

Cal Poly Report

Vol. 36, No. 24 Thursday, March 7, 1985

Memorial fund established in name of Sandra Crabtree

A memorial scholarship fund for Home Economics teacher education students has been established in the name of Dr. Sandra Crabtree whose death, Friday, March 1, marked the end of a 15-year career at Cal Poly.

Dr. Crabtree, 50, was a member of the home economics faculty from 1970-77 when she left to earn her Ph.D. in Vocational Education at Colorado State University. Upon her return to Cal Poly she served as Acting Head of the Home Economics Department during the 1979-80 academic year and as teacher educator in that department, as well as coordinator of Student Teaching for the university until she became ill during Fall Quarter 1984.

Well known throughout the state for her expertise in curriculum development and innovative teaching strategies, she was a frequent presenter/participant in vocational education workshops and FHA-HERO meetings. During the past year, she was awarded two grants from the California Department of Education — one to develop curriculum in support of a Model Home Economics Preservice Education program at Cal Poly, and the other devoted to development of inservice seminars and workshops for home economics teachers throughout the state.

Dr. Crabtree was a member of the American Home Economics Association, the California Home Economics Association, and was the founding president of the Santa Lucia District of the CHEA. She also served on the Board of Directors of the Cal Poly Alumni Association. Additionally she was a member of the American Vocational Association, Home Economics Education Association, International Federation for Home Economics, Phi Delta Kappa, Omicron Nu and Phi Upsilon Omicron (National Home Economics honor society).

She was preceded in death by her husband, Robert, in 1979, and is survived by four daughters: Babette De Cou, Terry Westfall, Heather and Jennifer Crabtree.

In lieu of flowers, the family has requested that donations be made to the Sandra Crabtree Scholarship Fund, c/o Home Economics Department, Cal Poly.

Area representatives selected for U.S. Savings Bonds Drive

The following individuals have agreed to serve as area representatives for the U.S. Savings Bonds drive in March. They are John West (School of Agriculture), Tania Shwetz (School of Architecture), Kenneth Walters (School of Business), Janis Woolpert and Carol Druey (School of Communicative Arts and Humanities), Sharon Berlage (School of Engineering), Sharon Sutliff (School of Professional Studies and Education), Pamela Parsons (School of Science and Mathematics), Dorothy Wiley (Library), Carol Clifford and Joe Risser (Business Affairs), Stan Bernstein (University Relations), Bonnie Brady (Academic Affairs), Ed Naretto (Plant Operations), Carl Wallace (Student Affairs), and Larry Voss (Administration).

State payroll employees also may receive assistance from Barbara Melvin, Mary Smith or Jan Pieper in the Personnel Office. Foundation employees should contact their Personnel Office for help.

All faculty and staff should have received packets of information describing the benefits of the program. If you have any questions, or if you need additional information, please contact any of the above individuals.

'84 AID campaign sets giving record

A record total of more than \$43,000 was raised during the Fall 1984 AID-Neighbors Helping Neighbors Fund campaign at Cal Poly. The total is a significant 24 percent over the amount collected in Fall 1983.

In making the announcement President Baker thanked the 617 state and foundation faculty and staff members who contributed. He also singled out the AID captains for a "job well done."

In a related development Dixie Adair Budke, executive director of the AID-Neighbors Helping Neighbors campaign, announced that Mary Smith, campus coordinator, will be presented with a Good Neighbor Award at the group's annual appreciation banquet.

Funds raised in the campus drive are distributed by AID-Neighbors Helping Neighbors to non-profit youth and service agencies operating in San Luis Obispo County plus those specific charities designated by the contributors.

Cal Poly judging team wins

Cal Poly won the 1985 California Intercollegiate Meat Judging Contest. It was held recently at Harris Ranch Beef Co. near Fresno, Cal Poly finished in front of a field of nine college and university teams from California and two from New Mexico.

Austrian officials to speak March 15

Dr. Thomas Klestil, Austrian ambassador to the United States, and Robert Graf, president of the Federal Chamber of Commerce/State of Burgenland, will speak at Cal Poly on Friday, March 15. The talks at 11 am in the Cal Poly Theatre, will be sponsored by the Economics and Political Science Departments. The program is free, and the public is welcome.

Klestil's topic is "Austria Between East and West," and Graf will discuss "Austrian Economic Development: U.S.-Austrian Foreign Trade." The Austrian dignitaries are in San Luis Obispo as part of a visit by the Mozarteum Orchestra of Salzburg. A concert is planned for Saturday, March 16, at 8 pm in Cuesta College Auditorium.

Kuhn appointed acting PA Director at CSU

Chancellor W. Ann Reynolds has appointed Roger Kuhn, as acting director of public affairs for The California State University. Kuhn has been serving as communications director of the Arizona Education Association.

Judith Elias, who had been director of Public Affairs at CSU has resumed her position as director of public affairs at CSU Northridge.

Sculptor to speak March 14

A sculptor who has been described as "outrageous," "controversial," and a "provocateur," will show slides of his work in the next program of the 1984-85 Arts and Humanities Series.

Clayton Bailey, chairman of the Art Department at California State University, Hayward, will look at the "The Role of the Robot in the Artist's Studio" at 11 a.m. on Thursday, March 14, in UU 220. The theme for the series is "Imagining the Imagination: The Varieties of Contemporary Creativity."

Bailey's alter ego, Dr. Gladstone, will make an appearance at 8 o'clock that evening with a slide-show presentation of "Ceramics: Great Potential for Mischief." That program is scheduled in San Luis Lounge.

CSU plan to reduce remedial programs

A plan to significantly reduce the need for remedial programs in The California State University has been presented to the system's trustees.

Through a series of annual target goals, CSU will work with other educational segments to decrease by more than three-fourths the number of students in remedial English and mathematics courses by fall 1990.

In 1984-85, about 15,000 students were found to need remediation upon entering CSU either as beginning freshmen, as transfer students or as adults resuming their educations.

The goal by 1990 is to improve student performance so that 88 percent of regularly admitted first-time freshmen meet entry-level standards in writing and 92 percent meet them in mathematics, and at the same time maintain commitments to improve ethnic minority representation.

A major ingredient of the plan is to execute cooperative arrangements with community colleges, where feasible, to offer remedial courses on CSU campuses.

To improve the preparedness of incoming students, the plan carries forward the trustees' commitment to increase course requirements for admission starting in fall 1988 and to explore a common course pattern for all California students aspiring to a baccalaureate degree.

Additional aspects of the plan:

*Review high school courses certified as college preparatory to assure consistency with CSU definitions.

*Sponsor diagnostic tests in high schools in math beginning 1985-86 and in writing beginning 1986-87.

*Test students' basic skills competence prior to matriculation in CSU and encourage pre-college remediation beginning fall 1986.

*Expand existing reports to high schools on their students' grades and performance on basic skills tests and in the freshman year beginning fall 1985, and provide assigned time for CSU faculty to consult with school districts which wish further explanation of student performance data beginning fall 1985.

*Encourage development, beginning fall 1985, of junior and senior high school curricular frameworks and text selection for college preparatory courses that are consistent with stated competencies for college.

*Increase opportunities for secondary school faculty to improve their understanding of and ability to teach college preparatory courses beginning fall 1986.

*Strengthen pre-service teacher education by raising standards for performance in writing and the teaching of writing for CSU teacher credential candidates beginning fall 1986.

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Typewritten, double-spaced copy may be submitted for *Cal Poly Report* by close of business the Thursday prior to the next publication.

Who, What, When, Where?

Alan Yang, *Activities Planning*, delivered a keynote address, "Developmental Trends in Student Activities," at the first sub-regional meeting of the Association of College Unions-International, in Hilo, Hawaii. He also presented workshops on conflict resolution and decision-making.

Artemis Papakyriazis, *Economics*, has had an article, "On Decisions of Reducing Externalities: An Adaptive Control Approach," accepted for publication by the *International Journal of Resource Management and Optimization*.

Brent Hallock, *Soil Science*, has been elected president of the state chapter of the Soil Conservation Society of America. At the same time, **Royce Lambert**, *Soil Science*, was elected councilman for the state.

Starr Jenkins, *English*, will have his play, "Morelos of Mexico: Man of Hopes," reviewed by *Western American Literature*, a quarterly journal.

Royden Nakamura, *Biological Sciences*, published a paper, "Aguculture Development in India: A Model," in the February issue of *BioScience*.

William Little, *Foreign Languages*, has been appointed a Reader by the Educational Testing Service for the 1985 Reading of the AP Examination in Spanish. The reading will take place during the second week of June.

Judith Gray, *Theatre and Dance*, had an article, "A Conceptual Framework for

the Study of Dance Teaching," in the Winter 1984 issue of *Quest*.

Lezlie Labhard, **Sandra Swart**, and **Kathy Friend**, *Home Economics*, coordinated an all-day tour of the textiles-clothing/merchandising industry in Berkeley/San Francisco.

Alfred M. Bachman, *Mathematics*, discussed "Problem-solving Strategies to Improve Motivation and Raise Achievement in Algebra" at the Western Regional Conference of the National Council of Teachers of Mathematics in San Diego.

Wesley J. Mueller, *Crop Science*, had a paper, "Gravitropism in Higher Plant Shoots. II. Dimensional and Pressure Changes During Stem Bending," in the December issue of *Plant Physiology Journal*.

Gary Field, *Graphic Communications*, was recently elected a Fellow of the Institute of Printing. The Institute, a British professional society, has a worldwide membership drawn from the printing and allied industries.

Willie Coleman, *Activities Planning Center*, published an article, "The Woman's Era: 1894-97," in the Fall 1984 issue of *SAGE*.

"Stars, Songs, Faces," an artistic collaboration of four Cal Poly faculty: **Pam Miller**, *Speech Communication*; **Cynthia Nazzaro**, *Theatre and Dance*; **Dan Piel**, *Art*; and **John Russell**, *Music*, will be exhibited through the end of February at the Cal Poly Pomona University Library Gallery.

Ilene Rockman, *Library*, published an article, "Microcomputer Circulation in Libraries," in the December 1984 issue of *Library Software Review*.

Karl D. Lilje, *Engineering Technology*, served on the Design Review Committee for the 10-meter telescope to be built by UC Berkeley and Caltech on Mauna Kea, Hawaii, and is editor of committee report sections on "Subsystem and System Testing" and "Implementation Plans." The group met in Berkeley Jan. 28-30 to discuss plans for the \$80 million instrument, twice the size of the telescope on Mt. Palomar, and expected to be operational in 1991.

Cornel Pokorny, *Computer Science*, has presented a paper, "A Low Redundancy Electronic Generator for 6300 Chinese Characters," at the 1985 International Conference on Chinese Computing in San Francisco.

Ilene Rockman and **Paul Adalian**, *Library*, have written an article, "Student Success in Using Microfiche to Find Periodicals," for the January 1985 issue of *College and Research Libraries*.

Abraham B. Shani, *Management*, published an article (co-authored), "The Effects of Full Time vs. Part-Time Employment Status on Attitudes Toward Specific Organizational Characteristics and Overall Job Satisfaction," in the December 1984 issue of the *Academy of Management Journal*.

Dateline

(\$) - Admission Charged

(!) - Admission Free

FRIDAY, MARCH 8

Men's Tennis: Cal State Bakersfield. 2 pm. (!)

Upcoming Quarter Break Trips: Havasu backpacking in the Grand Canyon Area, mountaineering up Mt. Shasta, river rafting down the Rogue River in Oregon, canoeing along the Colorado River in Arizona, spelunking along the Stanislaus River Canyon or cross country/downhill skiing at Lake Tahoe. All sponsored by ASI Outings. Details in the Escape Route, UU 112 or call ext. 1287. (\$)

Exhibit: "A FACULTY CLUB FOR CAL POLY?" features proposals by 4th year architecture students for a faculty club on campus. Behind the main stairs in the Kennedy Library. Continues through March. (!)

SATURDAY, MARCH 9

Men's Tennis: Cal State L.A., 11 a.m. (!)

Women's Gymnastics: SLO Invitational: CS Northridge, UC Santa Barbara, Cal Poly Pomona, Sacramento State, Main Gym, 7 pm. (\$)

Concert: Cal Poly's Annual Winter Concert, Chumash, 8 pm. (\$)

SUNDAY, MARCH 10

Mountain Bike Trials: Practice your mountain bike riding skills. Beginner, intermediate and advanced categories. Sponsored by ASI Outings and Cal Poly Wheelmen. Sign up and details in the Escape Route, UU 112, or call ext. 1287. (\$)

TUESDAY, MARCH 12

Homestead Project: Build an authentic log cabin in them thar' hills. Meetings at 11 am Tuesdays in the UU Craft Center, UU 111. (!)

Women's Tennis: Cal State Bakersfield, 1:30 pm. (!)

Baseball: Westmont College, SLO Stadium, 2:30 pm. (\$)

Boatperson Training: Learn white water river running techniques. Sponsored by ASI Outings. Meet at the Escape Route, UU 112 at 5:45 pm. (!)

WEDNESDAY, MARCH 13

Softball: Cal State Northridge, SLO Stadium, 1 pm. (\$)

Men's Tennis: Swarthmore College (PA), 2 pm. (!)

THURSDAY, MARCH 14

Speaker: Clayton Bailey (Cal State Hayward) will discuss "The Role of the Robot in the Artist's Studio" as part of the Arts & Humanities Lecture Series, UU 220, 11 am. (!)

University Club: Rod Neubert (ASI) will discuss "A Trip with Rod Neubert," Staff Dining Room, noon. (!)

FRIDAY, MARCH 15

Speakers: Dr. Thomas Klestil (Austrian Ambassador to U.S.) will discuss "Austria Between East and West," and Robert Graf (President of Federal Chamber of Commerce/State of Burgenland) will discuss "Austrian Economic Development: U.S.-Austrian Foreign Trade." Cal Poly Theatre, 11 am. (!)

Bike Tour: Need to stretch your legs? Join this trip to Napa Valley sponsored by ASI Outings. Continues through Sunday. Details in the Escape Route, UU 112, or call ext. 1287. (\$)

SATURDAY, MARCH 16

Exhibit: Flower Show, UU, 10 am-7pm, continues on Sunday, 10 am-3 pm. (\$)

Men's Tennis: Westmont College, noon. (!)

Position Vacancies

Vacant staff positions at Cal Poly State University and the Cal Poly Foundation are announced in this column and are posted outside the respective offices. Contact those offices (State: Adm. 110, 805-546-2236—Foundation: University Dining Complex, 805-546-1121) for applications and additional position details. Both Cal Poly and the Foundation are subject to all laws governing affirmative action and equal employment opportunity. All interested persons are encouraged to apply.

State

CLOSING DATE: 3-15-85

Clerical Assistant III-A,
\$1378-\$1632/month, Microcomputer/
Telecommunications Services.

Candidates for positions on the faculty of the university are presently being sought, according to Jan Pieper, director of personnel and employee relations.

Those interested in learning more about the positions are invited to contact the appropriate dean or department head. This University is subject to all laws governing Affirmative Action and equal employment opportunity including but not limited to Executive Order 11246 and Title IX of the Education Amendments Act and the Rehabilitation Act of 1973. All interested persons are encouraged to apply.

CLOSING DATE: 3-20-85

Lecturers (part-time), salary commensurate with qualifications and experience; approximately \$6,724 to \$11,156 per quarter depending on time base, Economics. Pool to be established of qualified individuals interested in part-time teaching assignments during the 1985-86 academic year. Teaching area is Principles of Economics. Qualifications include an advanced degree in economics; teaching experience preferred.

CLOSING DATE: 4-1-85

Lecturers, salary commensurate with qualifications and experience, Engineering Technology, for 1985-86 academic year. Teach BSET courses in air conditioning, electronics, mechanical, manufacturing or welding technology. B.S. and industrial experience are minimum requirements; M.S. preferred.

CLOSING DATE: 4-15-85

Rodeo Coach (10-month lectureship position; non-tenure track), salary range \$17,040-\$22,056, Agricultural Management, beginning Fall Quarter of 1985-86 academic year. Coach of men's and women's teams to teach rodeo classes and manage entire rodeo program. B.S. degree required; NIRA and/or PCRA experience required; Master's degree preferred.

Lecturers, salary commensurate with qualifications, experience and time base, Management, part-time for 1985-86 academic year and 1986 Summer Quarter. Pool to be established of individuals interested in part-time positions; quarter-by-quarter assignments will be made from this list. Positions may be available in the general areas of management, human resources management, international management, production management, industrial relations, and management information systems. Minimum requirement is a Master's degree in appropriate discipline; Ph.D. in appropriate discipline preferred.

Assistant Professor, salary commensurate with qualifications and experience, Philosophy, 1985-86 academic year. Duties include teaching courses in critical thinking and in classic and early modern texts; possibly upper-division and interdisciplinary courses. Ph.D., teaching experience, and strong background in history of philosophy required.

CLOSING DATE: 4-26-85

Lecturer(s) salary commensurate with qualifications and experience, Landscape Architecture, full time leave replacement for 1985-86 academic year. Responsibilities include teaching in core subject areas of design, construction, graphics, planting design/irrigation, professional practice, site analysis and computer application. Duties also include committee participation and advising students. Degree in landscape architecture required with Master's degree and/or significant teaching/practice experience preferred.

CLOSING DATE: 4-30-85

Lecturer, Ornamental Horticulture, for 1985-86 academic year. Duties and responsibilities may include teaching undergraduate courses in landscape design, landscape construction, plant materials, and other undergraduate courses in ornamental horticulture; also includes advising students on production and senior projects. A Master's degree in appropriate discipline is required; Ph.D. in appropriate discipline plus related professional experiences in the ornamental horticulture industry and teaching experience preferred.

Lecturers (part-time), salary commensurate with qualifications, experience and time base, Ornamental Horticulture, for the 1985 Summer Quarter and the 1985-86 academic year. Pool to be established of individuals interested in part-time positions; quarter-by-quarter assignments will be made from this list. Positions may be in the general areas of landscape design, plant propagation, plant materials and other undergraduate courses in ornamental horticulture. Minimum requirement is a Master's degree in appropriate discipline; Ph.D. in appropriate discipline preferred.

CLOSING DATE: 5-1-85

Department Head, salary commensurate with qualifications and experience, Accounting, School of Business. Responsible for all facets of departmental operation for a faculty of 14 persons. An appropriate doctorate is required. Professional certification, especially CPA and/or CMA, are highly desirable. Candidates must have an established record of teaching excellence and scholarly accomplishment appropriate to appointment at a senior faculty rank. Evidence of administrative ability is desired.

Lecturers (part-time), salary commensurate with qualifications and experience, Industrial Technology. Positions available Summer Quarter 1985 and 1985-86 academic year. Duties include teaching in the areas of wood, metal, plastics, electronics, and industrial management. Master's degree preferred; B.S. in related technical field with substantial and appropriate industrial experience will be considered.

CLOSING DATE: 5-1-85 or until filled

Tenure Track Position, salary commensurate with qualifications and experience, Engineering Technology, available September 1985. Teach BSET courses in welding, power sources, procedure qualification, NDE, welding metallurgy, and codes. Pertinent technical-level American industrial experience required. M.S. in engineering or technology preferred, but B.S. with PE considered.

CLOSING DATE: 5-17-85

Lecturer(s), salary commensurate with qualifications and experience, Landscape Architecture, part-time positions for 1985-86 academic year. Responsibilities include teaching in core subject areas of design, construction, graphics, planting design/irrigation, professional practice, site analysis and computer application. Duties also include committee participation and advising students. Degree in landscape architecture required with Master's degree and/or significant teaching/practice experience preferred.

Off-campus vacancies

Information on the administrative vacancies listed below can be obtained from the Placement Center, Heron Hall, ext. 2501.

Vice President for Academic Affairs, University of Wisconsin System. Application deadline: May 8, 1985.