

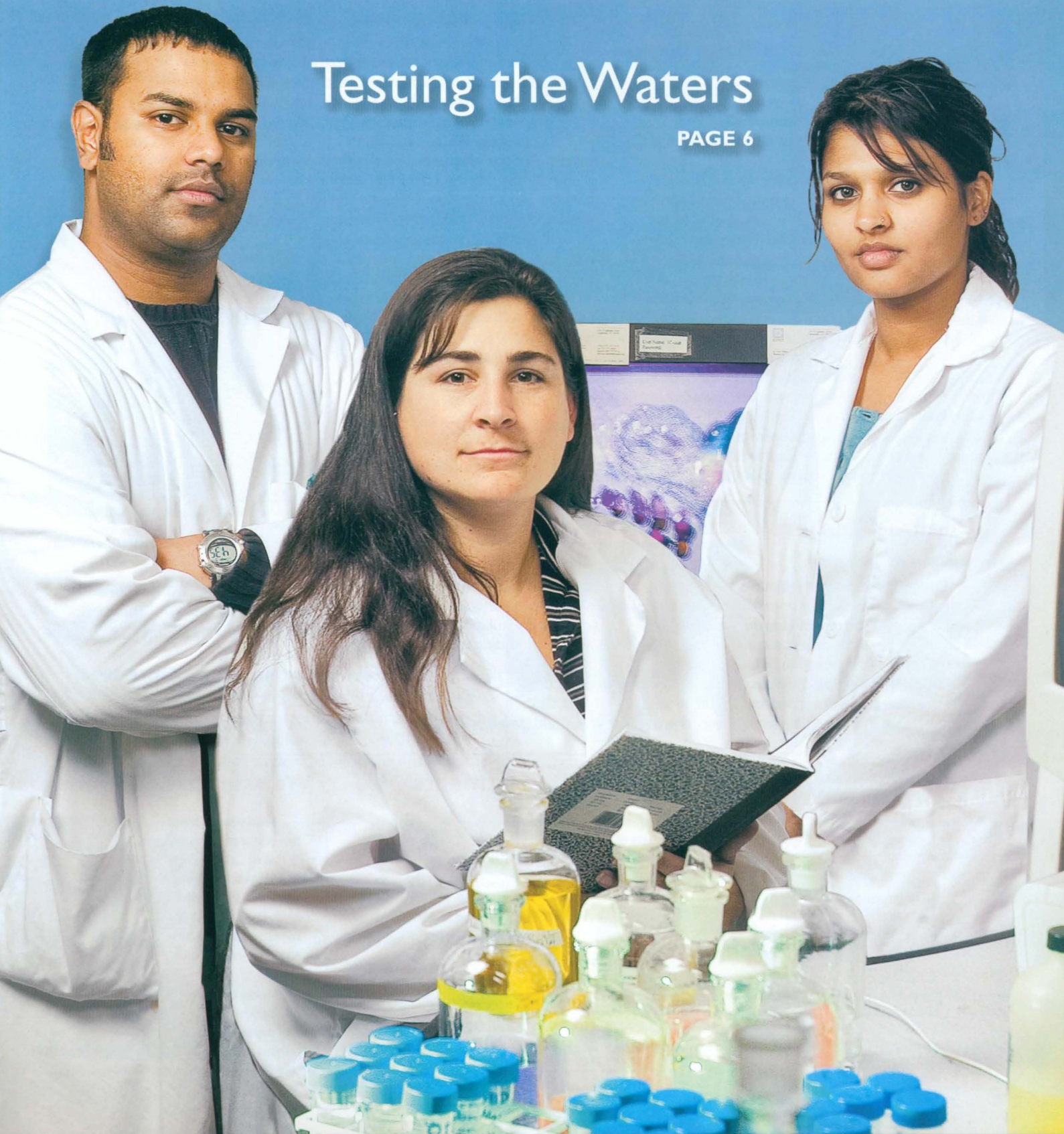
# Cal State **EASTBAY** Magazine

For Alumni and Friends of California State University, East Bay

Winter 2006

## Testing the Waters

PAGE 6







## A Message From the President

Dear Alumni, Friends, and Neighbors of Cal State East Bay,

Thank you for all your wonderful comments and suggestions regarding our inaugural edition of Cal State East Bay Magazine, which was well-received by readers when it was published in the fall.

Many of the messages I have received indicate that readers continue to enjoy seeing news about fellow alumni - which the magazine's predecessor, Haywire, also provided. However, they also like the expanded coverage of the accomplishments of our students, faculty and staff, now showcased in Cal State East Bay Magazine.

This edition features what may not be widely known in the community: the high-level academic research faculty and students are exploring in the collegial atmosphere of our classrooms and laboratories. Both graduate and undergraduate students get the invaluable experience of joining their professors in conducting innovative research projects of the highest caliber.

As you turn the pages of this magazine, you'll learn about the latest projects taking place on campus. The cover story highlights the work of a group of student researchers who are contributing to the stewardship of one of California's most precious resources - water. Faculty from the chemistry, geology, and computer science departments are leading an effort to learn more about the health of

San Francisco Bay and delta waters.

Another article highlights some of our anthropology students, who through their research are shedding light on the centuries of human migration, challenging previous assumptions about ethnic and racial differences. They were surprised, and no doubt you will be too, at what was discovered when they donated DNA for an exhibit at the university's C.E. Smith Museum of Anthropology.

I encourage you to read about a powerful new machine in our biochemistry lab that is changing the scope of scientific discovery and learning on campus for both our students and faculty. You'll find out how it is creating new research and learning opportunities.

In this issue, you'll also learn about the latest field expedition of geography professor Scott Stine, an international expert on global warming.

I hope you enjoy our new magazine as much I and that you'll continue to send your comments and suggestions.

Sincerely,

Norma Rees  
President

### Feedback Forum

#### Feathered Faux Pas

Congratulations on the inaugural issue of Cal State East Bay Magazine. I enjoyed the new look and the great articles. It is especially exciting to see how much growth is taking place at my old alma mater. One minor correction I'd like to point out in the article "Pioneer Pete Plays Again" is your mention that the kestrel is "a tiny hawk." In fact, the American Kestrel (*Falco sparverius*) is a small falcon, one of

four members of the falcon family that can be found in Alameda County. Like I said, it's a minor detail. Again, congratulations to you and your staff. I look forward to reading future issues.

Terry Colborn  
Davis, Calif.  
B.S., Child Development ('72)

Cal State  
**EASTBAY** Magazine

is published three times a year by the CSUEB Alumni Association and the CSUEB Office of University Advancement's Public Affairs Department.

Please send inquiries to  
Cal State East Bay Magazine  
25800 Carlos Bee Blvd., WA-908  
Hayward, CA 94542  
Or call 510 885-4295

To change name or mailing address, call 510 885-3724

**CSUEB President**  
Norma Rees

**University Advancement**  
Bob Burt  
Vice President

**Public Affairs**  
Kim Huggett  
Director

Barry Zepel  
Media Relations Officer

**Alumni Relations**  
Kate Shaheed  
Director

**Cal State East Bay Magazine**

**Editor**  
Donna Hemmilla

**Art Director**  
Matthew Matsuoka

**Assistant Graphic Design**  
Yamini Huilgol

**Editorial Intern**  
Sarah Aubert

**On the Cover**  
Student researchers keep an eye on the bay.  
See story pages 6-8.

**Cover design:**  
Matthew Matsuoka

**Photo:** Ben Ailes

### Features

#### Migration Trails

Anthropology students track DNA through time.

Page 4

#### Turning the Tide

Research dives into quality of coastal waters.

Page 6

#### Super-sized Science

Powerful imaging machine revs up chemistry labs.

Page 9

#### Droughts and Deluge

Wilderness holds secrets of destruction past and future.

Page 10



#### Banking on China

Beijing learns lessons in capitalism from professor.

Page 13

### Departments

<b>Grantlines</b>	Page 11
<b>Stepping Up</b>	Page 12
<b>Alumni Association</b>	Page 14
<b>Calendar</b>	Page 18
<b>The Last Word</b>	Page 19

### We want to hear from you!

Send your letter-to-the-editor of 250 words or less to Cal State East Bay Magazine Editor, WA-908, 25800 Carlos Bee Blvd., Hayward, CA 94542. Fax letters to: 510-885-4800 or e-mail [donna.hemmilla@csueastbay.edu](mailto:donna.hemmilla@csueastbay.edu).

Please include your name, year of graduation if you are an alumnus and address and daytime phone number. Letters will be printed at the discretion of the editor and may be edited for publication.





# Upfront

## Giving Gains

Private support for Cal State East Bay hit a record \$10.7 million during the last fiscal year, more than three times the amount raised the previous year. Along with corporations and foundations, nearly 2,000 individuals, including more than 1,300 alumni, made contributions. The largest gifts were for the Wayne and Gladys Valley Business and Technology Center, scheduled to be completed in 2006. The university is now focusing its fund-raising on scholarships, math and science education and research, facilities and technology and the Cal State East Bay Leadership Fund. For information call 510 885-3724 or visit: <http://www.csueastbay.edu/support>



## Home Improvements

The university has hired a consultant to explore building affordable faculty and staff housing on the Hayward and Concord campuses. A likely site for the first project is parking lot P at the Carlos Bee Boulevard entrance to the Hayward campus. The university is considering 94 townhouse-style units. Half would be set aside for rentals and half for sale. Housing on the Concord campus would be single-family residences. The goal is to offer below-market-rate housing as a way to recruit faculty and staff who are turned off by the Bay Area's high housing prices.

## High Marks for Student Teacher

A graduate student in the chemistry department has been selected from among California State University's 23 campuses for an outstanding biotechnology-teaching award.

Michael Rajan, who plans to become a medical doctor and researcher, received the Crellin Pauling Student Teaching Award at the annual CSU Program for Education and Research Biotechnology Symposium in San Jose in January. This is the first time a Cal State East Bay student has won the distinction.



## Successor Search

The search is on for a successor to Cal State East Bay President Norma Rees, who will retire in July after 16 years as the university's leader. The California State University Board of Trustees selection committee and a Cal State East Bay advisory committee are reviewing applications. They expect to begin interviewing in March and to bring the finalists to the university in May. The Board of Trustees is expected to select a new president at its May meeting.

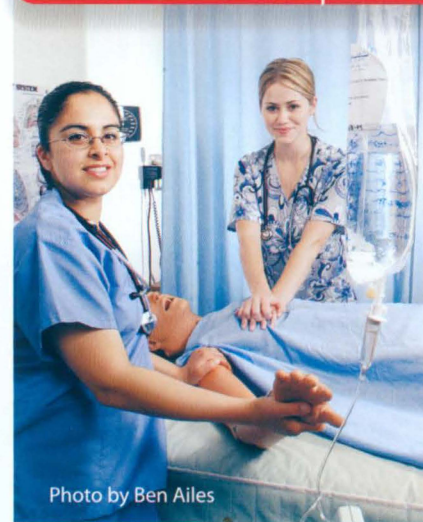


Photo by Ben Ailes

## Prescription for Success

A \$1.7 million grant from John Muir Health is allowing Cal State East Bay to create a bachelor's of nursing degree in Contra Costa County.

The grant, the largest ever made to the nursing department, will sponsor 60 students over the next five years in an accelerated program based on the Concord campus. Out of 650 nursing applicants in fall 2005, CSUEB would normally admit only 65. The grant boosted that number to 85.

California has the lowest ratio of nurses to population in the United States. According to the U.S. Department of Health and Human Services, for every 100,000 residents, California has 590 working nurses – far below the national average of 825.

"It's a good match," said nursing department chair Carolyn Fong of the partnership with John Muir Health. "We saw the need to expand, and it's a win-win for everybody involved."

The first 20 students admitted under the grant have been studying at the Hayward campus, but Fong expects to move the program to Concord in fall 2006.



# Tracking Genetic





# Trails

By Donna Hemmila

Students in professor George Miller's anthropology and museums class expect to get hands-on experience creating an exhibit. This year, for the first time, Cal State East Bay students became the exhibit.

Immigrants All! Our Migration Tales and Genetic Trails opened Feb. 24 in the university's C.E. Smith Museum of Anthropology. The exhibit demonstrates the migration patterns of humans in a centuries-long journey out of Africa across the continents.

When the students brainstormed the idea for the exhibit, Miller said, they wanted to show the diversity of the Cal State East Bay community and to challenge the perceptions people have about race and ethnicity.

To do that they turned to the hottest trend in anthropology – DNA analysis.

About 25 students in the class and another 45 faculty, staff, family and friends, gave DNA samples to trace their own roots back through thousands and thousands of years.

"Thirty percent of those tested came back with results that were unexpected," said Miller. "Some were quite surprising."

Using a company in Houston called Family Tree DNA, the students took their own DNA



Anthropology professor George Miller checks a display of DNA sequences students created.

samples using a simple kit to swab the inside of their cheeks. For \$99 per sample, the company performed a genetic genealogy test that traces the ancestral origins of the DNA donor.

Family Tree DNA compared the Cal State East Bay DNA to its databases and provided all participants with information about where their distant ancestors originated. The company is doing testing for a National Geographic-sponsored project similar to the one at Cal State East Bay.

"I think of myself as truly being a citizen of the world now," said Monica Aguilar-Barriga, one of the students in the exhibit. "I feel like I have this longer history than I had."

She was born in Mexico and had always thought her family came from Spain. Her test results revealed she is descended from a group originating in Southeast Asia 60,000 years ago that later migrated to the Americas through Polynesia and the Bering Strait.

"You think you know where you're from, but do you really know where you're from?" she asked.

Carmen Cuellar, a graduate student in anthropology and the exhibit coordinator, knew both of her parents' families came from Spain.

"My mom wanted us to be from royalty," Cuellar said, but the results from her DNA test proved more exciting than an aristocratic title.

Cuellar discovered her ancestors originated in the Middle East 7,000 years ago in the Fertile Crescent area that's now part of Syria. As that group migrated west it split off with some going to Central Europe and some to Portugal and Spain. Along the way they changed the course of human civilization by spreading the development

of agriculture.

Archeological evidence shows signs of early agriculture - animal bones and domesticated grains - following the same migration pattern as Cuellar's DNA markers.

"We don't know if they developed agriculture, but they basically took it on the road," she said. Both sides of her family in Spain still farm in their villages and live off the land.

Twenty of the students who supplied DNA tell stories like this in a video display that is part of the exhibit. When visitors enter the museum, they will find a large map of Africa painted on the floor with footsteps leading on one side to a room featuring Europe and on the other Asia and the Americas.

Since local elementary schools will bring their classes to campus to see the exhibit, the anthropology students have also created a comic book that explains the science behind the project. But anyone who sees the exhibit will come away with more than a science lesson.

"It's an amazing thing to get a different perspective on modern day ethnicity and how the U.S. views immigrants," said Miller. "We're all immigrants really."

## How it works

Female students in the Cal State East Bay test group traced their maternal line with analysis of mitochondrial DNA. This type of DNA lives outside the cell nucleus and is passed down only through females.

Male students in the class tested their paternal lineage with analysis of their Y chromosome DNA. Some of the men chose to test their Y chromosome and mitochondrial DNA, or mtDNA, to gain knowledge of both sides of their ancestry.

When a man and woman reproduce, their DNA combines, creating a unique individual. Mitochondrial DNA and the Y-DNA do not recombine when a man and woman reproduce. That means that genetic material changes little over time.

When changes or mutations do occur, they create a genetic marker that can be traced back through time to a single common ancestor. Evidence of the marker in different geographic locations allows researchers to follow the global movement of people through time.

Michael Elliot, Carmen Cuellar (center) and Lori Wright put the finishing touches on a museum exhibit.

## Immigrants All!

### Our Migration Tales and Genetic Trails

#### C.E. Smith Museum of Anthropology

Meiklejohn Hall, Room 4047

February through June

Opening Reception: Feb. 24, 4 p.m. to 7 p.m.

Museum Hours: Monday through Friday

10 a.m. to 4 p.m.

For information call 510 885-3104







# Testing the Waters

By Donna Hemmila

*"Went smoothly. Minimal plant growth. Windy weather and slightly overcast. High tide, strong current. Michael collected hair samples."  
CICORE field notes: Jan. 13, 2006*

All around it was a pretty good day at the Dumbarton Pier. Not that a bad day would have mattered.

With the January wind turning hairdos into fright wigs and the white, winter sun dodging behind the clouds, three students from Cal State East Bay's chemistry department huddled inside the wooden shack at the end of the old fishing pier.

There they began a ritual they've been performing every two to three weeks since July.

With a hand crank, one winds a cable that draws a three-foot-long metal apparatus up out of the murky bay water where it lives, weighted down by an attached cement block.

Inside the armature is a cylindrical monitoring instrument called a sonde. The students draw the device up through a hole in the floor of the wooden shack. As usual it is covered in slime and sea debris, which must be cleaned before they can haul the instrument back to the campus lab. Next they fill test tubes with water samples. Those also will be analyzed in the lab.

It is late on a Friday afternoon when college students

typically are kicking back for the weekend. But these students are on a mission. The sonde must be serviced. The data must be collected.

Sun or storms, heat or whip-lashing icy winds, they make the trek to the pier, and a second monitoring spot at the San Leandro Marina, to check the instrument and retrieve the vital signs it captures: turbidity, temperature, tide levels, salinity, dissolved oxygen, pH and chlorophyll. Those are the properties the researchers are monitoring and each holds clues to the well-being of San Francisco Bay, the food chain it supports and, ultimately, the people who live along its shores.

"This is an effort to collect data and standardize the ways of reporting it," said chemistry professor Joy Andrews. "It's leading up to a better understanding of the health of the bay and delta and what we can do about it."

Cal State East Bay is one of eight California State Universities taking part in this environmental initiative. The project began in 2002 when the National Oceanographic and Atmospheric Administra-

tion, part of the U.S. Department of Commerce, established a nationwide program to study coastal environments. Under the direction of the CSU's Center for Integrative Coastal Observation, Research and Education, monitoring stations like Cal State East Bay's dot the entire 1,200-mile California coastline. Each studies some aspect of the coastal environment including shoreline erosion, non-native species invasion and chemical contamination, particularly from mercury - a main focus of Cal State East Bay's monitoring.

So far, Andrews said, the mercury levels are higher than she expected them to be. Much of the mercury that pollutes the San Francisco Bay and adjacent San Joaquin River Delta are the legacy of California's gold rush days.

Miners extracted mercury, also called quicksilver, from natural deposits of cinnabar to use in the gold and silver mining process.

## At a Glance

**CICORE:** Center for Integrative Coastal Observation, Research and Education

**Faculty:** Joy Andrews, chemistry, Mitchell Craig, geology, David Yang, computer science.

**Monitoring Stations:** Dumbarton Pier, San Leandro Marina

**Funding:** National Oceanographic and Atmospheric Administration

**Grant amount:** \$356,000

**Partners:** CSU Long Beach; CSU Monterey Bay; California Polytechnic Institute, San Luis Obispo; Humboldt State University; San Jose State University and Moss Landing Marine Laboratories; San Diego State University; San Francisco State University and Romberg Tiburon Center; Florida Environmental Research Institute; and Old Dominion University in Norfolk, Va.



Photo by Ben Ailes

Zahira Kahn cleans debris from the sonde after hauling it out of the bay.

Students gather with faculty at the end of the Dumbarton Pier: (front left to right) professor Joy Andrews, Zahira Khan, Elaine Smith, (back row) professor Mitchell Craig, Brandy Barnett and Michael Rajan.



Andrews attributes the high levels of mercury the data collection shows to the South Bay's defunct New Almaden Mine. Once the largest producer of mercury in North America, the mine operated from 1845 to 1975, producing first for the gold miners and then for munitions manufacturers.

Although the mine is closed, the mercury tailings

Mike Marble, his brother Chris and Chris' son, Shawn, are casting lines off the end of the pier hoping to catch another shark to barbecue or maybe a sturgeon or a few stripers.

Michael Rajan, a graduate student who works in Andrew's lab, has the men fill out survey forms and then snips a generous sample of hair from each of their scalps. A lab analysis of the hair samples will show how much

the bigger fish humans eat.

"The levels of mercury in sport fish has been well-documented," Andrews said. "But we're looking at the tiny fish they eat."

Another team of student researchers has been going out with people from the estuary institute to collect specimens using seine nets cast from the beaches.

mean fewer trips to the pier and marina for the students and professors.

David Yang, a professor in computer science and the third project collaborator, is designing a Web-based repository for the data collection to make Cal State East Bay's information available to other researchers.

While the research has deep implications for health and environmental policy-making, the project has also created valuable opportunities for students.

"I just love it," said Brandy Barnett, a senior chemistry major who will enter a CSUEB master's program in the spring. "It's so fascinating. You take chemistry from the field samples to the lab results, so it shows the full spectrum of chemistry."

A transfer student from Ohlone College, Barnett said she had no idea she'd have the possibility of doing actual field research at Cal State East Bay.

Both graduate and undergraduate students have had the chance to train on the monitoring instruments, learn how to calibrate them, clean them and download the data to a computer. They've also published scientific papers with their professors and attended conferences where they presented their research.

Andrews, who earned her master's in chemistry from Cal State East Bay before earning a doctorate at UC Berkeley, said those experiences give students exposure to the professional scientific world. And it helps them gain admission to graduate programs and research organizations.

Most, like Andrews herself, have a passion for the environment as well as for the science. That is what has motivated her own research, and it's something she imparts to her students.

"I wanted to do some chemistry that made a difference in our health and quality of life," said Andrews. "And then there's always the hope you can make a difference in the future."

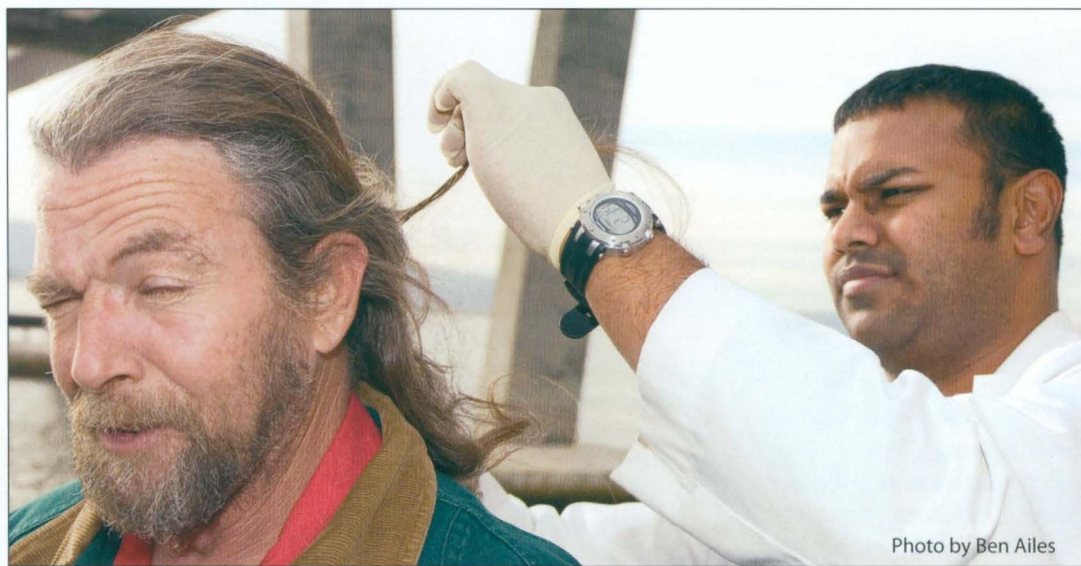


Photo by Ben Ailes

Grad student Michael Rajan clips a hair sample from Newark fisherman Chris Marble to test for mercury content.

still find their way into the water. There they begin a deadly dangerous journey through the food chain. Bacteria in the bay's sediment changes mercury to methylmercury. In this toxic form, mercury biomagnifies, or increases in concentration, as it moves up the food chain from plankton to small plant-eating fish to the larger fish-eating fish to humans. The more researchers can learn about the mercury contamination, the more they can come up with ways for people to minimize their exposures and harmful effects.

Andrews' teams of student researchers have recently expanded the monitoring project to include mercury testing of fishermen who eat what they catch off the pier.

On the Friday in January while retrieving the sonde, the students get lucky and find their first three willing human subjects.

mercury the men have absorbed from the fish they've consumed. Unlike folks who buy their fish in a market, these subjects know exactly the origins of the fish they eat.

Mike Marble has been fishing off the Dumbarton Pier since before there was a Dumbarton Bridge stretching alongside it. Vibrating with commute traffic rushing from the East Bay to Silicon Valley, the bridge, Marble said, has scared off most of the fish. Twenty years ago the catches were more plentiful.

What is bad luck for fishing may be a blessing for Marble's health. High concentrations of methylmercury in humans can lead to brain and liver damage and in pregnant women damage to a fetus.

Another leg of the project includes a collaboration with the San Francisco Estuary Institute to analyze the mercury content in the small fish that form the diet of

"Being involved in active research is the best way to learn," said geology professor Craig. "It's a unique opportunity to do real-time monitoring and to collect our own data."

Craig pushed for Cal State East Bay to join the CSU collaboration and saw it as an opportunity to gain funding for the sophisticated monitoring equipment the students are learning to use.

"Much of the work that I have done in conjunction with the CICORE project is directly related to courses that I teach, and has provided a variety of material for my lectures and lab exercises," Craig said.

This year Craig will upgrade the monitoring stations with wireless technology that will make it possible to monitor the instruments and retrieve their data from a computer in a university lab. That will



# New Machine Boosts Science Learning

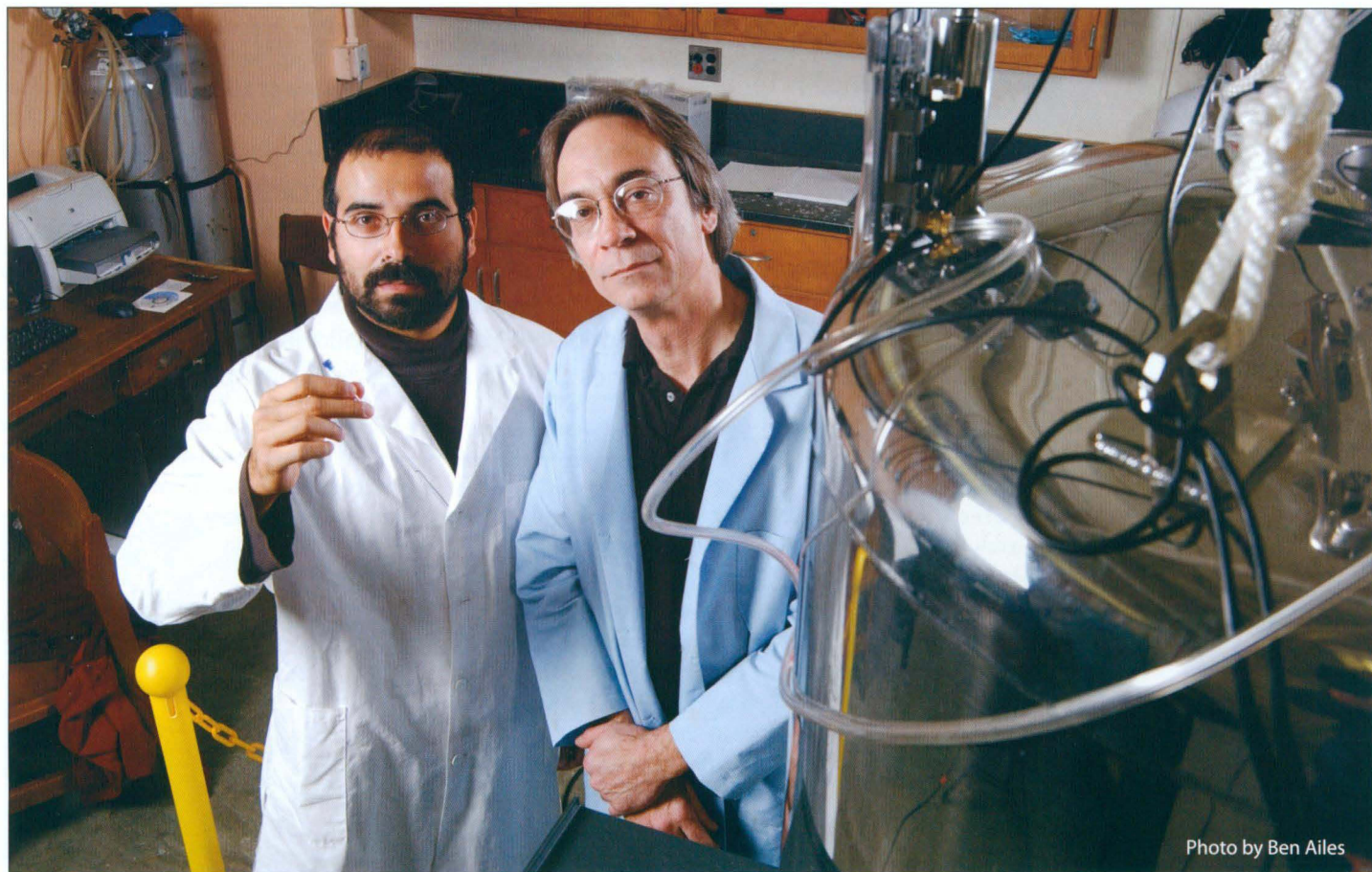


Photo by Ben Ailes

Master's thesis candidate Jorge Rocha (left) and professor Michael Groziak get ready to place a chemical sample into the NMR spectrometer.

Graduate student Jorge Rocha has been working two years to develop a compound that would boost the effectiveness of anti-cancer drugs.

Lucky for Rocha, a powerful new instrument arrived in the Cal State East Bay chemistry department just in time to alert him to a problem with his master's thesis. The compound had a contaminant, and it was blocking the next steps in his research.

"The NMR allowed us to find out that there was a contaminant," said Rocha, who wants to become a doctor and medical researcher. "We didn't know it was there. It wasn't reactive to ultraviolet light."

The nuclear magnetic resonance spectrometer allows researchers to analyze the structures of new chemical substances they are synthesizing or isolating from natural products. Before faculty researchers can publish their findings, they must prove they have created something new, said chemistry professor Michael Groziak.

"This is how we prove our work," he said. "Without this we couldn't publish."

The NMR is one of few such instruments at a California State University.

"San Jose State has one, but ours is more powerful," said Groziak, beaming like a man with a new Jaguar.

For five years, Cal State East Bay tried to get a grant to replace a 30-year-old NMR Groziak describes as a museum piece. In 2004, he and professors Anne Kotchevar, Chul-Hyum Kim and Richard Luibrand received a joint grant from the National Science Foundation for \$426,574 to buy a 400MHz spectrometer. An additional \$50,000 from one of Kim's grants and \$100,000 from the College of Science allowed the Department of Chemistry and Biochemistry to buy a more expensive 500MHz model. It took another \$85,000 from the college to outfit the room in the South Science Building that houses the equipment.

The spectrometer operates in a similar way to the magnetic resonance imaging, or MRI, machines used in hospitals to scan patients for signs of diseases. The NMR machine scans chemical samples and produces a line or graph image that shows up on a computer monitor. At the core of the instrument is a superconducting magnet encased in layers of liquid gas and vacuum chambers.

In addition to boosting research capabilities at Cal State East Bay, the NMR is training students to work in the pharmaceutical field. Large sections of lab courses in chemistry and biochemistry also can use the instrument. A robotic arm attached to the NMR allows professors to load a tray with up to 50 test tubes, turn the machine on for the night, and come back the next morning with all the samples analyzed.

The university also will allow faculty and students from local community colleges to use the machine.



# The Brain Trust



**Scott Stine** has a knack for connecting science with public policy, both in the field and the classroom. A professor of geography and environmental studies, Stine is a recognized authority on climate change and global warming.

Environmental groups and government agencies alike have tapped him as a consultant and expert witness,

and his research helped save Mono Lake in the 1980s.

In 2005 Stine won Cal State East Bay's highest academic honor, the George and Miriam Phillips Outstanding Professor Award. A prolific academic researcher, writer and elected fellow of the California Academy of Sciences, Stine makes annual wilderness pilgrimages studying drought in the Western Hemisphere.

## Heading for a Dry Spell

**You've recently returned from six months of field research. Where did you go and what were you looking for?**

I was exploring the crooks and crannies of the Intermontane West, looking for evidence of recent fluctuations in climate - that is, fluctuations that have occurred in the past 8,000 to 10,000 years. I ranged from the Rockies to the Sierra, covering a lot of ground on foot and by canoe. I was also able to scuba dive a number of lakes looking for submerged evidence.

**What kind of evidence?**

It varies. For example, often I find ancient tree stumps rooted on the floors of present-day lakes and rivers. These trees grew at times in the past when droughts forced water bodies to drop far below their modern levels. When wet conditions returned, the water levels rose, killed the trees, and preserved the stumps. When we find these rooted relics, we can radiocarbon date them and count the tree rings. This tells us when the droughts occurred and how long they lasted.

**Was your quest successful?**

Yes, very, though not all of my samples have been processed, and so the whole story is not yet in. But I am excited by my findings, and they mark a clear path for the 2006 field season.

**How do your latest findings tie into your previous research into climate change?**

My new findings are consistent with my prior ones in showing that western North America has in the past experienced droughts far more severe than anything we've seen in the past 150 years. These past droughts were, by modern standards, truly epic. They hit some prehistoric

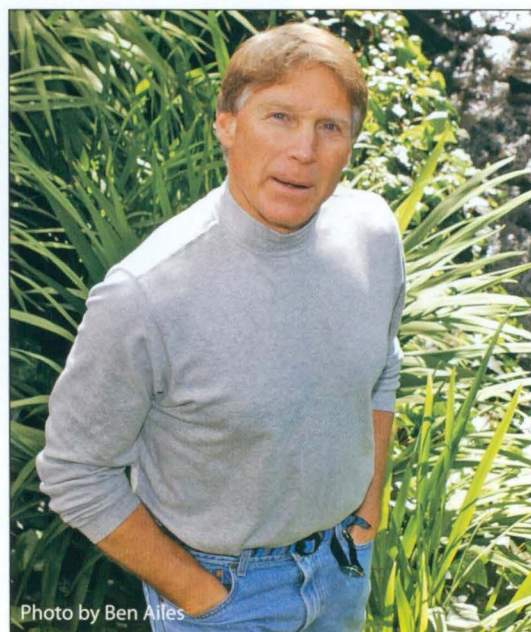


Photo by Ben Ailes

cultures hard and in places may have diminished the human population significantly. Archeologists and anthropologists are debating this right now.

**What caused these epic droughts?**

The ultimate cause is not known. What is known, at least in the case of the California droughts, is that they occurred during times when temperatures over much of the globe were rising and high. But this represents correspondence, not causality, and so we can't conclude with certainty that global warming causes drought in the western United States.

**Is California headed for another epic drought?**

Yes. But we can't say when it will occur. What we can say is that the past 150 years have been



abnormally wet. In fact, it seems to be the fourth wettest period in the last 6,000 to 8,000 years. During these 150 years of abnormal wetness, Californians have built the most colossal urban and agricultural infrastructure on Earth - all of it utterly dependent on vast quantities of water, and all of it based on the presumption that such vast quantities will remain available. But clear evidence tells us otherwise. We are subject to profound droughts.

Drought is coming, just as surely as catastrophic earthquakes are coming. Will people die of thirst? No. Will it change our way of life? Absolutely. Will it be environmentally destructive? Hugely so. Realize that when severe droughts hit in the past they impacted a primeval landscape. A severe and persistent drought today would impact a landscape already heavily stressed by modern human activity.

Today many species - particularly

**"We have become  
stuff junkies, gear  
weenies and  
gizmo geeks."**

aquatic and amphibious ones - are already hanging by a thread. What would happen to these species if California's precipitation were to diminish by a half or two-thirds? I shudder to think.

#### **Is there any way to prevent it?**

There is no way to prevent future drought. But we can prepare for it by scaling back and living below the carrying capacity that modern wetness allows. The prudent course would be to conserve during these best of times, in preparation for the worst of times. But prudence is not our strong suit.

#### **Do our policymakers tend to listen very much to scientists?**

It depends on which policymakers we're talking about. The president and his advisors seem deaf to scientific findings that might suggest a need for stricter regulation of a favored industry, or that contradict their strongly held religious views. The president's opponents in the last two elections - Gore and Kerry - were far better about using science in an intellectually honest way to inform policy.

This is not to impugn the entire Republican Party. In fact, there are many Republican policymakers who are every bit as deferential to science as Gore and Kerry. In the United States Senate, for example, several New England Republicans - Susan Collins, Olympia Snowe, and Lincoln Chafee - have great integrity on matters of science and public policy. And no one in the Senate is more concerned with or more informed about global warming than Republican John McCain of Arizona.

#### **How about your students? How do you bring these issues into the classroom?**

As engagingly as I can. Most students are very receptive to these issues, and classroom participation is high. They care about these things, and they want to debate them. And with the wide ethnic diversity of students that we have here at Cal State East Bay, the discussions often take on international dimensions. What better forum for discussing environmental issues that are inherently global?

#### **If you could change anything about the way Americans interact with their environment, what would it be?**

All humans interact with the environment every second of every day. Every time we spend a dime in a store, for example, we are interacting with the environment by consuming Earth's resources. Ideally people would, by choice, consume far fewer nonessential goods. Today we live in what I call a "tyranny of trinketry," in which we are led to believe that personal betterment and acceptance by others requires owning the right goods. We have become stuff junkies, gear weenies and gizmo geeks. Not feeling good about yourself today? Why, go to the store for a goodie fix! All of this, of course, is hugely degrading, both to the self and to the environment.

Can we wean ourselves from our imprudent and destructive ways? Sure. It's a matter of getting people to discover for themselves that lifestyle choices go far beyond what they see on television. Life doesn't have to be a commercial wasteland. As the new adage goes, the best things in life aren't things.

## **Grantlines**



### **Prof Explores Drug Uses**

Biology professor **Stephen Benson** has discovered a possible new use for the blood pressure medication telmisartan. The drug, produced by the German firm Boehringer Ingelheim Pharmaceuticals, is used to treat hypertension by blocking the cellular receptor for angiotensin, which causes blood vessels to contract. Angiotensin is often elevated in individuals with hypertension. Blocking the angiotensin receptor can reduce blood pressure. Benson has demonstrated that telmisartan can activate another cellular receptor that has been linked to improving type 2 diabetes and associated cardiovascular problems. The drug manufacturer has given him a \$74,724 grant to further explore this new application for telmisartan.

### **Future Social Workers Funded**

**Terry Jones** and **Dianne Rush-Woods** of the Department of Social Work snagged a \$395,938 federal grant administered through the California Department of Mental Health. The money will provide stipends of \$18,500 per year for students who pledge to work in the public mental health field when they graduate. Jones founded the social work department to address the shortage of licensed social workers in California. Recipients of the mental health education stipends typically find jobs in county social service and juvenile probation agencies.

### **Project Connects Employers**

The Zellerbach Family Foundation contributed \$48,000 to **Melany Spielman** of the Department of Leadership in Hospitality and Leisure Services for the Mental Health Workforce Education Exchange. The database connects professors, students and advisors with mental health employers. This is the sixth year the foundation has contributed to the project, bringing the grant total to \$263,000.

### **Teachers Tapped for Summer School**

Mastering of the Art of Teaching Science is a new Cal State East Bay project to improve science education for fourth and fifth graders in the Hayward Unified School District. On the 2005 California Standardized Testing and Reporting science exam, 43 percent of the district's fifth graders scored below the basic level. A grant of \$25,000 from the Karen and Christopher Payne Family Foundation will kick off the project with a 10-day summer institute for master science teachers. Teacher education professor **David Nickles** will direct the project with assistance from education and science faculty.



# Stepping Up: Ruth Lira

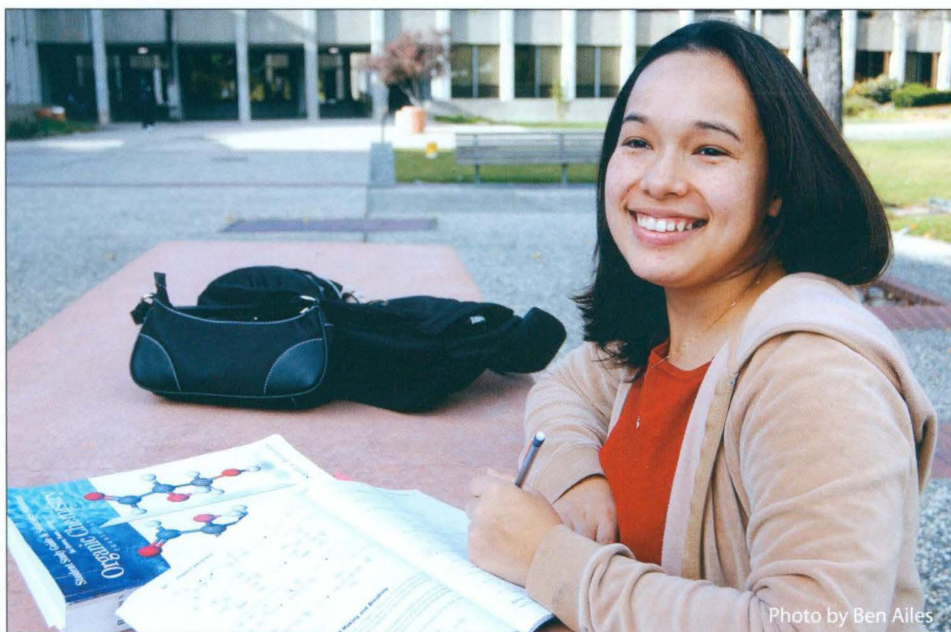


Photo by Ben Ailes

**W**hen Ruth Lira teaches college skills workshops at the Santa Clara County Children's Shelter, her lessons come from the heart. Lira, a 21-year-old senior at Cal State East Bay, once lived in the shelter. It's the place police took her the night she left her father's house at age 16 to enter the foster care system. Those years in the system showed Lira the importance of having people believe in her. She wants to make sure other foster youths get the kind of support she's had.

"I try to give back to the community and to help others like people have helped me," she said.

For Lira, going to college was never an option she considered. Her goal was to get a job to support herself. Fortunately she was placed in a foster family with different ideas.

"I had good foster parents who pushed me to go to college," she said. "They wouldn't take no for an answer. They said 'you're going. So pick a place.'"

A biology major who wants to become a doctor, Lira is one of 146 former foster youths and wards of the state attending undergraduate courses at Cal State East Bay.

For those students, the odds of getting a college education are pretty slim. About 50 percent of foster youths graduate from high school and only 20 percent of those enroll in colleges, according to a report published in December by the Institute for Higher Education Policy in Washington,

D.C. Studies show the likelihood of those students earning a degree ranges from less than 1 percent to 5.4 percent.

Those are the discouraging statistics Lira battles against in her own life and in her advocacy work. Lira serves on the Youth

**"I had good foster parents who pushed me to go to college. They wouldn't take no for an answer. They said 'you're going. So pick a place.'"**

Education Scholarship Advisory Board and the advisory board of Cal State East Bay's newly created Renaissance Scholars Program. Both organizations work to help former foster youth enroll in college and to support them once they get there.

Adjusting to college life isn't easy. For foster youths who have often been physically and mentally abused and neglected, the challenges can be overwhelming.

"When I was younger, I used to think 'why me?'" Lira said. "Now I don't think that."

Her mother died when Lira was a baby and her father remarried. Lira grew up thinking her stepmother was her birth mom. She didn't find out the truth until she was in 6th grade and her stepmother moved out, taking her two children and leaving Lira behind.

"I didn't know she was my stepmom," Lira said. "When she left my father, I was thinking 'why isn't she taking me?'"

In the ensuing years, Lira said, her father abused her physically and mentally. When she was 16, Lira asked authorities to remove her from her father's home.

She first came to Cal State East Bay for the Summer Bridge Program, which helps disadvantaged, first-time freshmen adjust to academic life. She lived in the former Carlos Bee Hall dorms that summer and in the fall moved into student housing at Pioneer Heights.

Foster youths automatically "age out of the system" when they turn 18. That means the state no longer supports them. Lira keeps in touch with her foster family, but she's never asked them for money. She's relied on scholarships and financial aid to pay for school and living expenses. And when she runs out of money, she lives off credit cards.

"People would go out and spend money on clothing and shoes and jewelry," she said. "I had to budget my money for food. I didn't have a car, so I didn't go anywhere."

At first she was excited to be on her own, but as she approached 20 Lira said the reality of being completely self-sufficient finally struck.

"It's very scary," she said. "It finally hit me - it was all up to me. Just before turning 20, I had the worst breakdown in my life. Some foster youth face it earlier. I wasn't sure I wanted to stay in school. I was depressed. I cried about every little thing."

Lira came out of her slump even more determined to get good grades, get into medical school and get more support for former foster youths like herself.

Through the Renaissance Scholars Program, the university's Educational Opportunity Program is raising donations for scholarships, housing and an emergency fund. Lira would like to see additional psychological counseling and tutoring services and, for those who have children, family campus housing.

For a group of students with no one to turn to but themselves, these basic services are critical, Lira said, to increasing that small percentage of university-educated foster youth.

**Renaissance  
Scholars Program**

To make a gift or for more  
information call 510 885-3724.



**"There will be a huge opportunity for California companies to market their services to the Chinese."**



Photo by Ben Ailes

## Banking on China

As China grows into its membership in the World Trade organization, Nancy Mangold is giving its banking executives some vital lessons in western finance.

The Cal State East Bay accounting professor has been quietly training Chinese bankers and government administrators through the university's China America Business and Education Center. In April, Mangold, who is the center's director, will host CEOs and other top-level executives from China's commercial city banks for a crash course on the U.S. banking industry.

The five-day program will include sessions on venture capital, commercial and residential lending, consumer credit risk-management and banking technology systems with visits to Bay Area banks and financial service high-tech firms.

"I believe greater business cooperation relationships will be beneficial on both sides," said Mangold, who serves as a matchmaker between Chinese and California bankers at a time when China's financial services industry is about to open up to western companies.

In 2001 China, with a current population of 1.3 billion, joined the World Trade

Organization. With a membership of 149 countries, the WTO establishes and administers global trade policy. As a condition of membership, Chinese leaders agreed to a series of trade and tariff reforms. Those included allowing foreign financial institutions to provide services to all Chinese citizens within five years of WTO membership. That deadline hits in December.

At stake for California are China's burgeoning consumer market and a middle class ripe for financial services such as credit cards.

"There will be a huge opportunity for California companies to market their services to the Chinese," said Mangold, who was born in China and raised in Taiwan.

When California Gov. Arnold Schwarzenegger took a trade mission to China in November 2005, Mangold accompanied him and organized a banking roundtable.

"Chinese banks are limited in their business," she said. "They take in deposits and make loans."

But their bankers are eager to learn about U.S. financial products.

Mangold, who has taught at Cal State East Bay since 1984, is an expert on China's banking system and has been conducting management training programs for Chinese

executives since 1993. For two years, she directed Cal State East Bay's executive MBA program in Beijing.

In 2001 the World Bank appointed her as a consultant to the People's Bank of China. She designed an auditing system for its deposit insurance program.

In 2005, the World Bank named her an expert on accounting for derivatives and hedging for the Ministry of Finance in China. That same year she became the first U.S. professor appointed to a professorship at the ministry's Research Institute for Fiscal Science.

In addition to organizing the April training course for Chinese bankers, she is working with the Asia Pacific CEO Association in China on a San Francisco summit to foster greater cooperation between Chinese and Bay Area companies. Both sides are eager to tap into Mangold's expertise, and that, she said, is a good thing for the university, its students and the state's economic future.

"I think Cal State East Bay is helping the California business community," said Mangold. "We're contributing to the economic development of California down the line."





CHARLES FISHER

## A Message From the Alumni Association President

It takes but a quick glance at the nation's best schools and universities to see that alumni involvement makes an impact on student success. Alumni bring relationships, ideas and a wealth of resources that encourage students, point them in new and exciting directions and positively influence the quality of the university's learning environment.

At the Cal State East Bay Alumni Association, we find this very exciting. In fact, one of our top priorities for 2006 is creating new opportunities for alumni involvement in university life. We are impressed with the caliber of our alumni and believe that you have great things to offer our current and future generations of students. As mentors,

department advisors, donors and volunteers, alumni can make a significant difference in the Cal State East Bay experience.

This spring we are including alumni in the top operational goal of the university – increasing enrollment. Interested alumni are invited to share their university experiences with prospective students and their families. We expect that talking with alumni will help students make a personal connection with the university and determine how to best achieve their goals at CSUEB. This is but one example of how to support your alma mater and the students who are following in your footsteps.

Involving yourself in the growth of your alma mater has its benefits for you as well. As

one of my fellow board members puts it, "My support of the university, whether I'm volunteering at a campus event or advocating for the CSU, helps make this place a stronger institution for the students who are the future of my community."

Alumni, your alma mater has something to offer that will make your life richer and more rewarding. There is much ahead on the horizon, and we want you to be involved. Please give us a call or e-mail to let us know your thoughts and find out how you can make a personal impact at Cal State East Bay.

"Keep the Link."

Charles M. Fisher, President

### Ways to Engage in University Life

Subscribe to the alumni e-newsletter so we can inform you about upcoming events and new benefits. For information, e-mail [alumni@csueastbay.edu](mailto:alumni@csueastbay.edu).

Comment on the university's draft 5-year goals online at [www.csuebalumni.org](http://www.csuebalumni.org).

Talk to the pre-college age children in your life about Cal State East Bay.

Set your homepage to [www.eastbayview.com](http://www.eastbayview.com) for a fresh, entertaining look at campus life.

Mentor Cal State East Bay students.

Give a gift to the university.

## Important Privacy Choice

### Restrict Information Sharing with Affinity Partners

You have the right to control whether the Cal State East Bay Alumni Association shares your name, address, and your electronic mail address with its "affinity partners." Affinity partners are the companies that the Alumni Association partners with to offer products or services to Cal State East Bay alumni. Please read the following information carefully before you make your choice below:

### Background

The Cal State East Bay Alumni Association works with select companies – known as "affinity partners" – to offer useful and cost-saving products and services to alumni. Some of these services include discounted medical and property insurance, low-rate credit cards, and student loan consolidation. The Alumni Association provides alumni names and addresses to its affinity partners so they can offer these products to you. These affinity programs are a critical source of revenue for the Alumni Association. With this income, the Alumni Association supports student events and scholarships; alumni programs and publications, including the Cal State East Bay Magazine; and university activities.

### Your Rights

You have the right to restrict the sharing of your name, address, and electronic mail address with our affinity partners. This form does not prohibit the university from sharing your information when it is required to do so by law.

### Your Choice

Unless you say "NO," the Alumni Association may share your name, address, or electronic mail address with our affinity partners. These companies may send you offers to purchase various products or services that we have agreed they may offer in partnership with us.

Please indicate if you DO NOT want to share the following information

### Time Sensitive Reply

You may decide at any time that you do not want us to share your information with our affinity partners. If you have made that choice here, it will remain valid unless you state otherwise. If we do not hear from you, we may share your name, address, or electronic mail address with our affinity partners.

If you decide that you do not want to receive information from affinity partners, you may notify us in one of the following ways:

1. Complete an online form at <http://www.csuebalumni.org/privacy>
2. Call this toll-free telephone number: 888-288-8164
3. Complete and sign this form. Fax to (510) 885-2515 or mail to:  
Cal State East Bay Alumni Association,  
25800 Carlos Bee Blvd., WA908, Hayward, CA 94542

Please print clearly and complete this information below to ensure accurate processing of your request.

☐ NO, please do not share my name, address, and electronic mail address with your affinity partners. (CSUEB does not currently provide e-mail addresses to affinity partners.)

First Name: \_\_\_\_\_

Last Name: \_\_\_\_\_ Maiden (if applicable): \_\_\_\_\_

Address: \_\_\_\_\_

Current E-mail Address: \_\_\_\_\_

Daytime Telephone: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_



# West African Alum Works for Global Solidarity

**Name:**  
Thomas Abaruk  
Awiapo

**Year Graduated:**  
2004

**Major:**  
Master's Public  
Administration



**Profession:** Development worker

**Employer:** Catholic Relief Services

**Email:** awiapo@yahoo.com

**Most important lesson learned at CSUEB:** Respect for cultural diversity; Need for critical self-reflexivity in my life, work and relationships.

**Favorite class:** Capstone/Synthesis taught by Jay Umeh

**Best career move:** Promoted from program officer to senior program officer for Good Governance and Advocacy, Global Solidarity partnerships.

**Advice to current students:** More than ever before, our world is so deeply divided by our differences, by our diversity. My humble advice to current students is that they should continue to nurture and sustain the spirit of living together in harmony, respecting the rich cultural differences, and eventually carry this spirit with them wherever they find themselves in the future.

## Where are you originally from and how did you end up at Cal State East Bay?

Ghana, West Africa. A friend studying in Cal State informed me about the availability of a kind of scholarship. I did apply, was granted an out-of-state tuition waiver and admission in January 2003.

## What inspired you to strive for higher education?

Both parents were illiterates. I was orphaned even before I was 10 years and suffered abject poverty. I was inspired to strive for higher education by the realization that education was the key to liberating me from the clutches of poverty and misery, that education was the only tool that could empower me to be a worthy and useful citizen to my family, community and country.

## Was it difficult to accomplish your educational goals?

As the adage goes, nothing good comes easy. The financial, logistical and cultural shocks notwithstanding, I would venture to say that it was relatively easy to successfully pursue my MPA in 18 months. Missing my wife and three little kids back in Ghana, and the desire to finish and return to them, was a strong motivation to finish hard and fast. I also eventually had logistical and professional support from various professors and other people of good will that facilitated my successful and earlier completion.

## Were there any classes or professors at Cal State East Bay that had an impact on you?

Ann Cunliffe and Professor Jay Umeh. I took five classes with Ann and her style of teaching had a great impact on me. She challenged and led me to question my long held assumptions and worldview. I learned from her the need to engage in critical self-reflexivity in my work. These lessons have been extremely helpful. I was impacted by professor Umeh's dedication and commitment to work. His way of teaching the synthesis class was remarkable.

## What inspired you to take on the role of senior program officer with Catholic Relief Services in Ghana?

One of the stumbling blocks to development in Africa is bad and corrupt government and leadership. Twenty-five percent of my time I work for CRS West Africa and my job there is to promote global solidarity partnerships between the U.S. and Africa. Another 25 percent of my time is spent in the U.S. advocating on issues of poverty, disease, war and conflict and why the American people should support Africa. It's the greatest honor for me to work for CRS in that capacity because it gives me the opportunity to give back what I received from CRS. My job brings me joy and fulfillment that transcends the value of money.

– By Sarah Aubert

## Class Notes Winter '06

### 1960s



**Marvin Remmich, B.S., Marketing ('69)**, is the president and founder of RAM Properties in Danville, a residential and investment real estate firm. He is also president and founder of RAM Financial Services.

Remmich was elected to the Cal State East Bay Educational Foundation Board of Trustees.



**Nora Coryell, B.A., Spanish ('69)**, holder of a lifetime California adult teaching credential, spent 10 years teaching in the Bay Area and 20 years counseling, working mostly with farmworkers in Mexico.

### 1970s



**Terrie Kurrasch, B.S., Recreation ('69)**, was promoted to senior associate at consulting firm Ratcliff. She is a fellow of the American College of Healthcare Executives and past president of Health Care Executives in Northern California.



**John S. Kolbisen, B.S., Business Administration ('70)**, owner of La Petite Baleen in Half Moon Bay, was elected to the Cal State East Bay Educational Foundation Board of Trustees.



**Walter Cambra, B.A., Philosophy ('70), B.A., History ('02)**, wrote the poem entitled "Martian Odyssey" published in The Refractor newsletter of the East Bay Astronomical Society in October 2005.

The National Space Society in Washington, D.C. and the SETI Institute in California are among institutions that accepted the poster-poem for preservation.

**Bill Williford, B.S., Political Science ('72)**, is the senior vice president of Morgan Stanley. He is also director of Rosenblum Cellars.



# Homecoming '06



## class notes

**Sandra Cortez, B.A., Art ('73)**, was the first woman to pass two-year probation as a Fremont police officer and was promoted to sergeant, lieutenant, then captain. She recently retired after 31 years of service.

**Brian Moura, M.P.A. ('74)**, is the assistant city manager for the city of San Carlos. He was appointed in December 2005 to the Public Technology Institute Board of Directors, a national nonprofit created to address the technology issues impacting local government.



**Bob Agnew, B.A., Mass Communication ('75)**, was named program director of 910 KNEW and 960 AM The Quake. He recently left KNBR after 16 years. He established the Bay Area radio station as one of the top sports talk broadcast outlets in the United States.



**Peggy Fulton Hora, B.A., Political Science ('75)**, was the first student to complete a concentration in women's studies. Hora, who served as a judge for the Alameda County Superior Court, has retired after 21 years. She is known for being one of the pioneers of drug treatment courts.

## 1980s



**Daniel Treadwell, M.S. Physical Education ('80)**, after receiving his MBA in business logistics from the University of Toledo, was hired by the Navy as a logistician in 1984. He has been with the federal government for 21 years and is currently a logistics manager for telecommunications systems with the Federal Aviation Administration in Washington, D.C.

**Karen Luey, B.S., Accounting ('83)**, was appointed the vice president, controller and principal accounting officer of LeapFrog Enterprises Inc., leading developer of technology-based educational products.



**Marshall Umpleby, Administrative Service Credential ('85)**, published his first work, a World War II historical novel, *On Falcon's Wings* (PublishAmerica 2004). He is working on his second novel, *Delayed Steal*, a collection of short stories, poems and essays.

## A Win-Win For Home Buyers!

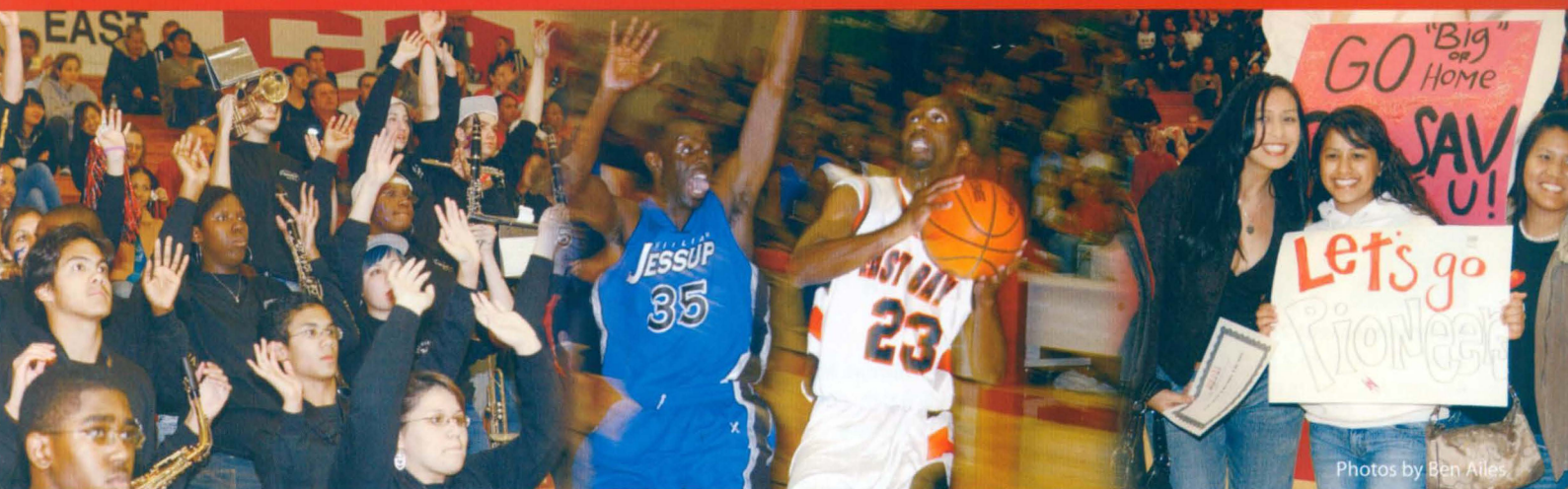


American Home Mortgage will donate \$300 in your name to the Alumni Association for scholarships and alumni programs when you obtain your next home loan with them. Also enjoy complimentary access to the nationwide Multiple Listing Service to search for your dream home in any state. For more information, visit: <http://csuebalumni.org/benefits.html>.



**Julie McKillop, B.S. Marketing ('86)**, is a CPA with offices in the Bay Area. She is also owner of Neumanali, a wine bar and restaurant in downtown Hayward.





Photos by Ben Ailes

## 1990s

**Mary Rennie**, B.S., Criminal Justice Administration ('91), recently assumed the role of commander of the Tracy California Highway Patrol office. She is also a member of the California Bar Association.



**Michael J. Johnson**, M.P.A. ('92), was named Placer County planning director in September 2005. He completed the city of Folsom's planning process for a 3,600-acre annexation area south of Highway 50 and updated the city's housing plan including rezoning of 150 acres for affordable housing.

**Jennifer Thaete**, B.A. Political Science ('92), Paralegal Certificate ('94), received her law degree from Humphrey's College School of Law in Stockton. She recently formed a partnership with a small law firm in Livermore, Abramson and Thaete LLP.

**Mark Chilianis**, M.A., Geography ('93), is senior geographic analyst for Navteq of Chicago, a company that collects the digital map data used by Internet companies and car manufacturers.



**Ed Rockowitz**, B.S., Business Administration ('95), is owner of Ahhh Massage, a professional on-site massage service founded in August 2001.

**Chris Kramer**, M.S., Geography ('96), wrote an awarding winning master's thesis in 2001 titled "What if...? Preparedness for and Potential Impacts of Dam Failure in the Bay Area." This thesis helped her land statewide positions as special projects manager for the Red Cross.



**Roger Lim**, Psychology (attended '89-'90), recently completed his first full-length feature film, *Ameriasian*.

Lim is the writer, producer, director and an actor in this film scheduled for release during the 2006-2007 worldwide film festival circuit.

**Fred Walke**, B.A., Marketing (attended '93), was recently appointed CEO of Microdental Laboratories, makers of high-end dental cosmetics and restorations.

## Submit Class Notes



Share news about your career, accomplishments and changes in your life with other alumni. Include your address, phone numbers, degree earned, major and graduation year along with a current color photo. Mail to Cal State East Bay Magazine, Attention Editor, CSUEB, 25800 Carlos Bee Blvd., WA908, Hayward, CA 94542. Or e-mail to: [donna.hemmila@csueastbay.edu](mailto:donna.hemmila@csueastbay.edu). E-mail photos should be sent as jpeg images saved at a resolution of 300 dpi. Mailed photo prints will be returned only if requested.

Keep up with Alumni Association news at: [www.csuebalumni.org](http://www.csuebalumni.org)  
Contact Director of Alumni Relations  
Kate Shaheed  
25800 Carlos Bee Blvd., WA908  
Hayward, CA 94542  
510 885-2877 or  
[kate.shaheed@csueastbay.edu](mailto:kate.shaheed@csueastbay.edu)



# Book It

## Hayward Campus

### EVENT



#### Commencement 2006

June 10, 7 a.m. to 2 p.m., University Stadium  
Alumni volunteers needed to sell CSUEB memorabilia.

### MUSIC

#### Noon Recitals

March 30, April 11, 13, 20  
Music Building Recital Hall, MB1055  
May 11, 16, 25; MB 1039  
Free and open to the public.

#### 21st Annual CSUEB Jazz Festival

CSUEB Jazz Ensemble, Stan Kenton Alumni and special guest  
March 31 and April 1, 8 p.m.  
University Theatre and Courtyard  
\$20 general/\$18 seniors and students/\$15 Jazz Festival participants and CSUEB students  
For information and reservations call 510 885-3167.

#### 5th Annual Alumni/Faculty Composers/ Glenn Glasow Memorial Concert Series

May 9, 8 p.m.  
Music Building Recital Hall, MB1055  
Free and open to the public.

#### Jazz Band, Jazz Workshop, and Jazz Ensemble Concert

May 23, 8 p.m., University Theatre  
\$7 general/\$5 seniors and students/Free to CSUEB students

### THEATER

#### Fools

By Neil Simon. Marc Jacobs, director  
May 5, 8 p.m. and May 6, 2 p.m., 8 p.m., University Theatre  
\$7 general/\$6 youth and seniors/\$5 CSUEB students/\$3 children

#### Performance Fusion

Choreographed and directed by students  
May 12, 13, 8 p.m. and May 14, 2 p.m. (venue TBA)  
June 2, 3, 8 p.m. and June 4, 2 p.m., Studio Theatre  
\$10 general/\$7 youth and seniors/\$5 CSUEB students

### ART

#### William Blake Show

Until April 12  
University Art Gallery: Monday through Wednesday, 12:30 to 3:30 p.m.  
Admission is free.

#### Annual Juried Student Exhibition

May 11 through May 31  
Opening May 10, University Art Gallery  
Admission is free.

## Concord Campus

### SCHOLAR-OLLI Programs

The Osher Lifelong Learning Institute, funded by the Bernard Osher Foundation and CSUEB, provides programs for mature learners, 50 and older. Members enjoy free lectures and courses at discounted fees. For details call 925 602-6776 or visit [www.concord.csueastbay.edu/scholar-home.htm](http://www.concord.csueastbay.edu/scholar-home.htm).

### LECTURES

#### China: The Sleeping Giant Wakens

March 9, 7 to 8:30 p.m.  
Library Building, Oak Room  
TravelLearn President Edwin Williams' lecture focuses on China's economic awakening and on some of the historical and cultural factors that explain this recent phenomenon.  
Free Admission.

#### Frozen Music: The Architecture of Bruce Goff

March 15, 2 to 3:30 p.m., Oak Room  
William Olin, architect, will trace the career of the late Bruce Goff  
\$5 nonmembers/free to SCHOLAR-OLLI members

### COURSES

#### The Love Poem

March 7, 14, 21, 28  
10:30 a.m. to 12:30 p.m., LB149  
Donald Markos, CSUEB professor emeritus of English, will review love poems through the ages, \$60 SCHOLAR-OLLI members/\$80 nonmembers



#### Film Course: History of the Academy Awards

March 10 and 24, 7 to 9 p.m., Oak Room  
How the Academy Awards reached celebrity status. \$75 SCHOLAR-OLLI members/\$95 nonmembers. Fee includes course reader by professor James Forsher. Free parking.

## Alumni Events

### Alumni Reception

March 9, 6 to 7 p.m., Concord Campus  
Join the newly formed Concord Campus chapter. Contact Leslie Duncan at 925 602-6716 for more information.

### CSU Alumni Legislative Day and Reception

April 10, 6 to 8 p.m.  
Sacramento Convention Center  
Join CSU alumni following a day of lobbying and political advocacy.

### Honors Convocation

May 7, 4 to 6 p.m., CSUEB Amphitheatre  
Encourage honorees by serving refreshments. An Alumni Association fund-raiser is also scheduled.



### Oakland A's Game – BBQ and Tailgate

June 3, 11 a.m., McAfee Coliseum  
\$25 tickets to Alumni Association members  
\$30 tickets to guests

For more information on alumni events contact the Alumni Association at 510 885-2839 or by e-mail, [alumni@csueastbay.edu](mailto:alumni@csueastbay.edu).



# The Last Word: Leadership



What makes good leadership? Is it something people are born with? Can you learn it from a book? Or does it just come along with a fancy job title? Here is how some Cal State East Bay folks define leadership.



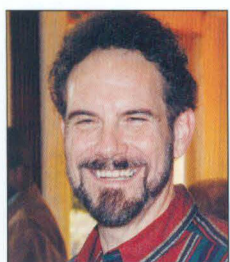
"Leadership involves a process of influence over others, and the leader will have followers who may, or may not, willingly choose to function as his followers. There is no single definite profile of how a leader should be. Different situations call for different characteristics that are effective for leading others. I see the leader as a guiding figure for his followers, with no autocratic rule of power."

**Iasmina Bilek**, international business certificate student



"When I think of leadership, I think of someone that's fair and equal with everyone on the team, someone who is willing to stand or step up when situations arise. Being a leader means being yourself at all times."

**Jesus Gonzalez**, freshman



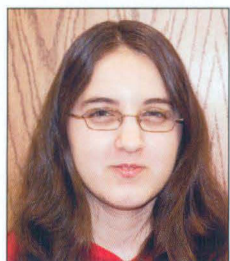
"Giving examples not just words. Walking the walk if you talk the talk, so to speak. Voicing your opinion and then taking a back seat if there is a better idea."

**Albert Camacho**, advisor in Enrollment Services



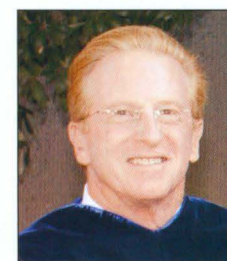
"I know people can become leaders without being born with the skills. You can acquire them. A good leader is somebody who inspires others. Sometimes being a leader is just knowing where people want to go and taking them there. The best leaders are people who can get you to do something because you want to, not because they tell you to do it. A leader can create a desire in you to do it."

**David Travis**, associate vice president of Student Affairs



"Leadership is setting a good example that someone can follow. Many teachers are leaders because they are setting examples for their students to follow. Leadership means being helpful and having an influence. A good leader is someone who is patient and enjoys working with others. (He or she) is also someone who doesn't get angry or frustrated easily."

**Tonya Luallin**, freshman



"The definition I've always liked - a little tongue in cheek - is one I originally heard from Lee Iacocca (former chairman of Chrysler Corp.) - 'Leadership is finding the right parade and getting in front of it.'"

**Peter Wilson**, dean of the Concord Campus



# Two Great Ways You Can Support CAL STATE EAST BAY

## Join the CSUEB Alumni Association

The Cal State East Bay Alumni Association keeps you in touch with everything you cherish about your university experience – classmates, traditions, events and faculty.

Through its 40-year history, the Association has remained committed to serving alumni and supporting the mission of the university.

Help us keep the commitment alive.

Join the Alumni Association today.

To learn more visit: <http://www.csuebalumni.org>

Or call 510 885-2877



## Make a Gift to CSUEB

Join us in inspiring achievement and creating opportunities for Cal State East Bay's hard-working students.

Whether you're giving to scholarships, math and science teaching and research, improved facilities, technology innovation or a specific college or department, your gift will support our students.

Partner with us in building a future for our students and for California.

To learn more visit: <http://www.csueastbay.edu/support>

Or call 510 885-2150

Cal State  
**EASTBAY** Magazine

California State University, East Bay  
University Advancement, WVA 908  
25800 Carlos Bee Blvd., Hayward, CA 94542

Non-Profit Org  
US Postage

**PAID**

Permit No. 387  
Hayward, CA

Return Service Requested