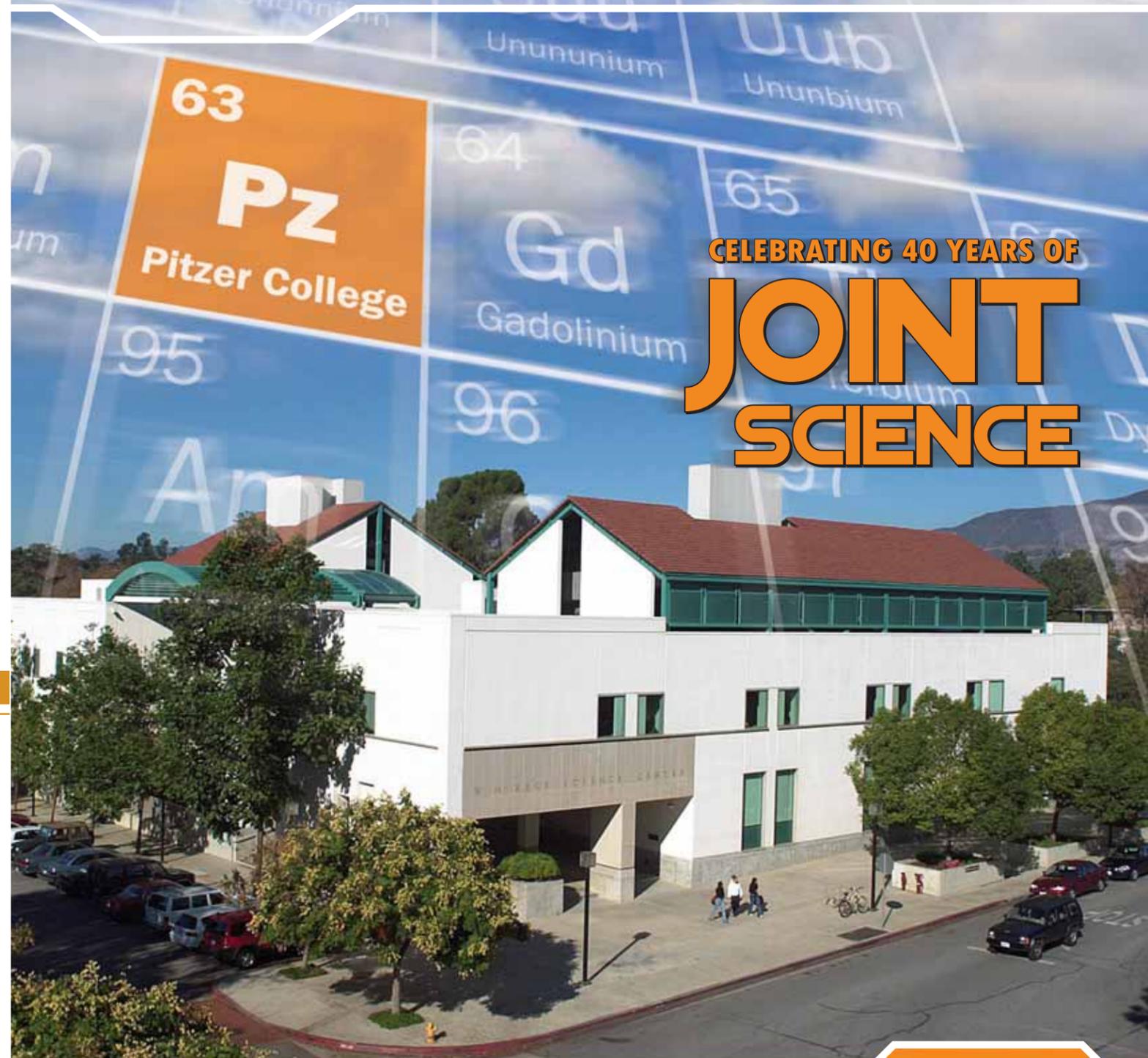
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PITZER COLLEGE

SUMMER 2004 ■ MAGAZINE FOR ALUMNI AND FRIENDS

PARTICIPANT



CELEBRATING 40 YEARS OF
**JOINT
SCIENCE**



The Class of 2004 at the College's Commencement
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Claremont and Ontario preschoolers come to Pitzer for Jumpstart fair.
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Kate Peters '74, brings her traveling lesson in diversity to the College.
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A member of the Claremont Colleges, Pitzer College is a private liberal arts and sciences institution, committed to values of interdisciplinary perspective, intercultural understanding and social responsibility. The *Participant* is published by the Office of Public Relations and welcomes comments from its readers. Address letters to *Participant* Editor, Avery 105, Pitzer College, 1050 N. Mills Ave., Claremont, CA 91711-6101, or submit them via e-mail to participant@pitzer.edu. The *Participant* is published online in PDF format at www.pitzer.edu.

FIRST THINGS FIRST Campaign Goes Over the Top



President Laura Skandera Trombley announces the campaign's successful results at a College Club meeting.

Pitzer College recently surpassed the ambitious \$40-million goal of its first comprehensive capital campaign, *Imagine a College*, with two major gifts for the Residential Life initiative.

Ann, Russ and John Pitzer, the grandchildren of the College's founder and namesake, Russell K. Pitzer, have committed \$5 million from the Pitzer Family Foundation for the construction of a new Sanborn Hall dormitory, which is the largest single gift since the gifts associated with the founding of the College.

"This truly generous and inspirational gift signifies the tremendous and continuous support of the Pitzer family," noted President Laura Skandera Trombley.

"Our grandfather taught us a basic value in giving back to make a difference in the world. We are proud that the College bearing his name continues to uphold these values," Ann Pitzer stated. College founder Russell K. Pitzer was also a key benefactor of such local institutions as Pomona College, Claremont McKenna College and Pomona Valley Hospital Medical Center.

Peter and Gloria Gold, long-time benefactors of Pitzer College and the sponsors of the Peter and Gloria Gold Student Center on campus, gave a milestone gift of \$3 million that successfully put Pitzer over the top several months ahead of schedule. Peter Gold, past chair of the Pitzer College Board of Trustees said, "Education is paramount to my family and Gloria and I have always supported quality education."

Gloria Gold lauds Pitzer College for providing an excellent education for

her daughter, Melinda, who graduated in 1974. "Melinda transferred to Pitzer from a large California university and found a real home in Pitzer," she said.

"The Golds have a deep respect for education and for Pitzer College. Peter Gold was instrumental in the campaign kickoff and so it is fitting that he and his wife conclude the College's first major capital campaign," President Trombley stated.

Pitzer College Board Chair Susan Pritzker commented, "The Pitzer community is grateful to the Pitzers and the Golds for investing in the future of a great liberal arts college. These extraordinary gifts are a vote of confidence in the new leadership of the College."

With total gifts and pledges now exceeding \$40 million, Pitzer's first comprehensive capital campaign, *Imagine a College*, will formally conclude at the fall meeting of the Board of Trustees in September. This effort has brought new resources to Pitzer's endowment (\$20 million), funded numerous special projects (\$12 million) and doubled the size of the College's annual campaign (\$8 million).

Truly a comprehensive campaign, contributions provided \$14 million in new and endowed scholarships for students, \$8 million for faculty positions, \$7 million for tools to support innovative teaching, and \$11 million for invigorating residential life, including the most recent two gifts for upcoming residence hall construction.

The College is grateful to every donor — individual, corporation and foundation — that has made this remarkable achievement possible. Pitzer College truly has come of age!

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BACK COVER

Pitzer kicks off first annual alumni art exhibit featuring paintings by Shari J. Wallace '94 (pictured at left). Visit www.pitzer.edu for details.

President's Charge

To the Graduating Class ■ May 16, 2004

This spring, one of our graduating seniors, Jessica Guterman, wrote me a moving letter about her Pitzer experience. In it she wrote, "The only thing that I have ever known about myself, and the way I wish to contribute to the world, is that I want to improve quality of life...my Pitzer education has reinforced that in me and broadened it, as I finally realize that I can fulfill my social responsibility in any way I choose, as long as I choose to do so...One of the most valuable things that I have learned here at Pitzer is that I can change the world from any angle." Pitzer alumni are proud of their alma mater, and our aim is to make you, the Class of 2004, ever more proud of your Pitzer identity. We have a nation-wide network of Pitzer People, and it is our responsibility to make them feel their continuing connection to our College, to remember what it is we stand for — the principles of meaningful change and social responsibility to which we are dedicated.

As President of Pitzer College, I give you your charge: Go forth as a true citizen of the world. Learn all that you can every day you draw breath. Take the habits of disciplined inquiry and the will



to question that have been encouraged here and apply them to every important issue that stands before you and your fellow human beings. And engage! Participate in every debate that touches on the well-being of your community, which is now the world. Participate in the negotiation of truth, basic freedoms and social justice. Above all, recognize that there is no one in the world who is so "other" that we can disregard their basic rights as a human being. If we do this, it reduces who and what we ourselves are. We cannot befriend the world strictly according to our terms. Graduates, as you change the world, respect its peo-

ples. This charge will take you the rest of your life. Doubt, question, speak out, join in the great debates — take on the responsibility of world citizenship.

Your diploma represents only a certification that you have indeed passed through a process that makes you more ready, more qualified, to accept the challenge that all of us face every day. This is the challenge of taking the world as we find it and making it more just.

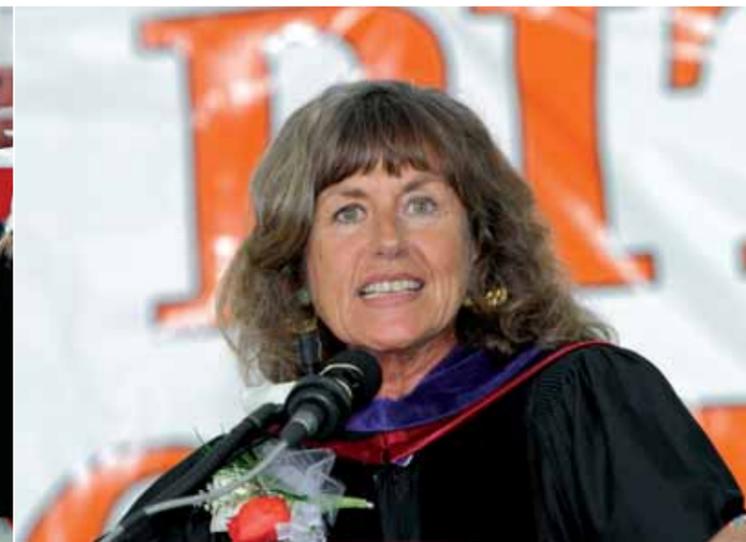
Together we, the members of the Pitzer community who will remain here, and you, the members of the Pitzer community who steadfastly carry our tradition out into the wider world — together we shoulder the responsibility of giving life to our motto: *Provida Futuri — Mindful of the Future.*

We are proud to have been part of your early career knowing how one life lived in the present has an irreversible, extraordinary effect on the life we will all share in the future. And so I offer to you my sincerest congratulations — dear friends, the Class of 2004.

■ *President Laura Skandera Trombley*



Members of the Class of 2004, diplomas in hand, soak up the cheers and shouts of encouragement from family and friends. Below, from left, Pitzer Professors Barry Sanders and Jim Lehman lead the graduates into the ceremony. Dolores Abdella Combs, center, and others listen to President Laura Skandera Trombley's opening address. Bernardine Dohrn, child and family advocate from Northwestern University, delivers her keynote commencement speech. Rachel Quaday, 2004-2005 Fulbright winner to study in Korea, watches as her classmates receive their diplomas.



PHOTOS BY PHIL CHANNING

NOTED AND QUOTED

“I just miss him. I just liked him. I liked having him around.”

Tom Brokaw, NBC Nightly News anchor, on the one-year anniversary of the death of journalist and 1985 Pitzer alumnus David Bloom

“The sword is the soul of the samurai. It is an intimate weapon because you are looking directly into the eyes of your opponent. It’s not like dropping a bomb from a plane or shooting a rifle from behind a wall.”

Ronald Rubin, Pitzer professor of philosophy, in a Claremont-Upland Voice article on a workshop offered at the Claremont martial arts center

“It’s a myth that they can just receive social services and those types of things. Most survive off the work that is there.”

José Calderón, Pitzer professor of sociology and Chicano studies, in an Inland Valley Daily Bulletin article on day laborers

“World War II was a necessary war. If you apply that lesson to a different set of circumstances, you may be fooling yourself and the people you’re talking to.”

Stuart McConnell, Pitzer professor of history, in a Wall Street Journal article about veterans and what they say about their wartime experiences

IN THE NEWS

“NU Grad Marches for Right to Choose”

The Nevada County Union April 27, 2004

Kaci Ferrell was raised to show her convictions, not just talk about them.

So it was not surprising when the 2003 Nevada Union High School grad found herself marching for reproductive rights in Washington, D.C., with hundreds of thousands of others.

“I went with another girl because we wanted to be a part of history and this cause we believe so firmly in,” said the Pitzer College freshman from Southern California.

Ferrell, 18, took a second job to earn the money for the flight and her first protest experience at the March for Women’s Lives.

“Students on Probation Wax Poetic”

San Gabriel Valley Tribune April 25, 2004

One by one, the students rose and read out loud their poems about love, loss, strife and struggle.

What sounded like a typical poetry reading was actually a group of incarcerated boys at Camp Afflerbaugh-Paige, a camp for wards of the Los Angeles County Probation Department.

The students in Rudy Spivery’s class are being taught poetry by alumni of professional poetry troupe A Mic and Dim Lights Poets, along with Pitzer College students.

“New is to SAT as Fearful is to...Students Who will be the First to Take the Test in an Altered Format”

Philadelphia Inquirer April 19, 2004

Being a teenager has just gotten tougher: They’re messing with The Test.

Taking the SAT college-entrance exam, which is already freighted with portent and pressure, will require students to write an essay beginning next year.

Today’s high school sophomores – the graduating class of 2006 – will be the first to take the new SAT next spring.

Laura Skandera Trombley, president of Pitzer College, said she suspects the board was “more interested in protecting its market share than in creating significant reforms... We are talking about a great deal of money.”

“Pitzer, Jerry Brown Honor Innovative Social Activist”

Claremont Courier March 27, 2004

A lecture series honoring longtime Pitzer College friend Ivan Illich – which began March 26 with a keynote address by Jerry Brown, mayor of Oakland and former California governor – continued through March 28.

“Conversations: The Legacies of Ivan Illich,” was a celebration of Illich, who died in December 2002.

Illich was an active member of Jerry Brown’s “Oakland Table,” an informal think tank dedicated to strengthening democracy and fostering the ability of Americans to make an impact in their own communities.

“Program Gives Kids a Healthy Start in Life”

Inland Valley Daily Bulletin March 26, 2004

The Health Rodeo in Claremont has come and gone, but much of the information is still available for the asking at Claremont’s Healthy Start Family Resource Center.

Pitzer College is among the more than 25 agencies that provide such services as medical, dental and vision referrals; mental health counseling; tutoring and mentoring; parent education and support groups; English as a Second Language classes for parents; and clothing, shelter and supplemental food.

“Teens Defining a Dialect”

The Bismarck Tribune March 8, 2004

Listen to the sounds of Northern California girls and you hear the future of the state.

“In robotics, I always double-check what I *dew*, so people don’t think I got it wrong ‘cause I’m a girl,” said 17-year-old Kendal Sager, a senior at Los Altos High School in California, her “u” sound tilting slightly so it sounds like the “ew” in “pew.” A friend agreed, saying “it gets me *she-oh may-ud*,” shifting and stretching the sound of “o” and “a” in “so mad.”

A growing body of linguistic research shows that teenage girls are crafting subtle changes in pronunciation that, over time, are being adopted by their elders.

“Girls are the innovators,” said Carmen Fought, a professor of linguistics at Pitzer College in Claremont, Calif., who studies California speech. “They hear small variations in pronunciation out there, then decide which changes to seize on and then take forward.”

This story ran on the Associated Press, appearing in newspapers across the country.

FACULTY NOTES

JOSÉ CALDERÓN, professor of sociology and Chicano studies, published

“Lessons from an Activist Intellectual: Participatory Research, Teaching, and Learning for Social Change,” in *Latin American Perspectives*, Vol. 31, no. 1, January 2004, and co-edited *Resource Materials Manual for Teaching Latino/a Sociology*, with Gilda Ochoa, for the American Sociological Association Teaching Resource Center in fall 2003. Calderón was appointed Civic Scholar by Campus Compact and the Corporation for National and Community Service to identify resources, best practices, curricula, models, and activities that exemplify connecting history, civics, and service learning. Calderón was also appointed a member of the National Advisory Council of the New Institute on Liberal Education and Civic Engagement by the American Association of Colleges and Universities and received a three-year appointed position by the Distinguished Career Award Committee of the American Sociological Association.

PAUL FAULSTICH, professor of environmental studies, co-edited *Exploring Relationships Through Rock-Art: Colonialism, Landscape and Ecology*, published by Western Academic and Specialist Press, U.K. He also contributed two chapters to the volume. His essay, “Teaching for Change: The Leadership in Environmental Education Partnership,” appeared in *Sustainability on Campus: Stories and Strategies for Change*, published by MIT Press.

JUDITH V. GRABINER, Flora Sanborn Pitzer Professor of Mathematics, was awarded the Mathematical Association of America’s (MAA) Deborah and Franklin Tepper Haimo Award for Distinguished College or University Teaching of Mathematics, which is one of the most prestigious math awards in the country. She published, “Maclaurin and Newton: The Newtonian Style and the Authority of Mathematics,” in *Science and Medicine in the Scottish Enlightenment*, published by Tuckwell Press. Additionally, Grabiner presented, “Why Should Historical Truth Matter to Mathematicians? Dispelling Myths and Promoting Maths,” at the Mathematics Colloquium in March 2004, at the University of Leeds in England. The same presentation was given at the

University of Helsinki, Finland, in May 2004. She also presented “Dispelling Myths while Promoting Mathematics” at the Mathematica Association of America National Meeting in January 2004, in Phoenix.

THOMAS ILGEN, professor of political studies, served as the Associate Director of the European Union Center of California based at Scripps College during the 2003-2004 academic year. During the first semester, Ilgen collaborated with a faculty member at Keck Graduate Institute and organized a series of speakers who addressed political and ethical issues related to new biotech-

FALL WRITER’S FESTIVAL SAVE THE DATE!

Just in time for California Writers Week, Pitzer will offer its first annual Pitzer Writer’s Festival on October 21-23, 2004. This year’s inaugural festival will focus on a topic of fundamental national and international importance, “September 11 Three Years After: Who We Are Now and Where We Are Going.” Just one month after the third September 11 anniversary and two weeks prior to the national elections, the timing could not be more poignant. As always, the Pitzer concept is unique — the festival will bring together creative writers rather than political scientists to explore the cultural meaning of this event. Make plans to visit campus for this extraordinary event! For information, contact Gregory Orfalea, Pitzer College Creative Writing Center, at (909) 607-3766 or gregory_orfalea@pitzer.edu.

nologies. In the spring, Ilgen organized programming around the general theme of U.S.-E.U. relations and put together two major conferences. The first, “The European-American Partnership: Decline or Renewal,” brought 12 leading academics and policy makers from Europe and the U.S. for two days of presentations in downtown Los Angeles and at the Claremont Colleges. The second, “The Transatlantic Relationship: Conflict and Cooperation,” was a two-day undergraduate conference that brought together 50 students from the Claremont Colleges, UC Campuses, and other private California colleges and universities.

RONALD MACAULAY, Professor Emeritus of linguistics, recently published “Repeat After Me: The Value of Replication,” in the *International Journal of English Studies*, 2003. He has two books scheduled to come out by fall 2004, *Talk That Counts: Age, Gender, and Social Class Differences in Discourse*, to be published by Oxford University Press, New York, and *Extremely Common Eloquence: Some Strong Scottish Voices*, to be published by Rodopi, Amsterdam.

LEE MUNROE, Professor Emeritus of anthropology; Carmen Fought, assistant professor of linguistics; John Fought; and Pitzer graduate Erin Good ‘02, published “Sonority and Climate in a World Sample of Languages,” in the February 2004, issue of *Cross-Cultural Research*.

GREG ORFALEA, director of the Pitzer Creative Writing Center, published *UP ALL NIGHT: Practical Wisdom from Mothers and Fathers*, which includes 22 essays by mothers and 22 by fathers about their most important role in this life. The book was co-edited with Barbara Rosewicz and published by Paulist Press. Orfalea has been asked to chair a panel on Arab American Literature at the annual convention of the American Arab Anti-Discrimination Committee on June 12, 2004, in Washington, D.C. In 2002 and 2003, he published two long memoir-essays in the *Los Angeles Times Magazine*, “An Act of Forgiveness” and “The Barber of Tarzana.” In 2003, Orfalea also published a nonfiction piece in the *Michigan Quarterly Review* titled “Valley Boys,” and has another book coming out next year, an updated version of his history of Arab Americans.

JOE PARKER, associate professor of international and intercultural studies, presented a paper, “Agency and Complicity in Straight, White, Economically Privileged Masculinity,” at the 2003 national meeting of the Men’s Studies Association at the University of Wisconsin, Madison, July 2003. On November 22, 2003, Parker presented a paper at the national meeting of the Association of Japanese Literary Studies at UCLA titled, “Heteronormativity and the Politics of the Writing Subject: Zeami Motokiyo (1363-1443) and the Legitimation of Popular Literature.”

CLAUDIA STRAUSS, associate professor of anthropology, published “Cultural Standing in Expression of Opinion,” in *Language in Society*, Vol. 33, no. 2, April 2004.

Jumpstart for a Day

Pitzer students help kids get off on the right foot

Pitzer College hosted Jumpstart for a Day on April 30 with more than 100 people in attendance. The event was designed to encourage low-income children and their families to take part in literacy-based activities and practices.

Marking the fourth year that Pitzer has been the Jumpstart host site, the program now serves four low-income Head Start and state preschools in Ontario and Claremont. This past academic year, 40 Claremont Colleges students participated in this literacy-based program, working one-on-one with partner children to develop and enhance their reading, writing and social skills.

Karina Kelly, Claremont site manager, said Jumpstart for a Day's success was a reflection of the program's overall success.

"You could see that the kids made connections with their college partners," Kelly said. "The progress these kids made was remarkable. You can see that a difference has been made in their lives."

The event, which left preschoolers talking about their field trip for days, included a nature book-making station, a reading and story telling area, a face-painting station and a drawing and writing booth. The day ended with a three-legged race and a balloon-popping relay.



Events at the Jumpstart for a Day fair included, clockwise from the top, a balloon toss, a book-making exercise, a shaving cream table and chalk drawing on the sidewalks. Far left, Karina Kelly, head of the Jumpstart program at the Claremont Colleges, helps children with their chalk drawings.

PHOTOS BY JAY COLLIER

5 Students Win Fulbrights



Five Pitzer College seniors have been awarded Fulbright grants to continue in their fields of study. The number of awards in 2003, six Fulbrights, surpassed the highest number won by Pitzer students since the school's creation in 1963 and was a record for schools of Pitzer's size.

The U.S. Fulbright Committee recommended 10 Pitzer students for Fulbright Fellowships for 2004-05. Those recommendations were forwarded to the Fulbright committees in the respective host countries,

where final decisions will be made between April and June 2004. Of the 10 students recommended at the national level, eight participated in Pitzer College's External Studies program.

Already five Pitzer College students have been awarded Fulbright Fellowships for 2004-05. The awardees and the countries in which they will study include Julia Terlincham (Bulgaria); Aria Starus (Germany); Rachel Quaday (Korea); Edel Marie Jose (Philippines); and Matthew Williams (Netherlands).

Coro Program Selects 2 for Training

Vicenta Arrizón '04, and Gilbert Gonzales '03, have been selected to participate in the 2004-2005 Coro Fellows program in Public Affairs.

Arrizón and Gonzales will be based in the Los Angeles Coro Center and will take part in a series of internships, interviews, public service projects and seminars. They were among 64 interns chosen from a pool of 300-400 applicants nationwide.

The Coro Fellows program is the longest standing and best known of the Coro programs. It is an intensive nine-month, full-time, graduate-level program.



Pitzer Sets National ASA Record

Brianne Davila '04, has been awarded a Minority Fellowship from the American Sociological Association (ASA) to pursue graduate studies at UC Santa Barbara in the fall.

Davila majored in sociology and minored in Spanish at Pitzer. She worked closely with professors José Calderón, Maria Soldatenko and Ann Stromberg, who "really encouraged me and pushed me to go to graduate school," Davila said.

While at UC Santa Barbara, Davila intends to study Spanish speakers in special education and the way that affects their self-esteem, identity and emotional well being.

Davila is the fifth Pitzer student to win an ASA fellowship in the last two years.



Polk Music Award Honors Virtuosity

Pitzer College graduate Adam Chefitz '04, has been named the recipient of the 2004 Rudolph Polk Memorial Award in Music, in recognition of his technically and musically impressive performance of works by Bach, Mozart, Liszt and Prokofiev.

The Rudolph Polk Memorial Award in Music was established in 1958 by Rudolph Polk's widow, Mrs. Pauline Polk (Claremont), Professor Kenneth Fiske (Pomona College), Dr. Robert Bernard (Claremont University Consortium), and with gifts from Jascha Heifetz, Gregor Piatigorski, and the Los Angeles art dealer Dazell Hatfield. The award is administered by Claremont University Consortium.

During his academic career at Pitzer College, Chefitz has studied with Hao Huang, Preethi de Silva and Richard Cionco. Chefitz performed Liszt's *Totentanz* with the Claremont Concert Orchestra and Bach's *Goldberg Variations* in the spring.



Watson Fellowship Will Fund Year of Research

Filiberto Nolasco Gomez '04, has been awarded a Thomas J. Watson Fellowship to pursue his project, "Education on the Margins: Pedagogy and Agency in Marginalized Communities." Nolasco Gomez's project will take him to Guatemala, Brazil, South Africa and Northern Ireland.

He is one of 50 college seniors nationwide to receive the fellowship, which funds a year of travel and independent inquiry outside the United States.

Nolasco Gomez designed his own major in education with an emphasis on sociopolitical pedagogies. A major component of his education was a trip abroad to the Pitzer in Venezuela External Studies program.

Since 1997, Pitzer students have won four Watson Fellowships.



Dear Pitzer Community,

I am pleased to introduce my new and recurring column in the *Participant*. In this space, I intend to share with you exciting news and updates on Pitzer's ever-increasing constellation of international and language programs.

During the past year, we introduced new external studies programs in Darjeeling, India, and Ecuador (Intensive Language and Culture). Pitzer in China is back in full gear post SARS with enhanced possibilities for studies in neuroscience in relation to Traditional Chinese Medicine. A brief description of directed independent study projects completed by students on Pitzer programs will soon appear on our Web site. This important research component of



Carol Brandt

our programs allows students to explore an area of particular interest to them within the host culture through using their newly acquired language and cultural skills.

In the fall we are launching a number of Pitzer International

Exchanges that will allow us to send many interested students abroad as well as enhance campus diversity through a greater presence of international students. Destinations include Australia, Canada, England, Germany, Mexico, South Africa, Thailand, Spain and



Turkey. Many of these programs are a result of generous funding from the Andrew W. Mellon Foundation to facilitate parallel courses as a feature of "Mellon Exchanges," through which exchange students from Pitzer and the host institution enroll in a specially designed course taught by faculty at Pitzer and the institution abroad.

Please visit our Web site at www.pitzer.edu/academics/ilcenter/index.asp to learn more about our wide array of Intercultural and Language programs. You may wish to pay frequent visits to our Web site as we continually update the content in an effort to keep our community well connected.

My column will return in the upcoming *Participant* in the fall and include an update on our community-based Spanish and PACE Programs. Until then, I wish you and your family fruitful intercultural journeys of your own this summer.

■ Carol Brandt

Left, Pitzer in Italy external studies students pose for a photo in Piazza San Marco at St. Mark's Cathedral in Venice, Italy. Right, a Pitzer in Ecuador student works with a group of highland indigenous women on a community development project.

Pitzer Extends Warm Welcome to Australian Visitor

Pitzer student Heartie Look '07, and Flinders University student Belinda Liebelt were the first students to take part in the exchange program funded through the Andrew W. Mellon Foundation this spring. Both students were required to take a joint course at the host university and live in on-campus housing.

Paul Faulstich, Pitzer professor of environmental studies, worked with Professor Claire Smith of Flinders University in Australia on a course simultaneously taught at Pitzer and Flinders.

Look and Liebelt agreed to provide first-person narratives to the *Participant* describing some of their experiences during the exchange program.

From the small city of Adelaide in Australia, America is a world away. This is why when my university supervisor asked if I'd like to go on the first international exchange to Pitzer College near Los Angeles, I was skeptical. Studying overseas was never something I planned on for my university education, and this particular exchange seemed that it would take me to a place of movie stars, Hollywood and mass media! For me it appeared as a daunting idea, but also, an irresistible challenge.

It was not until my arrival at Pitzer that it truly dawned on me that I would be living in a different country with new people and a culture different than my own. After 20 hours on a plane, arriving at 7:30 in the morning on January 20, my Pitzer experience had begun. Within the first week, I was given warm welcomes from staff and students alike, phone numbers to call for help, and invitations to parties and events all over campus. I entered a community of friendly, responsive, enthusiastic people willing to assist my adjustment to Pitzer in any way. Before long, I settled in and became "a Pitzer student" along with everyone else.

Over the time here I had the privilege of meeting many new people and making many great friends. In addition, I had the chance to take part in the Pitzer lifestyle. The

relaxed liberal atmosphere at the College, coupled with a community of dynamic students, provides a refreshing and uplifting environment. I especially enjoyed the activism shown by students in community volunteering, events coordination and social issues such as intolerance.

The education I have undertaken at Pitzer has challenged me to think in new ways from a new cultural perspective. In particular, the intercultural/interdisciplinary studies have not only broadened my understanding of different topics and issues, but also of different and innovative ways of thinking about these topics.

I have made some great lasting friendships, which I will take back home with me in my heart to Australia. The experiences I had here are invaluable and will be sure to have an impact on the rest of my life. I will undoubtedly miss Pitzer life, the people, my friends, the lizards, the Grove House, the hammocks and the chickens. Thank you.

— Belinda Liebelt



Belinda Liebelt

Australia Holds a Few Surprises for Pitzer Student

Overall, this past month in Australia has been a very good one. Though I know I am 16,000 miles away from home, I do not feel like it. There is something very balanced and familiar about life here at Flinders "Uni." We are in the hills, surrounded by eucalyptus and pine trees. The smells and dry air remind me of California. The campus is much bigger, and from many points you can see the sparkling blue ocean in the background of the houses and city below. When I feel the urge to get off campus, I can simply jump on one of the many buses that run to the central mall, the city, suburbs and beaches. In addition, I could catch a ride farther up into the Adelaide Hills with my native friend, to his parent's dairy farm.

The Aussies seem to live up to the reputation of taking a liking to their beer and spirits. Beer and other alcoholic drinks are consumed more for a simple quiet moment in the day. One could go for a coffee or a glass of wine and it would be thought of as the same. I was clued into this last week when I saw professors at lunchtime taking a glass or two before their lectures. I guess they really do like the laid back

lifestyle.

I arrived at my on-campus apartment on the first day in a mixed state of exhaustion, curiosity, excitement and nervousness. All I wanted to do was turn my computer on and bliss out to my music. You cannot imagine my frustration when I was unable to do this due to the three-pronged, diagonal Australian outlets. I thought it was just the lack of sleep getting to me. The next day I set out to buy converters for all my plugs.

Australians are a proud people. Just about everywhere I go I meet a curious stranger interested in my "Americanness," but more eager to tell me about the greatness of Australia. There was a conversation I had with a bus driver in my first couple of weeks here. It started when I told him how strange it is to see people driving on the right side of the car and on opposite sides of the road than I'm used to in the U.S. He explained that it was actually the right way to do it. You see,

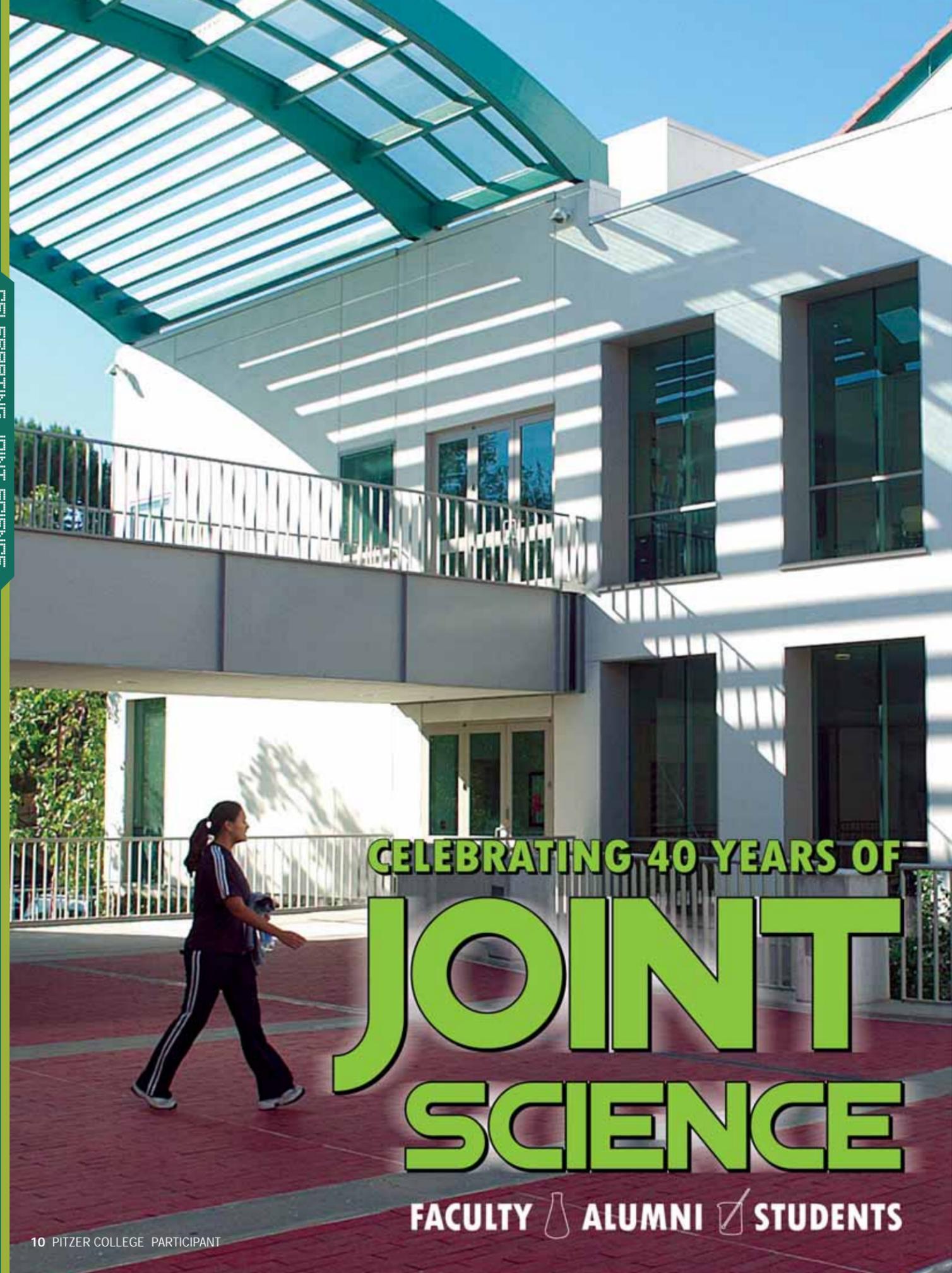


Heartie Look '07

"Australians are a proud people. Just about everywhere I go I meet a curious stranger interested in my 'Americanness,' but more eager to tell me about the greatness of Australia."

he explained, we Americans have it backwards, which I have heard in regards to the temperature being in Celsius as well as the letter "z" being called "zed." By the end of the conversation he had told me all about the different Australian cars that are sold overseas, as well as the popular models within the country. Before I got off the bus, he made sure to tell me about three times that if I see a Ford something-or-other, it's Australian made! I think he wanted to prove that even though America has a lot of influence on this land down under, it's a two-way street.

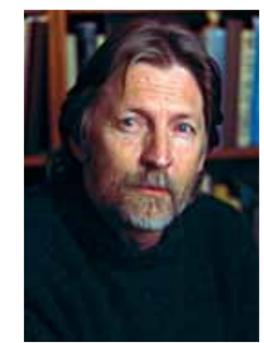
—Heartie Look



CELEBRATING 40 YEARS OF
JOINT
SCIENCE
FACULTY  **ALUMNI**  **STUDENTS**

The Joint Science Experience

The W.M. Keck Science Center perfectly complements the educational philosophy of Pitzer College — a commitment to interdisciplinary education that breaks traditional molds and engenders cutting-edge research and pedagogy. Distinguished biologists, chemists and physicists cooperate as members of a single



ALAN JONES
 Pitzer College
 Dean of Faculty

interdisciplinary department in the program. Pitzer students have had the opportunity to work with eminent and engaged scientists who, aside from their ground-breaking research, pride themselves on teaching and collaborative research with their students. Pitzer students have had the opportunity to co-publish a multitude of articles in leading science journals with their Joint Science professors.

The impact of the Joint Science program on Pitzer graduates is profound: Pitzer alums have not simply pursued distinguished careers in the field of natural sciences and medicine, but have followed an array of career paths in environmental sciences, psychology, forensics, neuroscience, engineering, teaching, veterinary science, law and business.



Joint Science At a Glance

- 1**
Biologists, chemists and physicists at start of Joint Science in 1964
- 23**
Tenured and tenure-track faculty members today
- 39**
Total number of Joint Science faculty
- 2,157**
Course enrollments 2003-2004
- 100**
Seniors graduating from the program each year
- 1992**
Year construction of W.M. Keck Science Center completed
- 3**
Partner colleges in Joint Science program (Pitzer, Scripps and Claremont McKenna)
- 75**
Percentage of Joint Science medical school applicants accepted each year



The Ultimate Protein Diet

Gretchen Edwalds-Gilbert's Research Explores the Role of the Hardest-Working Cellular Substance

Professor Gretchen Edwalds-Gilbert's hands move furiously as she talks about the students she has worked with in the Joint Science program. The animated conversation reveals the depth of her passion for her work at the W.M. Keck Science Center.

"I have worked with great students, many of whom have gone on to Ph.D. programs, probably to be the next Sue Celniker," she said (see page 18). "One of my Pitzer students, Sam Hesson '03, will be starting at UCLA in the fall. He studied

for a year at the National Institute for Health (NIH). His advisor at NIH said to me, 'If you have more students like that, please send them here. He is the greatest student I have had in my life.' And he has trained many students at NIH. So it just makes you really happy when you realize, 'I worked with him.'"

Edwalds-Gilbert is no less animated when she discusses the finer points of her research into gene expression, which looks at the processes by which genetic information is converted into protein, the

PHOTO BY CHRIS URSO

workhorse of the cell.

"The information on how to make the protein is stored in the DNA and in each cell you might not need the same proteins for a heart as in a liver cell," she said. "We don't use all that DNA in any given cell - it depends on the cell which proteins you are going to make. So we have it all stored. It is the same in every cell, we just don't use it all in every cell."

The process amounts to many different switches turning on and off, she said.

"Those switches are mediated by proteins," she added. "It is always a chicken-and-egg thing. In some organisms we are getting closer to figuring out that process — what proteins come with the egg to get started — but it's something we don't understand, when cells differentiate from one type to another."

Whereas some researchers look at the humble fruit fly, *drosophila melanogaster*, to understand the functioning of genetic material, Edwalds-Gilbert focuses on yeast.

“In the absence of consciousness, how does the machinery know how to do that, how do they know the right place to come together? I work on the proteins that help unwind RNA to get informational sequences. They are essential genes and they have counterparts in humans, too.”

"One of the reasons I switched to yeast was because I knew I wanted to work in an undergraduate institution," she explained. "I had worked with human pathogen, adenovirus, and you cannot do that in an undergraduate setting. It is not an issue of undergraduates being able to understand the complexity of human systems as much as it is an issue of safety concerns over exposure."

Edwalds-Gilbert went on to describe the importance of her research.

"Within yeast, there is an intermediate step in making protein where DNA replicates itself into RNA, but it is actually a premessenger RNA and the non-informational sequences need to be removed and the informational sequences need to come together and that is called splicing. And in about 15% of human genetic diseases, that step is the problem. You can imagine that if you are trying to remove sequences and then

they have to be in the right order to make a protein, if you are off by just a little then you are really off."

Splicing errors are to blame for an array of diseases, including spinal muscular atrophy and cystic fibrosis.

"Even in breast cancer, the most common mutation is a splicing error," she added. "Colon cancer involves a splicing error as well. We see a mutation and ask if it is a splice site and then determine what RNA is made and what protein. It is important from that point-of-view to understand how it takes place and what happens normally. So I study how that precision takes place. In the absence of consciousness, how does the machinery know how to do that, how do they know the right place to come together? I work on the proteins

STUDENT Profile

Rachel Levitan '05

Hometown: Flagstaff, Arizona

Majors: French and Chemistry

Career Goal: Medical school specializing in trauma medicine

"I came to Pitzer because of its small size," she said. "The College offered me the opportunity to study what I wanted and allowed me to do research as a freshman. I was able to study abroad in Nantes, France, for a semester as well. Most of all, I was attracted to the flexibility of Pitzer's academic program and my ability to design it to suit my interests."



Levitan works in the emergency room of Queen of the Valley Hospital in West Covina. She volunteers as a technician — checking patients' vitals and monitoring and transporting patients.

During her time in the Joint Science program, Levitan has assisted Professor Mary Hatcher-Skeers since the second semester of her freshman year with her research, which looks at protein binding using solid-state nuclear magnetic resonance (NMR) spectroscopy. Levitan's current project involves a technique she discovered to look at the same phenomenon using an infrared spectrometer.

"I have taken classes at state universities during the summer and I have to say I am so glad I came here," Levitan said. "It has been an amazing three years."

FACULTY Profile

Clearing the AIR

Katie Purvis-Roberts Tackles Southern California's Most Obnoxious Resident

Katie Purvis-Roberts, assistant professor of chemistry, pauses when asked about her favorite book. She reads with such frequency that singling one out is difficult, she said. After some thought, she offers up *City of Joy* by Dominique Lapiere.

"The book is about people who live in the slums of Calcutta, and despite horrible conditions, find happiness and joy around them," she said. "It affected me so much, because I read it I when I was in high school. It was the first time that I realized that even though I was happy in life, growing up in middle class suburbia, others were living in conditions I considered untenable

and yet finding happiness as well. It made me want to do more work in developing countries, which led to my chemistry research in Kenya and then in Kazakhstan."

Purvis-Roberts works with an anthropologist in Kazakhstan, in an area that the Soviet Union used for atmospheric and underground nuclear testing for nearly 40 years, to better understand not only the chemical elements contaminating the study sites, but the residents' outlook on the contamination as well.

"What we are trying to do is take actual medical and environmental data and correlate that to the level of

What we are trying to do is take actual medical and environmental data and correlate that to the level of risk perception that the people living there feel at the test sites.

risk perception that the people living there feel at the test sites," she stated. "Many of them are very worried and scared that they live in a contaminated area, which they should be. Right now we are in the middle of the study so we are going back this summer to give our results to the people who live there and the scientists who work on the test sites."

The sites were used for hundreds of tests, yet the study might assuage the residents' fears somewhat, she said.

"What we have found is that the actual concentrations of radioactive components in their food, water and air are much lower than we expected," she said. "Many people in the scientific community thought they were being exposed to amazing amounts of radiation and they actually are not anymore."

The test sites, one of which is a Kazakh village 25 miles from the location of underground tests and the



PHOTOS BY CHRIS URSO

Professor Katie Purvis-Roberts adjusts a research instrument mounted on the roof of the W.M. Keck Science Center. The instrument measures particulate matter in the air.

STUDENT Profile

Bobby McCanne '05

Hometown: DeKalb, Illinois

Majors: Math, English and Chemistry

Career Goal: Graduate school in chemistry or physics

"I came to Pitzer because it is a more relaxed, free environment," he said. "I applied and was accepted at Claremont McKenna, Pomona and Colorado College, but felt like



Pitzer was the best option because it imposes few restrictions on your course of studies. This environment is very well structured - Pitzer and the

Claremont Colleges atmosphere - there is almost nothing else like it."

McCanne's studies in math have centered on applied algebra, integrated chaos theory and algebraic topology. In addition, he has focused on inorganic and metallic chemistry. His English studies have allowed him to polish the writing skills necessary to be a science fiction writer.

He has worked closely with Professor Mary Hatcher-Skeers and will be doing his senior thesis with Professor Scott Williams.

"The Joint Science program is very student-oriented, both for learning and getting undergraduate students into chemistry for labs and research opportunities," McCanne said. "Students come out of the Joint Science program having done 10 times more research than elsewhere."





PHOTO BY CHRIS URSO

Terminal to Chronic

David Sadava Has High Hopes in the Fight Against Cancer

Ten years. A decade. Casual observers employ the unit as a way to mark cultural waves. The 1960s, they say, the 70s, the 80s. Investors have their own familiarity with the ubiquitous unit. They watch their CDs and bonds mature in the relatively short span of time. For parents, 10-year blocks mark major transformations in their children.

“Ten years,” Professor David Sadava answers. There is a glint in his eye. He leans back in his chair and thinks for a moment. “But I’m an optimist,” he adds. Ten years seems an even shorter amount of time when you consider the question before him: How long before there is a cure for cancer?

“Within 10 years we’re going to have a lot of specific treatments for specific tumors to at least slow the growth of the tumors,” he says. “We will make cancer a chronic

“
We will make cancer a chronic disease where you will hold it in check – it won’t expand, it won’t contract – it will kind of just sit there. That’s the dream of oncology right now.
 ”

disease where you will hold it in check – it won’t expand, it won’t contract – it will kind of just sit there. That’s the dream of oncology right now.”

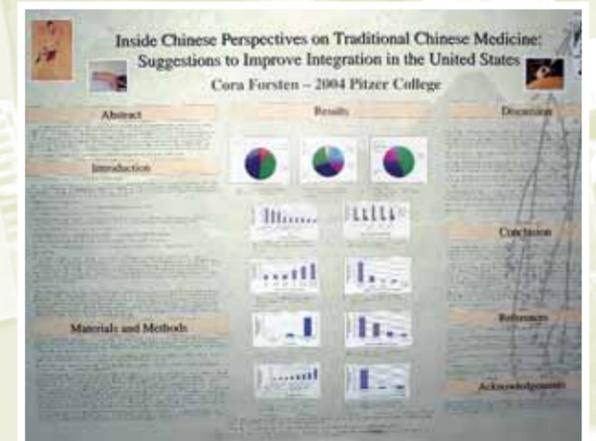
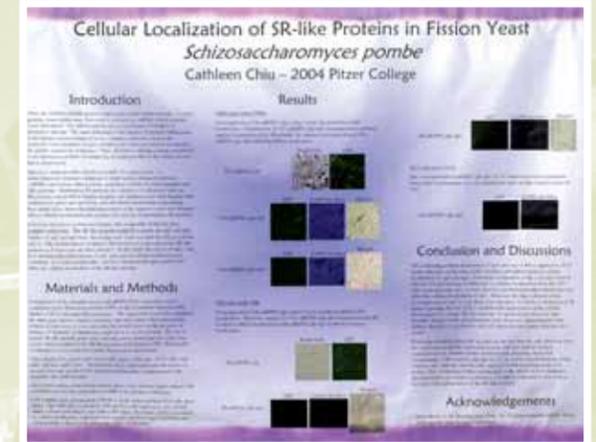
As a member of the Joint Science faculty, Sadava researches lung cancer and drug resistance in lung cancer. The disease has a terrible prognosis. “There are tens of thousands of cases and almost everyone dies,” he states. “Usually 85% of people who get lung cancer die of it and they die of it, because the tumor becomes resistant to drugs. In other words, you need so many drugs to kill the tumor by the time you are late into therapy that there is virtually nothing the doctor can do because the drugs will kill the patient as well. So we’re trying to understand how you can overcome that drug resistance with different drug combinations, drugs that have never been tried before.”

His work at the W.M. Keck Science Center has been successful, he says, in developing treatment combinations that are currently in clinical trials. One of the trials involves Rtemisinin, a Chinese herb that is used as an antimalarial drug.

“There are many different things we can do,” he says. “It’s kind of like a 10-alarm fire here, because this is a

STUDENT PROJECTS

Each year, Joint Science students mount posters in the halls of the W.M. Keck Science Center detailing research projects they have conducted during the academic year. These projects regularly include in-depth analysis of such topics as protein, the interaction between TB and HIV, and Chinese perspectives on traditional medicine and healing.



The Great Chain of Being

Susan Celniker plays a valuable role in the decoding of genetic information to fight crippling diseases

Susan Celniker '75, speaks modestly about her work as co-director of the *Drosophila* Genome Center at the Lawrence Berkeley National Laboratory. She quickly doles out credit for the lab's groundbreaking work to the many research scientists involved with the Human Genome Project. At the center of her work hovers a tiny fly, no more than 3 mm in length.

Drosophila melanogaster — the common fruit fly — is a very unassuming creature. It spends its brief lifespan gorging on spoiled fruit and gearing up for reproduction, for which the female is prepared within 12 hours of hatching from the pupal case. Almost as quickly as it comes into the world, it is gone, its four-week existence consisting simply of growth, reproduction and death. Its legacy: hundreds of eggs rapidly maturing to start the cycle anew.

Yet, the tiny insect has an enormous profile in genetic research. *Drosophila* has been used as a model organism for research for nearly a century. Its importance for human health was recognized with the Nobel Prize in medicine/physiology in 1995 to Edward Lewis, Christiane Nusslein-Volhard and Eric Wieschaus.

The Berkeley *Drosophila* Genome Project (BDGP) was a key partner in the complete mapping of the fly's whole genome in 2000.



Sequencing of the *drosophila* genome started in 1992 with the bithorax complex. At the time, Celniker was in the laboratory of Edward Lewis at Caltech. Celniker earned her Ph.D. at the University of North Carolina, Chapel Hill, moving to Caltech two years after attaining candidacy. She joined Lewis' lab in 1983.

"I decided I would rather do research so I stayed at the lab after my postdoctoral studies," Celniker said. "There is minimal teaching in my position now. I am a research scientist supported through grants."

The BDGP sequenced the bithorax complex and the Caltech group completed the sequence analysis.

"There were a number of students from the Joint Science program that had the opportunity to work with us as well," she said.

During her time at Caltech, Celniker frequently called on Professor David Sadava at the Keck Science Center for the names of students who wanted to help with research.

"I had students from all five colleges help me with my research," she said.

The overall goal of her research has always been to understand how genes are turned on and off and how they differentiate between what should be turned on and off, she said.

"This ties in nicely with cancer research," Celniker

explained. "Transcription factors regulate genes by turning them on and off during development; when they are misregulated we get cancers. I have studied what happens in normal cells. Cancer cells lose their identity and their ability to know that they are a certain cell type and they start to grow again and form a tumor. Early on, we understood that we could not understand the cancer process unless we determined the sequence of all the transcription factors and their targets."

In 1996 Celniker moved to Lawrence Berkeley National Laboratory to participate in the sequencing of the *drosophila* genome.

Drosophila's genetic structure provides an important building block for understanding human genetic structure.

"With the decoding of genetic information, you arrive at fundamental and important data," she said. "The fruit fly's genome is 1/30th the size of that in a human, but a number of the genes are similar - genes that control development and identity of body parts such as the head, thorax and abdomen. The basic body design is encoded in a set of genes. Ideally, the long-term implications of our research would be to gain information necessary to fight Parkinsons, Huntingtons and Alzheimers."

Celniker's interest in science and biology started in childhood with trips to the Natural History Museum in L.A. When it came time to go to college, Pitzer stood out among the crowd of colleges she could attend.

"I turned down UC Berkeley to come to Pitzer and I have not regretted it," she said. "At the time, I was delighted to feel like I was in control of my studies. Initially, I thought I wanted to be an anthropologist. I took a population genetics class for my anthropology studies and as a consequence enrolled in a classical genetics class at Joint Science. That really convinced me - science was more rigorous and I enjoyed it in terms of

the hard data you work with. I liked the idea that you could ask questions and collect data that was not subjective."

David Sadava, whom Celniker described as a true Renaissance man due to his creativity, talent and excellence in teaching at an undergraduate institution, was an encouraging factor in her education.

"Professor Sadava allowed us great freedom and gave us an honest introduction to research," she said. "And he helped me get my first job at City of Hope," she added.

"I have no doubt the major advantages of the Joint Science program are the personal interaction and instruction you receive. Faculty members Freeman Bovard, Leonard Dart, Robert Feldmeth, Anthony Fucaloro, Dan Guthrie, Meg Mathies, Robert Pinnell and David Sadava were there all the time and would spend hours with you if you had questions. I often go back to David and ask for career advice."

Celniker summed up her career as a chain of remarkable circumstances.

"I have been really fortunate to be part of some spectacular projects," she stated. "It was an amazing opportunity to work with Ed Lewis at Caltech. The same is true of my work here at Lawrence Berkeley National Laboratory."

Pitzer forged the initial link for Celniker.

"Pitzer develops your independence and fosters your ability to make your own path," she said. "Students there gain a certain faith that you can create your own life and career. I had no idea I would end up where I am, but Pitzer gave me a solid foundation and the support that made me successful." ♣

— Jay Collier



The common fruit fly (not to scale!), *drosophila melanogaster*

New Resources

Warren Klausner draws on a wealth of tools in his osteopathy practice, including many he picked up at Pitzer

Warren Klausner '89, uses many of the same tools as other doctors: care, compassion, knowledge and training. But his career path separates him from many in the profession. Family tradition did not drive his choice to enter osteopathic medicine. Neither did a burning lifelong desire to enter the profession.

"Originally, I was a business major at the Wharton School at the University of Pennsylvania," Klausner said. "I went for three years, then left and worked in corporate America. After several years I decided to pursue a career in health care for a variety of reasons. Personal health problems such as chronic illnesses basically drove my decision to go into medicine after being out of school for about 10 years."

Klausner grew up in New York City, but his interest in business waned as he moved farther west, eventually landing in California. His introduction to the Claremont Colleges came from his girlfriend — now his wife — who lived in Claremont almost her entire life and whose father was a physician in student health services for the Colleges.

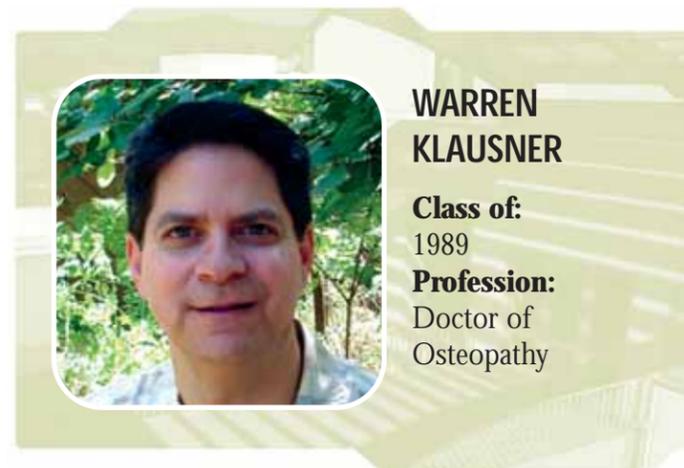
Cindy Edwards, as she was then known, was familiar around Southern California as a blues singer. She also has ties to the early history of flight as the great-grandniece of Orville and Wilbur Wright.

"As I looked at the Claremont Colleges, Pitzer was really attractive because of the New Resources and Joint Science programs," Klausner said. "Pitzer had open arms for adults returning to college. When I heard about New Resources it sounded tailor-made for my return to the education environment. The program really addresses the transition to studies, exams and immersing yourself in a culture that you have been out of for several years."

Because of his prior years at Wharton, Klausner had fulfilled many of the general requirements necessary for his degree. Science classes were all that was left for him so he spent a great deal of time in the Joint Science department.

"One of the stark realizations I had was just how high the level of academics is at the College," Klausner stated. "I was shocked at the demands of the courses, which was great preparation for medical school. Courses in Joint Science turned out to be much harder than medical school. Joint Science was much more stimulating and rigorous. And I was blown away by the faculty."

After graduating from Pitzer, Klausner enrolled at the College of Osteopathic Medicine of the Pacific, now



**WARREN
KLAUSNER**

Class of:
1989

Profession:
Doctor of
Osteopathy

known as Western University of Health Sciences, in Pomona. There was no relationship between Pitzer and Western at the time, though Pitzer has enjoyed a partnership with Western since 1999. The current program requires three years at Pitzer and four at Western to earn B.A. and doctor of osteopathy degrees.

"I may have been among the first Claremont Colleges students to go there," Klausner said. "I wanted to be an osteopath instead of an M.D. because the training is more holistic and teaches physicians to do hands-on medicine. My graduating class was the first to break into the San Bernardino County system for residencies and training, which primarily was geared to medical doctors. We really had to go above and beyond what was expected of us to prove ourselves."

Klausner described osteopathy as family medicine, but with several distinguishing characteristics.

"I don't have the conventional family practice where people come in for a five-minute exam and then they're sent on their way," he said. "When my patients come in I take anywhere from half an hour to an hour to talk with them and get to know them in order to provide the best, most effective treatment possible. People are drawn to my practice because they are seeking a more holistic approach to medicine: everyone from newborns to the elderly. As a result, I make use of everything medicine has to offer and treat everything from colic and ear infections to asthma and behavioral issues."

"The point of osteopathy is to activate, through manual medicine techniques, the natural healing processes of the body through gentle manipulation of

KLAUSNER, page 23



“ The Field Station offers opportunities to study ecosystems up close that are as important to the education of biologists as are opportunities to learn the techniques of molecular biology. ”

Essential Ecosystem

Sitting alongside banks of purple Phacelia, students lean forward intently, counting and identifying pollinators. Laughing, and rowing inexpertly, students take light and temperature measurements as they study pHake Lake. Threading their way through the natural coastal sage scrub, students collect information on plant and animal diversity to compare with the developed campus. Educational opportunities such as these are rarely available to undergraduates, but are common here at the Claremont Colleges because of the Bernard Field Station, which is located across from Harvey Mudd College. Part of the land donated to the consortium in 1926 by Ellen Browning Scripps, the BFS was established 50 years later when Claremont University Consortium bought the land from the Scripps Trust. The land was fenced, the lake was dug and an outdoor classroom was built. Because it is so close to the Colleges, labs can take place here without costs in teaching time or transportation, making it usable by undergraduates at all levels. The fence makes it a safe place for students to carry out research projects outside of lab time, and they do, from freshmen lab reports to senior theses.

Throughout its history, the BFS has also helped educate the community about local ecology by sponsoring open houses and tours for local schoolchildren and scout troops. For some years



PHOTOS BY CHRIS URSO

now, students enrolled in Pitzer's Leadership in Environmental Education Partnership (LEEP) program have worked with local elementary children throughout the spring semester at the BFS.

The Field Station offers opportunities to study ecosystems up close that are as important to the education of biologists

as are opportunities to learn the techniques of molecular biology. Both parts of biology are necessary to a clear understanding of what is in the world and why, and we are very lucky (and the envy of other institutions!), because we have excellent resources in both areas.

—Susan M. Schenk



Students from the Joint Science program and Pitzer's Leadership in Environmental Education Partnership use the lab at Bernard Field Station with the guidance of Susan M. Schenk.

Rock 'N' Roll Fantasy

Well, not quite, but Steven Scheyer finds you can get what you want

Steven Scheyer '80, enjoys prestige and certainly a rewarding life as the president of Newell Rubbermaid's Global Business with Wal-Mart Stores, Inc., which now extends to 11 countries around the world. His lengthy career in business includes rapid ascents from entry-level sales positions to top executive offices.

But he still lacks satisfaction. Not satisfaction in the sense of fulfillment, peace of mind or accolades for his many accomplishments: Scheyer wants to be a rock star. And not just any rock star - he wants Mick Jagger's job.

"I have been a Rolling Stones fan since the late 1960s and I think it would be incredibly exhilarating to play in front of a crowd like the Stones gather and be passionate about what you're doing," Scheyer said. "I have seen every tour since 1972. It is so cool to see them, because they're still doing it."

So, was Scheyer practicing Jagger-like stage struts and perfecting a smoky, raspy voice when he was in high school? No. Was he penning lyrics to classic, blues-inspired rock 'n' roll songs? No. He was working as a surgery scrub technician during his summers, dreaming of a career in medicine.

"I really thought the medical field was where I would end up," he stated.

Scheyer considered UCLA, USC and Pomona College before deciding on Pitzer.

"I was looking for a couple of things - definitely liberal arts - and I wanted a broad education," he said. "I was sure my interest was in science, particularly medicine, and I felt if I went to a school with too narrow of a curriculum it wouldn't help my career goals. The Joint Science program at Pitzer has great resources and places a high percentage of its graduates into medical school. It seemed to be a place that would be a great springboard if I ended up choosing medicine."

As Scheyer neared graduation at Pitzer, his medical career aspirations faded.

"My interest in social sciences, business and writing became much more important to me," he said. "I was still taking a heavy science course load, but I began to question whether I wanted to be in another five years of school plus all of the time I would have to work in my specialty. Basically, I started thinking about what I wanted to be when I grew up."

After some soul searching, Scheyer consulted with Professor David Sadava about his options. Scheyer said he knew that with his broad liberal arts education, there were many career options from which to choose.



STEVEN SCHEYER

Class of:
1980
Profession:
President of
Newell
Rubbermaid

"I knew I wasn't going to be a research scientist," he said. "I had a lot of other interests. Between my junior and senior year the choice became a real dilemma for me, because everything I had done was so geared toward medicine."

Around the time of his graduation, Scheyer's father suggested he give the family business a try in a sales position. Scheyer's grandfather had started the business, Decorel, in 1903. Decorel was one of the largest manufacturers and distributors of picture frames and related items in the United States.

"Shortly after graduation I found myself in the fields of Missouri and Kansas calling on retailers like Kmart and Wal-Mart. And I really enjoyed it. There I was, using my science education and background to, ironically, work with people in retail and drive a lot of business."

Scheyer rose through the ranks of the company to district manager, then vice president and finally, executive vice president, along the way building the business from \$20 million in sales in the early 1980s to \$100 million in the mid-1990s. The family sold the business to Newell Rubbermaid, an \$8-billion global consumer products leader, in 1995. Scheyer stayed with the company.

"It was almost like my MBA," he said. "I had worked for 15 years in a private environment and following the sale I found myself in a Fortune 500 company. I stayed for four years, combining our business with theirs and building the nation's largest position in picture frames."

Scheyer left Newell Rubbermaid in 1999 to take the executive vice president position at starbelly.com, which specialized in promotional products. Scheyer and his team built the business quickly then sold to

Halo the following spring. Then Newell Rubbermaid came calling with an offer to run a new, separate division to serve their number one customer, Wal-Mart.

"It was a tremendous opportunity for me to be able to run a business with sales well in excess of \$1 billion," Scheyer stated. "I lead a great team of people 100% focused on our global partnership with Wal-Mart, which includes Wal-Mart U.S., Wal-Mart International and Sam's Club. My responsibility leverages the 20-plus year relationship I've had with Wal-Mart going back to my Decorel days, long before they became the largest retailer on the planet."

Scheyer contends that the Joint Science program prepared him for the jump from biology to business.

"The incredible thing about the program is that I cannot imagine too many colleges where you can be in an organic chemistry class in the morning and a poetry class in the afternoon," he said. "The program helped

me understand balance, specifically the connection between managing a broad course load and managing a business. A lot of my work is about connecting the dots and seeing how things are interrelated. The thought processes of the sciences connect to a way of thinking about the moving parts of a business, which is one of the assets that helped me in my business career and supply chain management."

Business associates often seem surprised to learn that Scheyer did not go the straight business school route, he said.

"Overall, the message is you can do a lot with a Pitzer education. It is typical of Pitzer to be atypical, which is one of the great things about the school," he said.

Satisfaction guaranteed. 🍷

— Jay Collier

» KLAUSNER from page 20

joints, bones, connective tissues, muscles and ligaments as an adjunct to the traditions of drugs and surgery," Klausner added. "In the tradition of the medical injunction to do no harm, I do everything I can to get the physical body working as efficiently as it can. To me,

it's still family medicine, but I have other tools to draw from my medical bag."

Pitzer remains for Klausner an important part of his medical training.

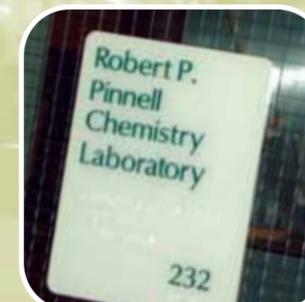
"I consider myself incredibly fortunate to have participated in such high-quality education," Klausner elaborated. "Through what Pitzer enabled me to do, I am now able to help a lot of people. I consider my Pitzer experience to be instrumental in my ability to give back to society." 🍷

— Jay Collier

Lab Dedication



Joint Science faculty and friends gathered Feb. 27, 2004, at the W.M. Keck Science Center for the dedication of labs in honor of longtime professors Robert Pinnell and Meg Mathies. Pitzer President Laura Skandera Trombley said in her introduction of Pinnell, left, that he developed such a personal, almost parental concern for the students' success that students were frequently motivated to study more and work harder in order not to disappoint him. Scripps President Nancy Bekavac introduced Meg Mathies, citing her longtime dedication to the Joint Science program. The dedication of labs in their honor, many said, was most appropriate considering Mathies and Pinnell's intense devotion to service and teaching.



» AIR

from page 15

other is a Russian village 30 miles from ground zero of the atmospheric testing, closed in 1991. Health problems among the people at the sites range from high incidences of birth defects and cancer, to genetic effects that people are encountering two or three generations after exposure. Without a nationally funded plan similar to the U.S. Superfund cleanup efforts, residents near the test sites are left to fend for themselves.

"We are hoping to bring this to the attention of people in the government to help the people who live near the test sites. It is a really depressed area and if we could inject even some small sense of the problem into national dialogue it could help," Purvis-Roberts stated.

Purvis-Roberts also pays attention to pollution closer to home. Alumni and friends of the College may well recall that on certain days the gorgeous mountains north of campus disappear in a haze sometimes the product of a marine layer and at other times the byproduct of industrial development.

"I have been here for three years, but I am pretty amazed at all the sources of pollution in the area," she said. "I came to interview during the middle of winter when the air was clear and beautiful and thought this would be a great place to live. Then when I came in the summer I realized I couldn't see the mountains!"

Many factors contribute to the pollution in the Inland Empire, an area roughly bounded by Upland on the west end, Banning on the east, Adelanto to the north and Temecula to the south. The most common sources are cows, which produce gases that mix with auto emissions to pose a danger, and diesel emissions from tractor-trailers, trains and ships in Long Beach harbor.

Purvis-Roberts measures the particulate matter in the air with several instruments. Her portable devices take measurements over 12- to 24-hour averages. Her other system is one of only 10 in the world and takes measurements every 20 minutes to provide a continuous picture of particulate matter chemistry. Rodney Weber and Douglas Orsini designed the Particle Into Liquid Sampler (PILS) at Georgia Tech. An inlet line is mounted on the roof of the Keck Science Center (along with a weather station) and an air stream is pulled into the laboratory through the PILS with a vacuum pump.

"That is something special, because air pollution researchers cannot usually get such precise measurements on such short time scales," she said.

As an environmental chemist, Purvis-Roberts teaches environmental chemistry for upper-division students for science majors and a lower-division natural science course for non-majors.

"I am trying to get more projects going in Ontario, especially with my majors classes in the fall semester," she explained. "I am going to have them do environmental chemistry projects there to try to understand how air and water pollution are affecting the community."

"I have read many studies about the impact of pollutants on children, particularly smog and particulate matter," she



From left to right, Dr. Cynthia Werner, Texas A&M University; Dr. Nurlan Ibraev, Agency of the Health Care of the Republic of Kazakhstan; and Katie Purvis-Roberts stand near ground zero of the Semipalinsk Nuclear Test Site where the first ever Soviet atomic bomb was tested. The structure behind them housed instrument towers used to measure yield and radioactive components. The team wears the booties and masks to protect against radioactive particles in the environment.

continued. "They actually have lower lung capacity and higher instances of asthma. There are a lot of areas, like in Ontario, where there are huge distribution centers with diesel trucks going in and out all the time. The Clean Air Congress, which I belong to, and the Air Quality Management District, are working together to go into these communities and hold forums so that community members learn how to make their voices heard when it comes to keeping such centers of pollution out of urban areas."

The major contributor to air pollution in the area is diesel emissions, according to Purvis-Roberts.

"There have been studies that discovered that trucking industries use a device when emissions are being tested on the trucks to switch the truck into a special mode to reduce the emissions during testing. As a result, emissions are actually greater from the diesel trucks than we had been calculating."

The Joint Science program provides tremendous assistance to Purvis-Roberts in her research.

"The students here are amazing," Purvis-Roberts explained. "One of my favorites is Josh Gordon '05, from Pitzer. When Josh came in as a freshman in my general chemistry class he was trying to get his feet wet and get organized in chemistry. He had never had chemistry before and he came to me and said, 'I really wanted to work in your lab one day.' And I was thinking, 'Well, you have a long way to go!' But he got everything together and started working for me his sophomore year and has done a lot of interesting work."

The combination of such a talented pool of assistants, a commitment to making communities safer and Purvis-Roberts' vital research will go a long way toward making the area an even better place to live. ♣

—Jay Collier

» CANCER

from page 17

horrible, horrible tumor and a horrible situation for these patients."

The research on Rtemisinin came out of Sadava's collaboration with a Chinese herbal medicine doctor. With so many patients with cancer and other serious diseases reading the Web and taking different types of herbal remedies for their conditions, Sadava says it is important to look at whether these herbs are not just doing harm, but doing good.

"The general attitude within the medical community is that if they're not doing harm then go ahead and take them," he says. "So we began some studies of these herbs and it looks like they're acting, in some ways anyway, in a similar way as traditional chemotherapy. Our objective is to lower the dose of chemotherapy necessary. The herbs would serve to magnify the effects of the therapy and you wouldn't need as high a dose of traditional treatments."

Sadava unabashedly supports alternative approaches to finding a cure for cancer, especially when the other forms of treatment have brought results.

"It's morally repugnant not to use them, because the people with lung cancer, they're all dying," he argues. "If you have patients that are condemned to death you may as well try something if there's a reasonable chance of success. If a Chinese herb has been used for a thousand years treating lung cancer with modest success and has been shown in our studies to be active at the molecular level, then, although we haven't proved it out with pure molecules, it's worth trying if only because the patient is going to die and we need to do something."

Pitzer students are fortunate to be a part of the process of discovery involved in pursuing alternative forms of cancer treatment. In fact, there are very few areas in Joint Science where students are not involved in research and development.

"There are people working in environmental science, working on fish that live in the Arctic, working on seabirds, and working, in my instance, in cancer research and chemotherapy," Sadava says. "There are about 65 seniors and 20 to 30 lower-division students working on projects. Easily close to 100 student researchers pass through here each academic year."

As a result of the Joint Science program's focus on teaching, students enjoy a level of attention not found at most universities.

"People have to understand that a university is there for the faculty and a college is there for the students," Sadava explains. "This is very true in the sciences. Most professors in universities do little teaching and mentoring. Classes are extremely large and are taught by teaching assistants. Our students are very lucky they get mentoring by faculty members. We publish papers in journals all the time with students. Faculty members are just as bright as those at a university, they are just more devoted to undergraduate education."

The Joint Science program enrolls about 2,000 students per year. Of those, 25% to 30% come from Pitzer. Enrollment climbed significantly in the 1990s, especially after the con-

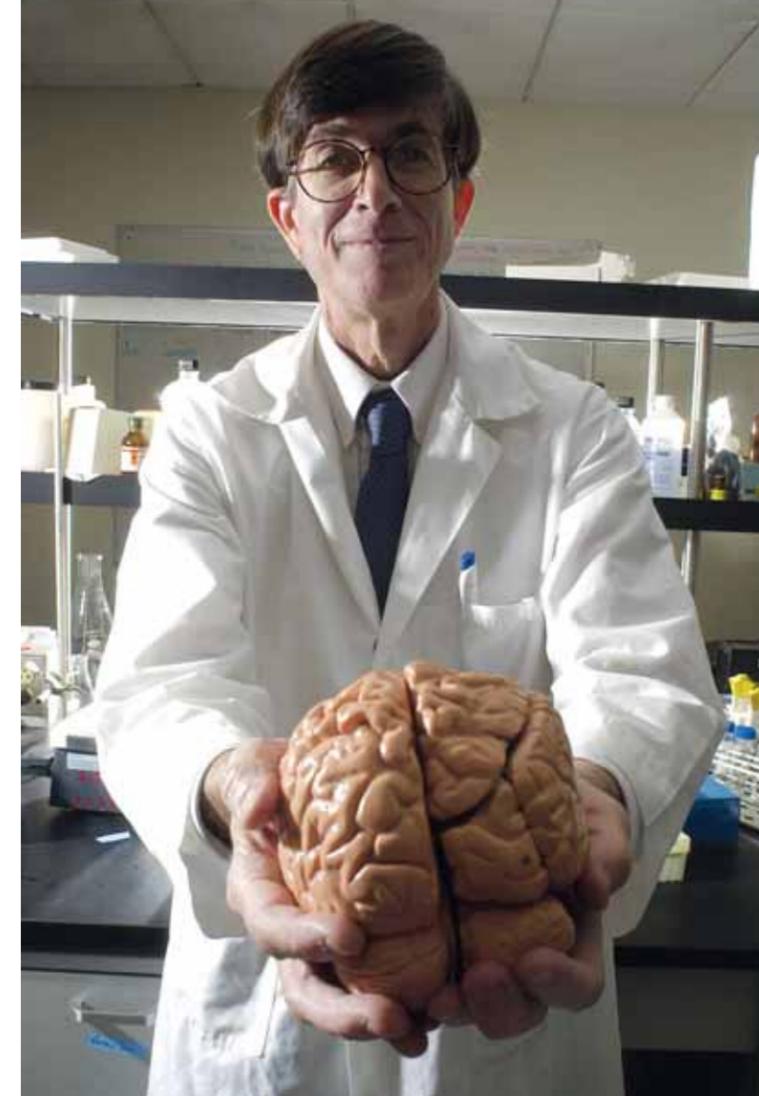


PHOTO BY CHRIS URSO
Professor David Sadava has much on his mind in his search for alternative therapies in the fight against cancer.

struction of the W.M. Keck Science Center in 1992.

"The new building has allowed us to do the increased amount of research we do now through the increase of lab space," Sadava says. "But our greatest need is more building space. We thought this building would last us 30 years. It lasted five. Our enrollments and faculty doubled when we came to this building."

Sadava sees the face of the biological sciences changing drastically in 10 to 15 years.

"We're thinking about that in terms of the different kinds of education that we can offer," he states. "Biology education is changing. The needs of biology are changing. With the human genome project, biology is going to become more analytical and mathematical and more computer-oriented. So it's probable a biology major 10 years from now will have more math and physical science. That being said, it means that chemistry and physics will be more integrated into the curriculum. I suspect there will be more interdisciplinary action in our department than we're doing now."

Perhaps those students 10 years down the road will have a new focus: pushing cancer treatment from the success Sadava predicts into elimination of the disease for good. ♣

—Jay Collier



COME CELEBRATE 40 YEARS WITH US

OCTOBER 9-10, 2004

This fall, the Joint Science Department will celebrate its 40th birthday with a weekend full of activities Saturday, October 9, and Sunday, October 10. Alumni from all three Colleges are invited to gather with fellow science grads to judge a poster session highlighting student research, reminisce with emeriti faculty, meet the newest members of the department and hear talks by some of our many successful alumni.

For information, contact Jamie Brown '99, Director of Alumni Relations, at (909) 621-8807 or jamie_brown@pitzer.edu or Professor Steve Naftilan at (909) 607-3097 or stephen.naftilan@claremontmckenna.edu



» PROTEIN

from page 13

that help unwind RNA to get informational sequences. They are essential genes and they have counterparts in humans, too. If you knock out an essential gene and remove it, then the organism dies. We can do these studies in yeast."

The ultimate goal, Edwalds-Gilbert explained, is human health.

"People who work in splicing are trying to see if they can correct splicing defects," she said. "If they know what is involved in the precision, then it is possible to make that correction either by correcting the DNA or by helping in other ways."

In addition to her course load, research and mentoring of student researchers, Edwalds-Gilbert is an Irvine Diversity Fellow for the 2004-2005 academic year.

"Within science I am interested in educating and having my colleagues think about diversity," she explained. "Many do, but many don't. They say an equation is an equation; DNA is DNA. I am hoping that people can see by working with field groups we are going to try to get people talking about things with respect to pedagogy, not courses, so people can see when they are selecting examples or problems to use they might go past using sickle cell anemia, that they might think of other ways of doing things. We want people thinking about diversity and realizing it is relevant, not simply a Pitzer thing."

"In the world of science in our journals, there is stuff all the time about the changing face of the workplace and how we can change who is going into science," she said. "So from the policy level, this has been around for a long time. But it is about going beyond reading the journal article and thinking it was an interesting study. The focus needs to be on what we can personally do, how this affects us and where we are in this." ♣

— Jay Collier



PHOTO BY CHRIS URSO
Professor Gretchen Edwalds-Gilbert prepares samples in her W.M. Keck Science Center laboratory.

PITZER FAMILY CONNECTION

To Our 'New' Parents

On behalf of the Pitzer Family Connection (PFC), we offer a bona fide Pitzer hello. We are thrilled that your son or daughter has chosen this unique environment to spend their college years. In the coming weeks, be on the lookout for a welcome packet including information about the PFC, the summer welcome receptions we hold across the country (in the weeks prior to Welcome Week) and the Family Day schedule and travel logistics.

For more information on the PFC, please go to www.pitzer.edu and click on "Parents and Friends." You can also e-mail our staff with any questions and/or any concerns you may have at parenthelp@pitzer.edu.

SUMMER WELCOME RECEPTIONS

| Location | Host | Date |
|---------------|------------------|-----------------------|
| Portland | Tom Shipley '91 | August 14, 2004 |
| Seattle | Kilpatrics '05 | August 15, 2004 |
| Bay Area | Petersons '07 | August 15, 2004 |
| Claremont | Bakers '01 | August 22, 2004 |
| Chicago | Jill Baskin '77 | August 22, 2004 |
| New York City | Dave Neubert '88 | August 2004, date TBA |
| TBA | TBA | August 2004, date TBA |

Family Weekend 2004

In February more than 150 family members enjoyed the festivities at Family Weekend '04. This annual, three-day event is a wonderful opportunity to go to class with your son or daughter, meet other Pitzer families, enjoy a taste of campus life, talk with President Trombley and attend programs designed especially for parents.

To see photos from our last Family Weekend, go to www.pitzer.edu, click on "Parents and Friends" and find "Events for Families." We encourage you to mark your calendars now for next year's activities.



Pitzer parents enjoy the warm sunshine that Southern California provides during February Family Weekend. Family Weekend gives parents and family members the opportunity to meet other Pitzer families, get to know our faculty and visit their child.

Welcome to the new Pitzer Family Connection. This section of the *Participant* will act as an informational resource for parents and family of students at Pitzer College. We will include updates on Pitzer and event dates on campus and in your area. For monthly updates, subscribe to our e-newsletter, *Parent Newsbytes*, by submitting your e-mail address to parenthelp@pitzer.edu

MARK YOUR CALENDARS

August 26, 2004
Family Day for New Parents

August 26-30, 2004
Welcome Week for New Students

August 31, 2004
First Day of Fall Classes

October 18-19, 2004
Fall Break

November 25-26, 2004
Thanksgiving Recess

December 10, 2004
Last Day of Classes

December 13-17, 2004
Finals

January 18, 2005
First Day of Spring Classes

February 19-21, 2005
Family Weekend

March 14-18, 2005
Spring Break

April 29, 2005
Last Day of Classes (Seniors)

May 6, 2005
Last Day of Classes (Non-Seniors)

May 9-13, 2005
Finals (Non-Seniors)

May 15, 2005
Commencement

Grove House Celebrates 100 Years

The Grove House was the center of attention at this year's Alumni Weekend, April 30 - May 2. Beginning with a nostalgic evening on Friday, alumni and community friends joined Grove House "craftsman" Barry Sanders, professor of English and the History of Ideas, for a colorful journey into the past sharing stories encompassing more than 100 years of Zetterberg house history.

With Professor Sanders' musings setting the stage, the celebrations picked up speed on Saturday evening with a reception commemorating the new "Stephen I. and Connie L. Zetterberg Grove House Endowment." Stephen and Connie were joined by three generations of Zetterbergs honoring them with this special gift to the College designed to ensure that the family home will be maintained in perpetuity — offering a "home away from home" for Pitzer students. Alan Zetterberg spoke on



PHOTOS BY SANDY REEVES

Above, alumni, faculty and staff guests enjoy the evening reception, including (right to left) Jim Jameson, retired VP of Development and Interim President; Rachel Vandervorst, Grove House Manager; Katrelya Angus '84; Richard Hamilton Bridge and his wife, Claire. Left, President Trombley and Professor Sanders join Stephen, Connie and the entire Zetterberg family for the Grove House endowment gift presentation.

behalf of the family, formally presenting the gift from the family and noting how heartwarming it is to see their childhood home fulfilling a vital role on the Pitzer campus. A new publication titled *Grove House: A California Bungalow Goes to College*, by Barry Sanders, was presented to the Zetterbergs in honor of their family's involvement with the College.

Sunday morning, a group of interested alumni, donors, faculty and staff came together for an organizing meeting of "The John R. Rodman Arboretum and Grove House Board of Friends." One of several new Friends Boards being organized around "centers of excellence" at the College, this group will provide advice and advocacy for these two vital and closely linked elements of the College landscape. The group promises to be very busy as the new campus master plan begins to unfold over the next few years.

DIVERSITY COMMITTEE

In the spring of 2004, a series of racially motivated acts of disrespect, aggression and violence occurred on some of the campuses of the Claremont Colleges. In January, during the winter break, a Pomona student's artwork, a large cross-like sculpture, was removed from that campus and later burned by a group of students on Harvey Mudd's campus. In March, in a much-publicized case, a faculty member's car was vandalized and painted with ethnic, gendered and religious slurs. Between these extraordinarily reprehensible events, smaller, but equally demoralizing actions were taken against Pomona students of color.

While none of these events were aimed at, nor enacted by members of the Pitzer community, Pitzer's Diversity Committee felt moved to respond. The Diversity Committee is composed of faculty, students and staff. It serves as both watchdog and proactive force regarding issues of diversity at the College. We believed that Pitzer, as a community, needed to voice our strong opposition to acts of hate, intimidation and destruction in our midst. Many of us readily move between these campuses to learn, socialize and teach.

Although our campuses have distinct histories, cultures and administrations, we felt it was imperative to mark how we at Pitzer are members of the broader Claremont community; how acts that endanger a member of one college make us all unsafe; and how the sanctioning of violent behavior in one location sanctions it across our community.

We acted quickly, and responded to the two events described above, by penning brief statements in support of their victims and condemning intolerance. These were both ratified by the College Council, and then shared with the wider community. Pitzer's Board of Trustees ratified our first resolution. These statements follow.

Resolution regarding cross burning

Pitzer College deplores the reprehensible action taken by members of the Claremont Colleges community that led to the burning of a student's art piece, an eleven-foot tall metal cross draped in cloth. The symbolism of a burning cross is linked to a long history of racial intimidation, violence, and hatred that is unac-

ceptable under any circumstances.

We extend our sympathy and support to the student whose work of art was desecrated. Furthermore, we commit ourselves as a community to a higher level of tolerance, respect, and freedom of creative expression that celebrates the truly multicultural and diverse composition of our community and society.

Resolution regarding vandalism of car

We, the College Council at Pitzer College, condemn all acts of intolerance at the Claremont Colleges and the hate crime directed at a Claremont Colleges community member. These acts are inimical to the concepts of civility, community and academic freedoms for which we as an institution strive.

Editor's Note: Kerri Dunn, the former visiting professor at Claremont McKenna College who reported the acts of vandalism on her car, recently pleaded not guilty to one misdemeanor of filing a false police report and two felony counts of insurance fraud.

FACULTY, STAFF SET RECORDS



Pitzer staff members Tanya Eveleth, Marcie LaFreniere, Moya Carter and Judi Day enjoy the faculty and staff campaign celebration May 5. Faculty and staff broke all previous campaign records by reaching more than 90% participation. More than \$50,000 was raised with 100% participation from 13 offices.

Thank You Class of 2004

With the tremendous efforts of Senior Class Gift Chair Molly Weinstein, Senior Class Representative Christopher Chu, and committee members Sarah Boster, Darik Eaton, Summer Keliipio, Karina Nagin, Michelle Stroebe, Monica Tirado, and Genji Torihara \$5,836.74 was raised to support the Pitzer Book Scholarship fund as well as a memorial for Daniel Stevens '04. An amazing 96.5% of the class participated in the Senior Gift Campaign, a record for Pitzer!



Chris Chu '04

Special thanks to Executive Assistant to the President for Marketing and Planning Susan Andrews, Dean of Students Jim Marchant, Zander Sprague '91, and Professor Linus Yamane for their charitable challenges to encourage the senior class to continue the tradition of gen-



PHOTOS BY PHIL CHANNING
President Trombley accepts the Senior Gift.

erosity. Many thanks to Associate Dean of Students Chris Freeburg for wearing a suit to Commencement Rehearsal once the class reached 85% participation, Nelson Trombley, curator of Nichols Gallery, for dyeing his hair Pitzer orange once the class achieved 90%, and Dean Alan Jones for shaving off his beard once the class hit 95%. With so many faculty and staff behind the senior class, it is no wonder they reached record-breaking success!

GATHERING FOR DIVERSITY

Kate Peters brought her ensemble, *Gathering*, to Pitzer on April 30 for a day of performances highlighting diversity. Susan Andrews, *Participant* editor, asked Peters to tell the community a little more about her group and its mission.

Question: What inspired your ensemble with the idea to form a group focusing on affecting diversity?

Answer: In *Gathering*, musicians accomplished in the areas of jazz, classical, rock and folk music came together after the World Trade Center tragedy to help with the healing. At first, we tried to perform in all different styles.

For example, we would do a jazz piece and try to be true to that form, then a funk tune or a Latin piece. However, when we created a digital meditation titled, "A Thousand Candles," as a tribute to the victims and the survivors of 9/11, and intentionally mixed our styles, we learned that combining diverse and indigenous musical



Gathering, from left to right: John Dumas, Rusty Gillette, Ron Kobayashi, Steve Dixon, Kate Peters '74, Baba Elefante and Richard Cook

instruments with traditional jazz, folk, rock and classical music structures produces interesting and heartfelt meditations, sounds and grooves. So, in that moment, we began our journey togeth-

er, our gathering.
Q: How many years has the ensemble been together and how have you

GATHERING, page 39

Heal the Ocean, Solutions for Saving Our Seas

Rod Fujita '78, received a Pew Fellowship in Marine Conservation in 2000 to explore emerging issues in marine conservation. During this period, the Pitzer biology major realized his research needed to reach a broader audience, which led to Fujita's new book, *Heal the Ocean*, issued by New Society Publishers in 2003.

"The time is right for revamping our national ocean policy; the U.S. Commission on Ocean Policy will issue the first evaluation of ocean policy in over 30 years, and the Pew Oceans Commission issued an influential report recently as well. As we get ready for the beach season, let's remember what's beneath the waves and our critical role in protecting the living ocean," Fujita writes.

Fujita, senior scientist at Environmental Defense in Oakland,



Rod Fujita '78

focuses on understanding and protecting the ocean. He plays an active part in Environmental Defense's multi-disciplinary Oceans Program team and leads efforts to create sustainable fisheries as well as protect marine biodiversity and ecosystem health in the United States. Fujita co-founded the Florida Keys Water Quality Joint Action Group; serves as a member on the Technical Advisory Committee for the Florida Keys National Marine Sanctuary; and con-

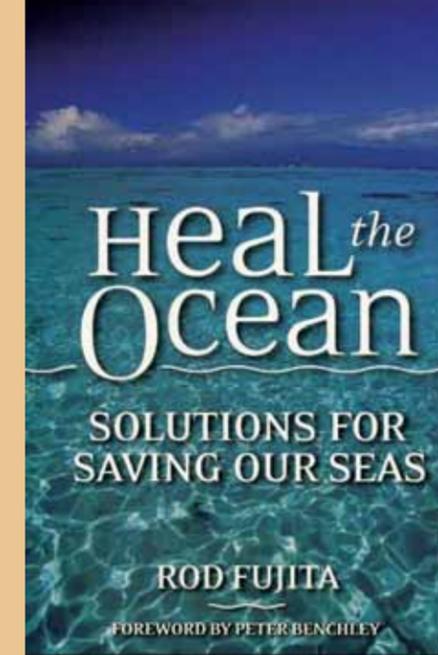
sults with the Science Advisory Board on bioremediation of oil spills for the U.S. Environmental Protection Agency as a part of this effort.

The publisher draws on several examples of environmental disasters to illustrate the importance of Fujita's book.

"An oil tanker breaks up off the coast of Spain, contaminating beaches and killing over 100,000 birds," New Society notes. "Colorful coral reefs turn a deathly white around the world. Six whales die in the Bahamas from bleeding near their ears after the Navy tests an active sonar system there. After so much bad news, people are thirsting for workable solutions to the oceans crisis. *Heal the Ocean* provides a refreshing change in the literature by emphasizing success stories in the struggle to save the seas."

"In *Heal the Ocean*, Rod Fujita offers a lively look at ocean habitats and creatures, with a harrowing description of the dangers posed by things such as pollution and overfishing," writes Peter Benchley, author of *Jaws*. "But unlike other books on the ocean, Fujita focuses on clever and workable solutions - and shows how the ranks of ocean activists can swell to create the political will needed for meaningful change."

Heal the Ocean is printed on acid-free



paper that is 100% old growth forest-free (100% post-consumer recycled), processed chlorine free and printed with vegetable-based, low-VOC inks. This is Fujita's first book.

ALUMNI IN THE NEWS

"Experiencing Ancient Culture in West Africa"

Inland Valley Daily Bulletin
March 18, 2004

In a place older than time, under a blanket full of stars, Kurt Beardsley '97, had a life-altering experience. He is one of only a handful of Americans who has lived the Festival of the Desert.

The Claremont resident spent three days in the crystal-like sands of the Sahara Desert in January. There, 50 miles north of Tombouctou, Africa, he was drenched in the ancient culture of the Tuareg, an African tribe seldom seen by westerners.

The festival, in its fourth year, brought more than 3,000 Tuaregs together to unite in song, dance and fellowship. They laid blankets before their tents to display their many talents that include crafting swords, daggers, jewelry, art work and leather goods. Beardsley estimated about 500 Europeans attended from various countries along with about six

Americans.

Beardsley is the production manager for Bridges Auditorium at the Claremont Colleges.

"Peter Harper's Artist Forum: An Online Contest Where Everybody Wins"

Claremont Courier
March 13, 2004

Peter Harper '96, won't lie about what it's like to be an artist. "It's an incredibly difficult career," he says. "I definitely don't recommend it to anyone unless they don't mind starving for a couple months sometimes."

This may not be news to anyone, especially not to fledgling artists struggling to get their work exposed. But Harper, a Claremont native, is making waves with a bold innovative idea in the art world: an online contest where everybody wins.

When Harper was establishing his own artistic career a few years ago, he created a Web site to showcase his art, but that got old fast. "So I came up with this concept of showing artists' work and allowing the people who came to the Web site to choose which artist they like the most," he said.

The result was the Artist Forum at

peterharperart.com, where everyone who visits the site can view works from four different artists each month and vote for their favorite. The winning artist is featured on the Artist of the Month page.

Harper is an "artsy" person himself, but he never planned on becoming a professional artist. As a political science major at Pitzer College, he worked on art projects on the side and during a year in Zimbabwe he received some formal training in sculpture.

Artists who want to submit their work to the Artist Forum should contact him at info@peterharperart.com.

"Business Buzz"

The Tribune
March 12, 2004

Jon-Erik Storm '99, recently joined the Employer Advocates Group in San Luis Obispo as an associate attorney. Storm is a 2003 graduate of Chicago-Kent College of Law and holds degrees from Pitzer College and Claremont Graduate University.

Employer Advocates Group is a law firm that advises and represents businesses in labor and employment matters with offices in San Luis Obispo and San Francisco.

» GATHERING from page 29

changed over the years?

We've been together for about three years, though we have all worked together on other projects besides *Gathering* for much longer than that. Over the last three years, we have shifted our focus from pure entertainment to "edutainment."

Q: What type of feedback did you receive from the Pitzer community?

Early in the day, we did a drum circle and let people play various percussion instruments. John is a lecturer on sound healing, so he engaged many people in discussions and demonstrations of that practice. At the concert, people seemed to really enjoy the unusual combinations of instruments, but they especially liked our "Diversity Jam." We can be who we are as musicians, as people, as nations and still make room for others who are different from us by choosing to hold open the possibility that a collection of diverse elements can be surprisingly interesting and, at times, quite wonderful, maybe even better than the separate parts, but the separate parts are also wonderful.

Q: How has diversity on campus changed since you attended?

Pitzer was certainly focused on diversity in the 70s, but it seemed to be more of a focus on personal diversity. That is, Pitzer created a haven for the individual. You didn't show up at Pitzer if you weren't unique and interesting and determined to be so. The beauty of being there was that you were accepted and even encouraged to be yourself, no matter how different from others, and you were encouraged not to conform. Now, there is much more of a focus on taking that acceptance of differences out into the world. In fact, diversity itself has become a hot topic in business as well as the arts and education. As far as diversity is concerned, Pitzer may no longer be outside of the mainstream!

However, it seems to me that diversity has also become a more complex issue. Now, we are not just recognizing the differences between Latinos, African Americans and Caucasians, we are also recognizing the subsets of those differences. For example, in my Team Cabaret workshops with young people, they often want to know about each other's ethnic differences, right down to the local level...are your parents Mexican or Colombian, and, if so, from what

province or neighborhood? The question is, now that we are aware of diversity, what will we do with it?

In our work together as *Gathering*, it has been important to be aware of our subtle prejudices in order to celebrate true diversity.

Q: Did your time at Pitzer influence or enhance your awareness of the significance of celebrating diversity?

I absolutely believe that my time at Pitzer gave me the confidence in myself to be a champion for my beliefs. I was raised by parents who valued individuality above many other character traits and who held strong beliefs in the equality of culture and ethnicity. This combination has certainly led me down a path where I have been open to diversity.

Q: What role can Pitzer students have in creating an awareness of diversity?

At Pitzer, diversity is a way of life. Most Pitzer students will probably take that with them very naturally into the rest of their lives. The world is in need of people who will stay awake and aware as we blend into more and more of a global community. The Pitzer community is one that can hold up the light, exposing the areas that need healing while leading the way.



Connie Milton '92

“ As a DNA analyst, the technology that I use can play the deciding factor between life and death. This is a responsibility I take seriously. I am honored to be a part of our criminal justice system and have had the opportunity to make a difference in people's lives. ”

IN MY OWN WORDS

From Joint Science to Forensic Science

A few weeks ago I was called into court to testify as an expert DNA witness in a murder trial. The victim in the case was a young girl, murdered in her own bedroom. My journey to that witness stand began several years ago when I left Montana and moved to Southern California to attend Pitzer College. My arrival in Claremont in the fall of 1988 opened a new world to me.

Growing up under the big sky and wide-open spaces of Montana was wonderful, but fairly lacking in cultural experience and ethnic diversity. My trip to East L.A. with Veronica Cueva to visit her family and many other experiences during that first semester helped to shape the person I was to become. My first trip into L.A., on the RTD bus no less, was an education in itself. Memories such as these and the education I received at Pitzer make me thankful for having chosen to spend those four years in Claremont.

Being a pre-med psychobiology major and taking most of my classes at the Keck Science Center, I only got to know a small number of the faculty. Those relationships will last a lifetime. Indeed, what I value most from my time in Claremont is the personal interactions with my professors. Lower-division science classes of 80 students (between three colleges) taught by Ph.D.s, not graduate students, is a concept foreign to those who attend large universities.

I appreciate the many chances I had to stop in and talk with these professors, whether it was about coursework, career plans or just life in general. I thank David Sadava, my pre-med advisor, who when told of my apprehension about going to medical school, suggested that I get a job in a lab for a

few years until I figured out what I wanted to do with my life. I credit him and Alan Jones for my ending up in San Diego and working at the Salk Institute. It was there that I was really able to appreciate the quality of education that I received in Claremont. My work at the Salk, first in neurosciences then in molecular genetics, ultimately led me to where I am now – working as a forensic scientist for the San Diego Sheriff's Department.

My job has provided me with many experiences and opportunities that I never imagined. From collecting evidence samples from dead bodies, to training law enforcement and medical personnel, to testifying in court on matters most people only read about in books or see on TV, I've found that I enjoy them all. The education I received in Claremont gave me the foundation in science, as well as the life experience required for this position. As a DNA analyst, the technology that I use can play the deciding factor between life and death. This is a responsibility I take seriously. I am honored to be a part of our criminal justice system and have had the opportunity to make a difference in people's lives.

My journey to that witness stand has been a very rewarding experience. On a visit to Claremont several years ago, I was asked by a former professor how a liberal Pitzer student ended up working in law enforcement. I wasn't quite sure then how to answer that question, but thinking about it now I'd have to say that it really isn't so odd. The primary focus of my job is to seek the truth and a commitment to justice, both of which are ideals I think well in keeping with the spirit of Pitzer College.



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