

Unocal awards \$1.3 million to Cal Poly; establishes partnership with university

Unocal is awarding a \$1.3 million grant to Cal Poly to launch a collaborative research project aimed at developing "environmentally sensitive" technology to help petroleum companies in cleaning up contaminated sites.

The grant, to be funded over the next three years, includes nearly \$1 million in cash and more than \$350,000 in research equipment.

The research will be directed by microbiology professor Raul Cano, who heads the university's new Environmental Biotechnology Institute.

Cano is known internationally for his research involving ancient DNA and Dinosaur-Age microorganisms.

He, along with other scientists and

students, will establish a living laboratory at Unocal's Guadalupe oil field to explore ways of improving a technology known as environmental bioremediation.

Bioremediation occurs when petroleum contamination serves as a food source for bacteria already in the soil.

The research is expected to create more effective methods for eliminating petroleum-contaminated sites around the world by turning pollutants into harmless by-products such as water, carbon dioxide and various forms of salt.

Cano will direct a team of five faculty members and approximately eight students in the project, slated to begin in December.



Finalists for dean post invited to campus

Five candidates for the position of dean of the College of Architecture and Environmental Design have been selected. Finalist Thomas Sabol was interviewed earlier this month. Sabol is an architect and structural engineer with Englekirk & Sabol Consulting Engineers, Inc., in Los Angeles.

A second finalist, Roger Liska, was to be on campus yesterday (Nov. 21) and today (Nov. 22). His open forum was to have been yesterday. He is associate dean, College of Architecture, Arts and Humanities, Clemson University.

R. Terry Schnadelbach, chair and professor, Department of Landscape Architecture, University of Florida, will be on campus Monday and Tuesday, Nov. 25-26. An open forum is planned from 11:15 am to 12:15 pm Nov. 25 in the Staff Dining Room.

Virgil Carter, vice president of education, The American Institute of Architects, Washington, D.C., will visit campus Monday and Tuesday, Dec. 2-3. An open forum is set from 11:15 am to 12:15 pm Dec. 2 in the Staff Dining Room.

Martin J. Harms, dean, College of Architecture, Texas Tech University, will be interviewed Wednesday and Thursday, Dec. 4-5, and will hold an open forum from 10 to 11 Dec. 4 in the Staff Dining Room.

Students and faculty and staff members are encouraged to attend the upcoming forums and meet the candidates.

Community collaboration topic of Jan. 9-10 forum

"Building a Better Community" is the theme for the 6th annual Forum for Community-Based Organizations planned for Thursday and Friday, Jan. 9-10, at the Cuesta College Conference Center and Cafeteria.

The event, co-sponsored by Cal Poly, is designed for non-profit organizations, government agencies, and educational institutions.

The Community Resource Reception kicks off the two-hour event beginning at 5:30 pm Jan. 9. It is free and open to the public and will include refreshments, displays and exhibits, and door prizes.

Concurrent afternoon workshops are scheduled Jan. 10 from 7:30 am

until 4:30 pm. The keynote address will be given by J. Eugene Grigsby, director, Advanced Policy Institute and professor at UCLA's School of Public Policy and Social Research. He will speak at 9 am on "Strategies for Better Collaboration."

Panel presentations and workshops will address strategic planning, fund raising, volunteer recruitment and retention, non-traditional partnerships, and marketing.

Registration is \$30 if postmarked by Friday, Dec. 20, and includes lunch. For a registration packet, call Eric Doepel, director of the Cal Poly Fund and co-chair of the Collaboration Forum, at ext. 6448.

Panoramic photographs on exhibit through Dec. 8

Panoramic landscapes by photographer Macduff Everton are on display in the University Art Gallery in the Dexter Building through Sunday, Dec. 8.

Everton's large-scale color images depict scenes from around the world.

His works are known for their sense of place. Photography critic Andy Grudberg writes, "Everton updates travel photography the same way that Ansel Adams updated 19th century photography of the West. Everton captures strange and eloquent moments in which time and the world seem to stand still."

Everton's photographs have appeared in such magazines as *Condé Nast Traveler*, *Gourmet*, *Life*, *National Geographic Traveler*, *The New York Times Magazine*, *Outside*, *Smithsonian*, and *Town & Country*.

The University Art Gallery is open from 11 am to 4 pm daily and Wednesday evening from 7 to 9. For more information, call ext. 1571.

Pulitzer Prize winner to read Nov. 23

Jorie Graham, winner of the 1996 Pulitzer Prize for Poetry, will read from her work at 7 pm Saturday, Nov. 23, in the Philips recital hall in the Performing Arts Center.

Graham "is expert in finding in the natural world, in her own life and in history, correspondence for those spiritual motions, impulses, currents, apprehensions and emergings that intangibly make up our inner life," writes critic Helen Vendler in *The New York Times Book Review*.

Poet and critic David St. John states, "The destruction of our body and the loss of our cultural selves are at the heart of Graham's poetry, as are questions about the future of the modern soul. Her speculative and sensual poetry exemplifies the poetic hallmarks of the most powerful writing of the late 20th century: multiplicity, si-

multaneity and polyvocality. It echoes an aesthetic and cultural past, but is, truly, like nothing we've seen before."

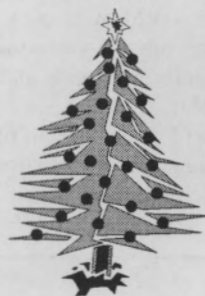
Graham is the author of seven books of poetry, including her latest award-winning "Dream of the Unified Field: Selected Poems."

A faculty member of the Writers' Workshop at The University of Iowa, she has received numerous awards for her poetry, including the John D. and Catherine T. MacArthur ("Genius Grant") Fellowship, the Lavan Award from the Academy of American Poets, and grants from the Guggenheim and Ingram Merrill foundations.

Admission to the reading is \$2 for the public and free to Cal Poly students and faculty and staff members.

The event is sponsored by the ASI Speakers Forum.

For more information, call English professor Angie Estes at ext. 2596.



Cal Poly Christmas trees on sale starting Nov. 29

Christmas trees will be on sale from Friday, Nov. 29, through Monday, Dec. 23, at the university tree farm.

The Natural Resources Management Department and Logging Sports Team are holding the sale, which will include Monterey pines from \$15 to \$40, firs at \$4 per foot, and Charlie Brown Monterey pines at a reduced price.

The farm will be open from 3 to 5 pm weekdays and from 10 am to 5 pm weekends and is located on Stenner Creek Road just off Highway 1.

For more information, call natural resources management professor Doug Piirto at ext. 2968 or the department office at ext. 2702.

Cal Poly Choirs, alumni plans Christmas program

"A Christmas Celebration," an evening of carols, lullabies and medleys, is sure to evoke the holiday spirit at 8:30 pm Saturday, Dec. 7, in the Performing Arts Center's Harman Hall.

This year's concert, conducted by music professor Tom Davies, will include more than 60 alumni singing with the Cal Poly Women's Chorus, Men's Chorus, Polyphonics, and barbershop quartets.

The Women's Chorus will perform "A Ceremony of Carols" by Benjamin Britten. Cal Poly music professor and harpist Jennifer Sayer will accompany the 60-voice ensemble. Sayer is a member of the San Luis Obispo County Symphony and the Mozart Festival Orchestra.

The Men's Chorus will sing "Kyrie" by James McCray, "Caribbean Carol" arranged by Roy Ringwald, "The Christmas Nightingale" arranged by Robert Hunter, and a Christmas Medley, arranged by former Cal Poly choir member Lincoln Keill.

Polyphonics, the university's 32-member chamber choir, will be joined by Sayre, guitarist and Cal Poly music professor Matt Greif, and student percussionist John Astaire, in performing "Carols and Lullabies, Christmas in the Southwest" by Conrad Susa.

Cal Poly's barbershop quartets, "Here Comes Treble" and "A Token Effort," will sing a variety of favorite carols.

The Cal Poly choruses and the alumni singers will come together for the finale of John Rutter's "Gloria" for chorus, brass octet, percussion and organ.

Tickets cost \$5 to \$8 and can be bought at the Performing Arts Center Ticket Office from 10 am to 6 pm weekdays and from 10 am to 4 pm Saturdays. To order by phone, dial ARTS (ext. 2787).

The concert is sponsored by the College of Liberal Arts, Music Department, and Instructionally Related Activities' office.

Maas to teach course in instructor effectiveness

Don Maas of the University Center for Teacher Education will once again be teaching the course Maintaining Instructor Effectiveness: Techniques and Strategies for More Effective Teaching.

The seminar, open to faculty and staff members, will be offered on Tuesdays from 9 am to noon during winter quarter in Room 214 in the Education Building. The first class will be Tuesday, Jan. 7.

The course will emphasize the practical applications of research to college teaching. Topics to be covered include:

- ♦ Which elements an instructor must consider and include to make instruction effective.
- ♦ Ways to motivate students to learn.
- ♦ How to be sure students are learning – before the final.
- ♦ How to get students to remember material taught.

Enrollment will be limited. The seminar is offered for free, but participants need to bring cash or a check payable to El Corral for \$8.26 to the first class meeting to buy the accompanying booklet.

To sign up for the course, call Janice Engle at ext. 5935. Those interested in taking the course but unable to attend winter quarter should also call Engle.

For information on the course, sponsored by the UCTE and the Faculty Development office of Extended University Programs and Services, call Maas at ext. 2587.

Chamber Orchestra sets Dec. 7 Concert

The Cal Poly Chamber Orchestra will play the music of Beethoven, Haydn and Edward Elgar during the group's annual fall concert at 8 pm Saturday, Dec. 7, in the Theatre.

Under the direction of music pro-

fessor Frederick Lau, the orchestra will play Coriolan Overture, Op. 62, by Beethoven; Symphony No. 40 in D major by Haydn; and Serenade Op. 20 for string orchestra by Edward Elgar.

Tickets for the concert are \$5 and can be bought at the Performing Arts Center Ticket Office from 10 am to 6 pm weekdays and from 10 am to 4 pm Saturdays. To order by phone, dial ARTS (ext. 2787).

The concert is sponsored by the Music Department and College of Liberal Arts.

Change your message for the holidays

The Communications office suggests that departments that will be closed for the holidays change the recordings on their voicemail or telephone message machines to let callers know when they can expect a call back.

Complaints have been received in the past from people off campus who tried unsuccessfully to reach offices that did not indicate the department was closed for the holidays.

CPR Schedule

The *Cal Poly Report* will not be published next Friday, Nov. 29, because of the Thanksgiving holiday.

Publication will resume Friday, Dec. 6, and the last fall quarter copy will be out Dec. 13. Please remember, the deadline to submit an item for inclusion is 1 pm on the Friday before you'd like it to appear.

Announcements can be mailed to Jo Ann Lloyd, Heron Hall, Communications, faxed to ext. 6533, or e-mailed to jlloyd (@calpoly.edu) or polynews@oboe.calpoly.edu.

The first winter quarter issue of the *Cal Poly Report* will appear Friday, Jan. 10.

Two more vice provost finalists to visit Cal Poly for interviews

Open forums are scheduled in the Staff Dining Room for two more candidates, who will be on campus interviewing for the position of vice provost information technology/chief information officer.

Jeremiah (Jerry) Hanley, strategy officer of Edulink, consultant to AT&T, and a faculty member at USC's School of Business in the Center for Telecommunications Management, will appear at an open forum at 10 am Tuesday, Nov. 26.

Donald Zarlengo, vice president of information technology at Edmonds College in Lynnwood, Wash., will hold an open forum from 10:30 to 11:30 am Tuesday, Dec. 3.

Students and faculty and staff members are encouraged to attend and participate in question-and-answer sessions.



Career Services earns 'best school' award

Career Services has won the 1996 Best School Award and almost \$2,800 from Harveys Resort Hotel/Casino of Lake Tahoe.

Cal Poly won the award for supplying Harveys with the most students for summer employment. The students were also credited with keeping their commitment to their jobs.

Runners-up include Northeastern State University, Central Washington University, and New Mexico State University.

Career Services helps more than 8,000 students a year with employment opportunities, career counseling and planning, and graduate school advising.

In addition, the office coordinates its services with hundreds of employers and graduate school representatives.

Dateline

Admission charged — \$

FRIDAY, NOVEMBER 22

Exhibit: Recent works by photographer Macduff Everton. Through Sunday, Dec. 8. University Art Gallery, Dexter.

Men's Basketball: Simon Fraser, Mott Gym, 7 pm. (\$)

Music: Latin-style pop singer Perla Batalla. Performing Arts Center, Harman Hall, 8 pm. (\$)

Play: "Look Homeward, Angel," produced by the Theatre and Dance Department. Continues Saturday, Nov. 23. Theatre, 8 pm. (\$)

SATURDAY, NOVEMBER 23

Men's Basketball: CSU Hayward, Mott Gym, 7 pm. (\$)

Music: Bandfest, featuring the Cal Poly Wind Orchestra and the University Jazz Bands. Performing Arts Center, Harman Hall, 8 pm. (\$)

Play: "Look Homeward, Angel," produced by the Theatre and Dance Department. Theatre, 8 pm.

SUNDAY, NOVEMBER 24

Women's Basketball: University of Montana, 2 pm. (\$)

Dance Lessons: The Ballroom Dance Club will teach the cha cha. Odd Fellows Hall, San Luis Obispo, 5 pm. (\$)

TUESDAY, NOVEMBER 26

Men's Basketball: Loyola Marymount, Mott Gym, 7 pm. (\$)

WEDNESDAY, NOVEMBER 27

Thanksgiving Holiday: Campus will be closed through Sunday, Dec. 1.

SUNDAY, DECEMBER 1

Dance Lessons: The Ballroom Dance Club will teach the cha cha. Odd Fellows Hall, San Luis Obispo, 5 pm. (\$)

MONDAY, DECEMBER 2

Music: Vocal student recital. Davidson Music Center 218, 7:30 pm.

TUESDAY, DECEMBER 3

Workshop: "Managing Workload and Career-Related Stress," led by Cathy Brody (licensed marriage, family and child counselor). UU 220, 9 am.

Speaker: Margaret O'Neill (clinical psychologist) will discuss "He Said, She Said: How Women and Men Communicate Differently." Staff Dining Room, noon.

Men's Basketball: Cal Baptist, Mott Gym, 7 pm. (\$)

WEDNESDAY, DECEMBER 4

Speaker: Holly Seaton will discuss "Changing Negative Body Image Voices." UU 216, 7 pm.

Music: Electronic music student recital. Davidson Music Center 218, 11 am.

THURSDAY, DECEMBER 5

Music: Student recital featuring vocalists and instrumentalists. Theatre, 11 am.

FRIDAY, DECEMBER 6

Last day of fall quarter classes.
Women's Basketball: Idaho State, Mott Gym, 6 pm. (\$)

Position vacancies

Vacancy information and applications for the following positions are available from the appropriate Human Resources office. Vacancy information can also be accessed from the Cal Poly home page on the World Wide Web (address: <http://www.calpoly.edu>; click on "General Information" and "Current Events").

STATE (Adm. 110, ext. 2236 or job line at ext. 1533). Official application forms must be received by 4 pm of the closing date or be postmarked by the closing date. (No faxes)

CLOSING DATE: Dec. 9

#74067: Coordinator, Paralegal Studies Certificate Program (Extended Education Specialist I), Extended Education, \$1461-\$1756.50 per month, temporary, half-time, to Nov. 1, 1998, with renewal contingent upon budget and program participation.

CLOSING DATE: Dec. 27

#78068: Police Officer, Public Safety Services, \$2787-\$3424 per month. (Up to three positions, two are grant funded for three years with a strong possibility of continuance based on other funding.)

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FACULTY (Adm. 312, ext. 2844)

Candidates interested in positions on the faculty are invited to contact the appropriate dean or department head or chair. Ranks and salaries for faculty positions are commensurate with qualifications and experience (and time base where applicable) unless otherwise stated.

CLOSING DATE: Jan. 31, 1997

#73021: Assistant Professor in Studio Art, Art and Design Department, ext. 1149. Full-time tenure track position beginning September 1997 (salary range \$37,140 - \$40,752, commensurate with qualifications and experience). Primary

teaching duties will be studio foundation courses, with additional upper-level instruction in area of specialty. Practicing exhibiting artist who brings strength and versatility to the classroom. MFA with concentration in 2D studio area. Evidence of commitment to drawing. Demonstrated ability in creating innovative, experimental, or mixed-media artwork. Candidate should have a strong exhibition record. College-level teaching experience required. Please contact department for application package requirements at number above.

#73027: Assistant/Associate Professor, Accounting Area, College of Business, ext. 1149. Full-time tenure track position beginning September 1997, teaching emphasis in managerial accounting/information systems. Willingness to incorporate curriculum innovation a must. Doctorate required; professional certification preferred. Candidates must be committed to teaching excellence and professional development. Contact Mary Beth Armstrong, Accounting Area coordinator.

CLOSING DATE: Jan. 15, 1997

#73032: Assistant Professor, Biological Sciences Department, ext. 2789. Full-time tenure track position in biotechnology/industrial microbiology, beginning September 1997 (salary \$37,140 - \$46,812, depending on qualifications and experience). Applicant must have a Ph.D. at time of hiring and a strong commitment to teaching. Primary teaching responsibilities will include biotechnology/industrial microbiology and introductory microbiology. Additional duties include student advising and directing students in undergraduate and graduate research. Should have a strong background in natural product discovery, genetics of industrially-important microorganisms, or molecular biology in industrial processes and will be expected to pursue an active and productive professional development program. Active participation in the biotechnology program and involvement in activities consistent with the mission of the Environmental Biotechnology Institute encouraged. Send letter of interest and CV to V. L. Holland, head, Biological Sciences.

CLOSING DATE: Jan. 17, 1997

#73037: Lecturer, Political Science, ext. 2984. Full-time lecturer position beginning fall 1997 with possibility of second year extension. Salary range: \$33,876-\$38,028, depending on qualifications and experience. Fields in Asian politics/Pacific Rim and American politics. Course load of 15 units per quarter. Ph.D. in political science preferred; ABD considered. Demonstrated excellence in undergraduate teaching required.