Research team brings science skills to real-world problems

One-stop shopping for environmental expertise is the goal of a group of Sacramento State scientists from a variety of disciplines.

The Center for Regional Environmental Science and Technology, or CREST, brings together 17 scientists from the departments of Biology, Chemistry, Economics, Environmental Studies, Geography, Geology and Mathematics to apply their collective research expertise to real-world scientific problems, especially in areas like water quality, air quality and ecology.

“These are important issues in Sacramento, where rapid growth is impinging on the environment,” says chemistry professor and CREST director Susan Crawford. “The research areas are far too complex for one scientist. Environmental projects require teams.”

Established earlier this year within the College of Natural Sciences and Mathematics, CREST is so new its members are still searching for permanent lab space for the center. Meanwhile, they’re already performing research for project sponsors using their own facilities and resources.

Crawford is a researcher on a project for the U.S. Geological Survey to determine the source of organic compounds found in water from the Delta that produce chloroform, a toxic byproduct, when the water is chlorinated for drinking. In a separate CREST project, also funded by USGS, Crawford is testing various methods for removing the compounds prior to chlorination.

In another CREST project nearing completion, Crawford is helping engineers at the Office of Water Projects, a unit of University Enterprises, test a method for removing contaminants from stormwater run-off.

Biologist Ron Coleman and geologist Tim Hooper, who serve on CREST’s steering committee with Crawford and environmental scientist Ed Martinez, are conducting research for the Sacramento Water Forum and the U.S. Bureau of Reclamation on various aspects of salmon spawning in the American River. The river’s salmon are also the focus of a Water Forum-sponsored project Coleman and biochemist Linda Roberts recently started to examine the biochemistry of salmon reproduction.

Crawford says Sacramento State is well-positioned within the Capital Region to perform multidisciplinary applied research. “By looking at applied research problems, I found there is non-traditional funding from government agencies and local industry that larger traditional research universities are less interested in going after.”

Crawford says CREST has several advantages in this market. “As part of a university, we’re typically seen as neutral. We don’t have a particular bias that some private-sector vendors may have perceived to be. Plus, where else are you going to find a team of 10 Ph.Ds who can think about a research topic?”

“The environment is a complicated, tragic system and the science of it is very intricate, often rationalized within the Capital Region to perform multidisciplinary applied research.”

One jazz group, titled The Jazz Singers, is a co-ownership project with the magazine’s Best Collegiate Student Awards competition. Its jazz performance, and to be recognized for it is an honor.”

C-Sus and The Jazz Singers are advanced ensembles of the University’s jazz program, requiring auditions for all performers. They both specialize in a contemporary jazz sound.

Both groups perform several times each semester on and off campus at festivals and at schools for outreach. A collection of recordings from these two groups, titled In the Winelight, will be released April 24.

Down Beat magazine, published since 1934, accepts taped submissions from student musicians as entry in its annual student awards competition. Its awards are considered among the most prestigious national honors given to jazz students. For more information, contact Marsh at (916) 233-7066 or at kerry@kerrymarsh.net.
President Alexander Gonzalez and senior administrative staff will host a reception honoring retiring University employees from 3:30 to 6 p.m., Thursday, May 11, in the Alumni Center. The campus community is invited. RSVP to 278-4040 by May 11.

Those to be honored include:

**Faculty**
- Troy Armstrong, Anthropology, 20 years
- Mary Behrens, Nursing, 27 years
- David Corin, Government, 35 years
- Larry Hannah, Teacher Education, 33 years
- Valerie Whaley, Anthropology, 15 years

**To FERP**
- Fruko Anstonos, Foreign Languages, 3 years
- Michael Rolland-Russ, Child Development, 24 years
- David Roll, English, 32 years
- Herbert Blake, Management, 29 years
- Ronald Bolt, Social Work, 33 years

**Staff and MPP**
- Joanna Brown, Teacher Education, 35 years
- Philla Charter, Education, 26 years
- William Davies, Library, 27 years
- Ellen Diane Doze, Facilities Mgmt., 23 years
- Karen Domich, Development, 29 years
- Richard Fucik, Facilities Mgmt., 33 years
- Lilibeth Espinosa, Facilities Mgmt., 29 years
- John Hennick, Public Safety, 31 years
- Christina Huyse, SFC, 12 years
- William Heik, Facilities Mgmt., 14 years
- Carol Hopf, Coop. Ed., 26 years
- Susie Huntma, Athletics, 19 years
- Carolyn Kenner, Financial Aid, 33 years

**CREST**

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involving several scientific disciplines. In order to study environmental issues, you have to do very plumes. In order to study environmental issues, you have to do very plumes. In order to study environmental issues, you have to do very plumes. In order to study environmental issues, you have to do very plumes. In order to study environmental issues, you have to do very plumes. In order to study environmental issues, you have to do very plumes. In order to study environmental issues, you have to do very plumes. In order to study environmental issues, you have to do very plumes. In order to study environmental issues, you have to do very plumes. In order to study environmental issues, you have to do very plumes. In order to study environmental issues, you have to do very plumes.

**AFSHIN MARASHI, History,** presented a paper entitled “Secul- larizing Iran: Modernization, the State and the Construction of National Religion, 1921-1941” at the “Rethinking Secularization” conference April 2 at UC Davis.

**ARTHUR WILLIAMSON,** History, was part of a panel entitled “Enlightenment and Reli- gion” at the “Rethinking Secular- tization” conference April 3 at UC Davis.

**JAMES SOREDO,** Ethnic Stud- ies, published an article in the April issue of Filipinas entitled “Working with Cesar Chavez and the UFW.” The article is about Andrew Imutan, who co-founded the United Farmworkers Union with Cesar Chavez.

The Division of Social Work is known as a Baccalaureate Program or to enroll, contact

**WILLIAM A. DORMAN,** Govern- ment, was one of two American scholars asked to contribute original essays for a forthcoming anthology dealing with how the press in various countries dealt with the political debate preceding the 2003 war with Iraq. His essay, “A Debate Delayed Is a Debate Denied,” will appear in Leading to the 2003 Iraq War. The Global Media Debate to be published later this year by Palgrave Macmillan.

**ROGER SULLIVAN,** Anthropol- ogy, had a commentary entitled “The present of the body and schizo- phrenia” published in the December 2004 issue of the journal Behavioral and Brain Sciences. He also presented a paper at the UC Davis Anthropology Collo- quium entitled “Psychoactive Substance Seeking: Evolutionary Pathology or Adaptation.”

in the news

**LARRY GLASMIERE, Academic Affairs,** and **TOM GRIFFITH,** Academic Advising, were inter- viewed by April 19 by Jeffrey Callis- on the Educational Leadership and California Studies faculty of the University Advancement, 11 years
- Rosemary Quinn, Research and GS, 13 years
- UMS, 19 years
- Mike Ran, Research and Cal, 13 years
- Marica Stogner, U.C.D., 20 years
- Brian Smith, S.C.S.U., 11 years
- Steely Stockin, Admissions and Records, 10 years
- Harriet Tumgang, Academic Affairs, 27 years
- Muslim Thompson, Admissions and Records, 32 years
- Shelly Vicas, U.C.S., 17 years

All employees on the list have submitted a notice of intent to retire to the University.

**CRET**

**Continued from page 1**

involving several scientific disciplines. In order to study environ- mental issues, you have to do very careful science,” Crawford says. At the same time, CREST project gives graduate students the opportunity to work alongside faculty on real world problems.

“that a big CREST goal,” says Crawford. “We want to train stu- dents who are able to work effectively in the local community when they graduate.”

Ultimately Crawford sees CREST as one way for the University to build its research in nature. She’d like to see a proposed new science building include laboratory facilities large enough to be shared by CREST and other programs such as the Molecular Biology Interdisci- plinary Group.

For more information, visit the CREST website at www.csus.edu/ bios/CREST/CREST.html.
Employees honored for years of service

More than 160 employees—representing 3,075 years of service to the University—were honored at the annual USA staff Awards Luncheon last week. The sold-out event recognized Sacramento State staff and administrators as well as employees of Associated Students and University Enterprises for 10, 15, 20, 25, 30 and 35 years of service. Those recognized included nine who have worked at the University for 35 years: Holly Barrick, UCSS; Kathleen McCord, College of Business Administration; David Shannon, Procurement; Jeffrey Williams, Receiving/Shipping; Thomas Griffith, Academic Advising; Carolyn Kennet, Financial Aid; Jolene Lee, Outreach; Cassandra Galente, Administrative Operations; and Jo Anne Breese, Teacher Education. Honorees who have been at the University 10, 15 or 20 years received a pin in the shape of the Guy West Bridge. Employees recognized for 25, 30 or 35 years were presented with an engraved plaque or other award.

Partnership with TV station honors teachers

Coming to a television near you—the best in regional teachers. Over the past year, the College of Education took another step in its efforts to promote and recognize great teaching by teaming up with the Sacramento television station KXTV, known as News10, in its Teacher of the Year program. The budding relationship gives the College the rewarding but challenging role of helping choose 12 Teachers of the Month, and eventually one Teacher of the Year, from scores of nominations sent to the station. It’s a partnership that makes sense, says Kimberly Gordon-Rousse, a child development professor and chair of the College’s Professional Development Community/Student Affairs Committee, the campus group that chooses the Teacher of the Month candidates and ultimately selects the Teacher of the Year. “Because the College of Education is the premier resource for teachers in the region, and News10 is recognizing teachers for the region, it seemed for all of us like a perfect fit. Our faculty educated those teachers.”

Each month, faculty members from the College select three nominees and forward them to the station for the final decision. They’re chosen for a number of traits such as innovation in the classroom, impact on students and longevity. From these monthly winners, a Teacher of the Year is chosen. The announcement is made at a festive ceremony at the Esquire IMAX Theater. The Teacher of the Year for 2004-05 was Heddie Harvey of Vencil Brown Elementary in Roseville.

Trading in spaces

The Bulletin spoke with Denise Ramos, manager of the Office of Space Management.

What do people think you do?
Schedule campus facilities and coordinate related services for meetings, events and special activities. Academic administrators and support staff will know that we also coordinate classroom allocations and room assignments for courses and final examinations.

What do you really do?
Space Management is responsible for the classroom furniture inventory, room scheduling software and reporting requirements, space audits and the space inventory database. We provide data for CSU space reporting reconciliations, scheduling within energy conservation guidelines, facilities utilization reporting and campus space assignments and reviewing of requests for space changes, remodels, and requests for program space. We also assist in construction plans for new classrooms, develop ideas for space solutions in existing facilities for new and expanded programs, and for backfill and “surge” space related to major construction, coordinate department relocation plans and adjust faculty office assignments between colleges and related space assignment duties.

Describe your office.
There are three staff members, a customer service associate, a scheduling coordinator, and a manager, and two student assistants. There is no real down time, but it is definitely the busiest at the beginning of each semester when customer service is at peak demand. We are located in Lassen Hall 3006.

What surprises people?
Space Management manages the scheduling for an average of 20,000 dates and facilities per year for courses, exams, events and non-instructional activities and that does not include the numerous room changes and revisions.

What is your biggest challenge?
Accommodating all the requests for lecture facilities for courses, especially on Tuesday and Thursday in “prime time,” and expanding programs and additional faculty offices.

What do you get asked the most?
Requests for space for a course, testing, conference, meeting, or special event.

News digest

PICNIC PLANS
The Annual USA Staff Appreciation Picnic will be held from 11:30 a.m. to 1:30 p.m., Friday, June 3 at the Outdoor Theatre. This year’s event will have a fiesta theme with a live Latino band, salsa dancers to give lessons, food catered by Gordito, chips and salsa at every table, lessons, food catered by Gordito, and Leatherby’s ice cream for dessert. Everyone who attends will receive a door prize and will be entered into a drawing for additional prizes.

President Alexander Gonzalez has offered to pay for tickets for staff members who choose to attend. Individuals can pick up their tickets by contacting their USA representative by May 20. General tickets for non-staff members can be purchased for $5 from any University Staff Assembly Representative or at the event.

MEET HR CANDIDATES
Interviews for the position of associate vice president for Human Resources will be held the week of May 2 at the times and locations listed below:

- 1:30 p.m., Tuesday, May 3: Mary Elizabeth Harper, longtime staff member, Health Professionals Ltd., Peoria, Ill., University Union California Suite
- 1:30 p.m., Wednesday, May 4: Donna Anders, former ass’t. director of human resources, Oklahoma State University, University Union Orchard Suite
- 1:30 p.m., Thursday, May 5: Susan Hough, human resources manager, UCSC Cancer Center and Institute, University Union California Suite
- 1:30 p.m., Friday, May 6: Leslie Nico-Baker, director of employee relations, CSU Long Beach, University Union Auburn Room

Any written comments should be sent no later than 3 p.m. Friday, May 6, to David Wagner at wagnerdl@csus.edu.

STAFF RECOGNITION PROGRAM
The next deadline for submitting nominations for the Staff Employee Recognition Award is Friday, May 13. Details regarding the Staff Employee Recognition Program and nomination forms can be found at www.csus.edu/president/staffrec.

SERVICE LEARNING EXPO
The Office of Community Collaboration will host a Service Learning Expo from noon to 3 p.m., Tuesday, May 3 in the University Union Ballroom. It will feature displays on 30 of the program’s service learning projects for 2004-05 and information on course and partnership opportunities. Details: 278-4786.

The budding relationship gives us a new way to talk about the College of Education. We have an all-new look, a new mission, and a new vision. What do you think of the new College of Education?
Digital
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the comparatively small community of Hellenic scholars located throughout the world, a niche audience that doesn't always draw the attention of commercial scholarly publishers.

Freed from the physical and economic constraints of print- ing on paper, the press can make more of the collection available to scholars, while enabling them to search, download, e-mail and link to virtually any part of—a simple thing to do on a computer but much more difficult when information is only available in print.
The press is the brainchild of University Librarian Terry Webb, who first envisioned creating a library-based digital press in 1995 while working at the University of Hawaii. Webb hoped to digitally publish a professor's collection of rare, never-before-published works and field literature from the People's Republic of China of the late 1960s and 70s. Like the Tsakopoulos collection, the mate- rial had an academic audience that was too small and decentralized to merit commercial publication.

That project ultimately stalled, but not Webb's vision. When Webb came to work at Sacra- mento State in 2013, President Alexander Gonzalez liked his idea well enough to encourage him to submit a proposal for creating a digital press. Last fall the project was approved and the press was on its way. One of its next projects will be publication of that Chinese underground literary collection.

Thanks to cheaper computer technology and more widespread Internet use, digital presses are becoming more common, but Webb knows of few that are affi liated with a university library.

"Most of what libraries are doing is creating collections and posting new information on Web pages," Webb explains. "What's new about our academic press is that we're making a conscious effort to be selective and heed the best resources to publish that support the curriculum at Sac State." Digital publication of the Tsako- polous collection is expected to provide a valuable academic resource for Sacramento State's new Hellenic Studies Program.

Webb believes the press represents a step toward the transformation of libraries from information middlemen to information providers. "Libraries are very well-equipped to get into digital publishing, given librarians' familiarity with content and knowledge of digital equipment," Webb explains. "For our digital press, we plan to develop editorial boards to help us determine what publications would be good to produce and point us to worthwhile materials. We're not subject experts or editors, but we know how to organize information and we know important information when we see it. We can capitalize on that."

Digital
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