

**CAL
POLY
REPORT**

California Polytechnic State University
San Luis Obispo, California 93407

January 8, 1981
Volume 32, Number 17

PETER LEE WILL HEAD CIVIL ENGINEERING

A specialist in soil mechanics who has been at Tulane University since 1973 will begin new duties as head of the Civil Engineering Department at Cal Poly. Peter Y. Lee of Metairie, La., was appointed to the post by President Warren J. Baker, who said Dr. Lee began his assignment on Monday (Jan. 5).

President Baker said Dr. Lee's appointment was recommended by Robert G. Valpey (Dean, Engineering and Technology), Hazel J. Jones (Vice President for Academic Affairs), and a faculty committee. The new department head will succeed Stuart Larsen, who has been acting department head for the past 15 months. Larsen plans to return to a full-time teaching assignment.

Dr. Lee is a graduate of National Taiwan University, where he earned his bachelor's degree in civil engineering. He completed his studies for both the master's and doctor's degrees, also in civil engineering, at Tulane University.

In addition to his involvement with the soil mechanics laboratory, Dr. Lee was a member of Tulane's civil engineering faculty from 1973 until early this month. Beside teaching courses in soil and fluid mechanics, computer programming, strength of materials, and

hydraulics, he was an elected representative on the university's senate, a member of the Committee on University Budget Review, and faculty advisor to the student chapter of the American Society of Civil Engineers.

Before moving to Tulane, Dr. Lee spent five years at South Dakota State University, where he taught similar courses and was responsible for operation of the university's Soils Engineering Laboratory. Prior to that, he was a teaching and research assistant at both Tulane and National Taiwan University.

Dr. Lee has written a number of reports, journal articles, and professional papers. He is a member of the American Society of Civil Engineers and the Society of Sigma Xi, and has been honored on four occasions for outstanding accomplishments as an engineer and teacher. The most recent came in 1979 when ASCE presented its Outstanding Service Award to him.

Before that, he had received the Harold A. Levey Award for outstanding professional achievement from the Society of Tulane Engineers, the Teacher of the Year Award of the College of Engineering at South Dakota State, and the Civil Engineering Research Award of the Chinese Institute of Civil Engineering.

Tenure notice

Hazel J. Jones (Vice President for Academic Affairs) has announced that the date for announcement of third, fourth, fifth, and sixth year reappointments and tenure actions has been changed from Jan. 10 to Feb. 5. Faculty will receive their notification on the latter date. This change was necessitated by lack of time to do a thorough review for these important personnel decisions.

Rape awareness programs

As part of a program instituted by the CSUC Chancellor's Office, a program of rape awareness programs will be offered for Cal Poly faculty and staff members. Auxiliary organization employees are also invited to participate. Developed by the Public Safety Office in cooperation with the Personnel Office and various women's groups on campus, the program will be offered twice. Times in the Cal Poly Theatre are from 10 am to noon on Tuesday (Jan.13) and from 1 pm to 3 pm on Wednesday (Jan. 14).

The programs will cover various aspects of rape, and how to avoid and prevent it. Among the topics to be discussed are: "Legal and Moral Aspect of Rape", "Awareness and Prevention", "Self Defense", "The University and County Rape Protocol". There will be a film shown, titled "Rape, Escape Without Violence", and time for questions will be provided. Take away materials will also be distributed.

Student Affirmative Action Advisory Committee appointments announced

President Warren J. Baker has endorsed nominations forwarded and has appointed the following persons to membership on the Student Affirmative Action Advisory Committee for the terms indicated:

Member/Department	Representing	Term
Student Affirmative Action Coordinator (Chair) - (to be hired)		Ex officio
Linda Atwood, Academic Planning (Interim Chair)	Academic Affairs	1980-82
Armando Pezo-Silva, EOP	Student Affairs	1980-82
Carl Wallace, Counseling	Student Affairs	1980-81
James Tseng, EL/EE	Academic Senate	1980-81
Don Grinde, History	Academic Senate	1980-82
Alice Loh, Landscape Architecture	University President	1980-82
Gail Jacobson, Chemistry	University President	1980-81
Yolanda Elena Medina, Student	Associated Students, Inc.	1980-81
Johanna Brown, Library	EOAC (nonvoting)	Ex officio

Arrangements for community representation on the committee will be the responsibility of the Student Affirmative Action Coordinator.

(cont. on page 2)

Armadillo String Quartet scheduled for Quintessence concert

The Armadillo String quartet will be the third concert in the Quintessence Fine Arts concert series on Friday (Jan. 16) at 8:15 pm. The Cal Poly Theatre performance will feature four soloists who band together for the purpose of quartet concertizing. The concert is open to the public, with tickets at the door available for \$6. Student tickets are \$4.

First violinist Barry Socher plays with both the Armadillo and Arriaga String Quartets, and with the Arrakis Trio. He teaches at Pomona College and the University of Southern California's Idyllwild School of Music and the Arts. He is concertmaster for the Pasadena Chamber Orchestra, and has performed on a regular basis with the Los Angeles Philharmonic. As a composer, his works have been performed by the Young Musicians Foundation Debut Orchestra in Los Angeles, and the William Hall Chorale.

Steven Scharf, second violin, studied at University of Southern California. Among the musical organizations he has performed with are the California Chamber Symphony, Los Angeles Chamber Orchestra, Los Angeles Philharmonic (during their 1980 European tour), and the Bolshoi, American, and Royal Ballet Companies. A San Luis Obispo regular, he plays second violin in the Mozart Festival orchestra.

Raymond Tischer, who plays viola, is a member of the Mozart Festival orchestra, and is principal violist of the Pasadena Chamber Orchestra. He is presently pursuing a Doctor of Musical Arts degree at University of Southern California.

Cellist Roger Lebow studied at Brandeis University, University of California at Santa Cruz, and University of Southern California, where he studied in master classes with Gregor Piatigorsky. He has soloed with the Ventura and Palisades Symphonies, and with the Cal Poly Pomona University-Community Symphony. His chamber music appearances include recitals with the Cabrillo Music Festival and the Carmel Bach Festival. He is also principal cellist of the Santa Monica and San Fernando Valley Symphonies, and is cellist for the Arrakis Trio.

The final Quintessence concerts will be Janet Ketchum, flutist, and Linda Wood, harpist, on Friday, March 6, and pianist Anna Teng on Friday (Apr. 10). All performances are held in the Cal Poly Theatre at 8:15 pm. Quintessence is an annual series presented by the ASI Fine Arts Committee.

Student Affirmative Action Committee (cont. from page 1)

The Student Affirmative Action Advisory Committee is the primary group established to consult with and assist the Student Affirmative Action Coordinator in formulating policy to address the problem of underrepresentation of students who are ethnic minorities, low-income, women, or handicapped. The advisory committee will help ensure that there is cooperation between campus groups participating in Student Affirmative Action related activities and coordination of effort and information from various advisory resources listed below.

The Student Affirmative Action Advisory Committee will monitor the program and provide input from all concerned groups and individual members of the Cal Poly community and off-campus constituencies. The committee will provide recommendations on Student Affirmative Action via the Student Affirmative Action Coordinator to Malcolm W. Wilson (Associate Vice President for Academic Programs).

The following have been identified as resource advisers for this committee:

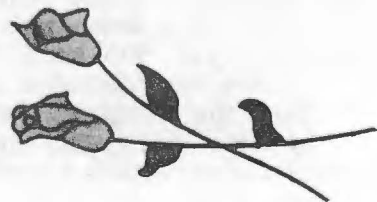
Dave Snyder	Admissions Officer
Smiley Wilkins	Coordinator, Affirmative Action
Charles Hicks	Coordinator, Career Development Center
James L. Aiken	Director (Acting), Counseling and Testing
Harriet Clendenen	Coordinator (Acting), Disabled Student Services
Armando Pezo-Silva	Director (Acting), Educational Opportunity Program
Steve Gallardo	Financial Aid Student Affairs Assistant
Patricia Stewart	Coordinator, Learning Assistance Center
Richard Equinoa	Director, Placement Center
Leonard Gonzales	Director, Relations with Schools

Floral designer to speak

George Smith, one of England's foremost experts in floral arrangements, will speak on the Cal Poly campus Monday (Jan. 19). Smith's appearance, being sponsored by the student chapter of the American Institute of Floral Design, will be held in the Cal Poly Theatre beginning at 7:30 p.m. Tickets for the event are priced at \$2 for students and \$3 for the public and are available at the ornamental horticulture sales unit and at the university union ticket office.

For the past several years Smith has been the supervisor of floral arrangements at the State Apartment of Badminton House, where England's royal family stays on occasion and where he has been a house guest.

Known for his great talent, sense of quality and ability as a raconteur, Smith has developed a reputation as a witty and informative lecturer.



Elvis Costello will perform

Cal Poly's ASI Concert Committee has scored a coup in the booking of a rock superstar whose first name is that of a deceased rocker, and the last name of half of a famous American comedy act. Elvis Costello and the Attractions will appear in the main gym on Sunday (Jan. 11) at 8pm as part of their English Mugs Tour. Opening act will be their Old China's Squeeze.

The public over the age of 18 is invited, with tickets set at \$6.50 in advance for students available only at the university union ticket desk, and a dollar more at the door. Public tickets are \$8 in advance with a door price at \$9.

Robert Hilburn, Los Angeles Times rock music critic, named two of Costello's 1980 albums to his top ten list for the year. "Get Happy" and "Taking Liberties" shared the number five spot on the list. "Taking Liberties" is a compilation disk of old and new unreleased singles by the British singer-songwriter.

Travel allowance and petty cash increased



James R. Landreth (Director of Business Affairs) has announced the following changes in authorized state travel reimbursement rates and petty cash purchase limits effective Tuesday (Jan. 6):

Lodging and Per Diem Allowance:

The lodging allowance for in-state and out-of-state travel has been increased from \$25 to \$29 bringing the total per diem allowance to \$50 for a full 24-hour period. In addition, a higher lodging allowance of \$35 has been approved for designated in-state high-cost areas. To be eligible for the higher amount, the employee must be required to travel to the downtown area of San Francisco, Los Angeles or San Diego, and must furnish a motel/hotel receipt for the day(s) of travel which bears one of the following zip codes:

San Francisco - 94102, 94104, 94108, 94109, 94111, 94133

Los Angeles - 90012, 90013, 90014, 90015, 90017, 90021, 90071

San Diego - 92101

Out-of-state lodging expenses in excess of the new \$29 allowance will continue to be reimbursed up to actual cost when receipts are furnished by the claimant. Per diem rates in effect as of Jan. 6 are as follows:

Lodging \$29 (or more, if receipt exceeding \$29 per night is furnished for travel out-of-state or to designated high cost areas)

Breakfast \$3.00

Lunch \$5.50

Dinner \$9.00

Incidentals \$3.50 (for each full 24-hour period, only).

Transportation Rates:

Private aircraft reimbursement has been increased from \$.24 to \$.28 per statute mile.

Petty Cash Limit Increased

Effective Jan. 6 the dollar limit on authorized purchases made by university departments without the use of purchase orders and reimbursed through petty cash has been increased from \$25 to \$50. This change is in response to the inflated costs of many smaller items used in university operations and will result in a reduction in the cost associated with preparation of purchase orders.

Winter Quarter play auditions

"Dial 'M' for Murder," the suspenseful play by Frederick Knott, will be the Winter Quarter production of the Speech Communication Department. Directed on film by Alfred Hitchcock, the mystery requires five men and one woman in the cast. Auditions for the production will be on Wednesday and Thursday (Jan. 7-8) from 7 to 11pm in Davidson Music Center 212.

The director and set designer, Murray Smith (Speech Communication), is looking for six people who can work in a close ensemble while developing their characters. "Timing and precision in speech and movement will be the main focus of our rehearsals," Smith said. Four of the men and the one woman will be required to use

standard British speech; the other man will be cast as an American. Smith said that previous experience in theater will be helpful but not necessary. His casting will depend on vocal expression and potential believability of the visual character.

"Dial 'M' for Murder" was first performed in 1952, and is essentially a detective story in which the "perfect" crime is solved. For those interested in reading the play before auditioning for the production, it is on reserve at the University Library.

The play will be presented on Thursday, Friday, and Saturday (Feb. 19-21) in the Cal Poly Theatre on campus. Curtain time for all three performances will be 8pm.

New textbook by Al-hadad

A college textbook titled "Agricultural Mathematics" has been authored by an associate professor at Cal Poly. Sabah Al-hadad's (Mathematics) latest textbook is the third of his career. In 1977, he published his first book, "Topics for Agricultural Mathematics," a book that is used at Cal Poly, and "College Algebra with Applications" was published in 1979.

The newest book made its debut this fall at Cal Poly. Currently, it is only available in the university's bookstore, but it will be more widely distributed next fall by Kendall/Hunt Publishing Co. of Dubuque, Iowa.

Dr. Al-hadad spent a year in Iraq where he was director of the Cooperative Training and Research Center for the Ministry of Agricultural Reform before joining Cal Poly's faculty in 1965. He received his bachelor of science degree in agricultural engineering from Texas Technological College in 1962 and his doctorate in secondary education with a minor in mathematics from Arizona State University in 1972.

Senior citizen program

Cal Poly is joining other campuses of the CSUC in implementing a special program under which persons 60 years of age and older can enroll in university courses without payment of registration fees. Dave Synder (Admissions Officer) said a limited number of admission spaces have been reserved for qualified senior citizens to be admitted as students.

In addition to the regular application and student services fees being waived mandatory student organization, student union, and health services fees have been reduced a total of \$3 per quarter for program participants. Synder said persons under the new program will be enrolled after the university's regular students have been registered for their courses.

Individuals interested in applying for admission or in learning more about the program, can do so by going in person to the Admissions Office in Adm. 206 or by telephoning Ext. 2311.



Alumni offer trips to Reno, Mexico & Japan

The Alumni Association is sponsoring three exciting trips this winter and spring that are open to faculty and staff as well as alumni and friends.

In January, there will be a weekend in Reno. Start out Jan. 30 from campus boarding a Greyhound bus to Oakland. There, ride a private rail car on Amtraks newly equipped San Francisco Zephyr to Reno via the snow-covered mountains and sensational sunsets of the Donner Pass. Arrive by early evening for two nights at the El Dorado Hotel/Casino. Cost is \$136 from San Luis Obispo including transportation, lodging, coupon book and baggage handling. There are limited spaces open on this trip, reservations must be made by Jan. 14.

A trip to Puerto Vallarta, Mexico kicks off Feb. 12 when Mexicana Airlines takes off from Los Angeles to the beaches of Puerto Vallarta for four nights and five days at Hotel Fiesta

Americana and a full-day catamaran "Bora Bora" cruise with music and open bar. Cost is \$495 per person double occupancy, including air transportation, hotel, airport transfers, baggage handling, tips and taxes. Round trip bus transportation is available from San Luis Obispo to Los Angeles for \$30 additional per person. Reservations must be made by Jan. 13.

A 21-day Japan adventure starts from LA International Airport to Tokyo for five days and four nights. Japanese families throughout the country will be hosts for the remainder of the tour to learn firsthand the culture and traditions of the Land of the Rising Sun. Cost for this experience is \$1,698 and includes airfare, hotels, surface transportation and most meals. Limited space is available for this trip which, sold out last year. For more information, call Alumni House at Ext. 2525.

Recreation facility use schedule

All open recreation facility times will be pre-empted for scheduled intramural or varsity athletic events. Any questions concerning daily activities, please call the Intramural Office Main Gym 100, Ext. 2040

Main Gym/Fieldhouse

Monday - Friday 7:30pm-12am
Saturday 10am-8pm
Sunday 12-10pm

Racquetball Courts *

Mon. - Fri. 12 noon-1pm
Mon. - Thurs. 4pm-12am
Friday 11am-12am
Saturday 10am-8pm
Sunday 12pm-10pm

Tennis Courts *

Mon. - Fri. 12 noon-1pm
Mon. - Thurs. 4pm-12am
Friday 11am-12am
Saturday 10am-8pm
Sunday 12pm-10pm

Outdoor Basketball Courts *

All times

Weight Room

Friday 11am-1pm
Mon. - Fri. 3pm-8pm
Saturday 11am-3pm
Sunday 1pm-5pm

Crandall Pool

Mon. - Fri. 6:45am-8am
(Early Bird Swim)

Tues. - Thurs. - Fri. 11am-1pm
(Disabled Swim ONLY)

Tues. - Thurs. 4pm-6pm
Mon. & Wed. 7:15pm-10pm
Saturday 2pm-4:30pm
(Family Swim, Under 16 with adult)

Outdoor Pool

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7:15pm-10pm
Saturday 1pm-4pm
Sunday 1pm-4pm

* Reservations taken in Room 100—Main Gym

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Vacant support staff positions have been announced by Robert M. Negranti, Staff Personnel Officer. Descriptions of the positions and other vacancies are posted outside the Personnel Office, Adm. 110, Ext. 2236. Contact the Personnel Office to obtain an application. The 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 Admendments Act and the Rehabilitation Act of 1973. All interested persons are encouraged to apply.

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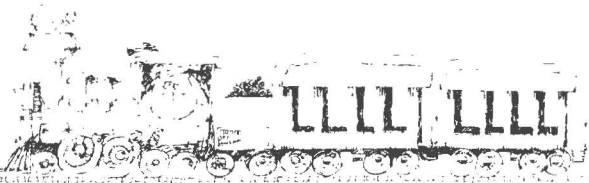
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FACULTY VACANCIES

Candidates for positions on the faculty of the University are presently being sought, according to Donald L. Shelton (Director of Personnel 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.

Lecturer, \$17,964-\$21,600/academic year; depending upon qualifications and experience, Psychology Department, School of Human Development and Education. Anticipated one-year replacement. Position available Fall 1981. A Ph.D. is required and two years of university teaching is preferred. Duties include participation in a team-taught introductory course as well as a combination of courses in the following areas: Behavior in organizations, environmental psychology, and effective study techniques. Closing date: 3/1/81.

Lecturer, \$17,964-\$21,600/academic year; depending upon qualifications and experience, Psychology Department, School of Human Development and Education. Anticipated one-year replacement. Position available Fall 1981. A Ph.D. is required and two years of university teaching is preferred. Duties include participation in a team-taught introductory course as well as a combination of courses in the following areas: Abnormal psychology, personal development, childhood disorders, and learning disabilities of children. Closing date: 3/1/81.

Lecturer, \$17,964-\$21,600/academic year 1981-82, Child Development and Home Economics Department, School of Human Development and Education. One-year leave replacement. Position available Fall 1981. Teach courses in nutrition, counsel students and assist with senior research projects. Applicants who are Registered Dietitians, have the doctorate and university teaching experience are preferred. Closing date: 3/2/81.

Assistant Professor, \$17,964-\$21,600/1981-82 academic year, Social Sciences Department, School of Communicative Arts and Humanities. Position available Fall Quarter 1981. Full-time tenure track position. Principal teaching duties require a strong background in Physical Geography. Demonstrated ability to teach climatology and a regional course on Asia or Africa would be helpful. Ph.D. in Geography. Closing date: 3/1/81.

Assistant/Associate/Full Professor, \$17,964-\$34,476/academic year, Architecture Department, School of Architecture and Environmental Design. Tenure track position available beginning 1980-81 academic year to teach Building Support Systems courses which include: Principles of design and selection of equipment for electrical, plumbing, HVAC, vertical transportation systems, and principles of utilization of alternative energy sources. Required is a Master's Degree in architecture or related field with emphasis on electrical or engineering consulting firms. Professional license, Ph.D., teaching experience at collegiate level and extensive practice preferred. Closing date: 3/6/81.

Intermediate or Senior Vocational Instructor (Assistant or Associate Professor) or Lecturer, \$17,964-\$27,252/academic year, Engineering Technology Department, School of Engineering and Technology. Salary and rank dependent upon experience and qualifications. Full-time position teaching lecture and laboratory courses in Electronics. Successful applicants must have the theoretical knowledge and practical skills to qualify for teaching basic courses as well as some of the emphasis areas of communication, digital circuits, microprocessors and minicomputers. Pertinent technical level industrial experience required. Master's degree in Engineering or Technology, teaching experience in Engineering Technology, and PE license given preference. Position available September 1981. Closing date: 3/20/81.

Intermediate or Senior Vocational Instructors (Assistant or Associate Professors) or Lecturers, \$17,964-\$27,252/academic year, Engineering Technology Department, School of Engineering and Technology. Salary and rank dependent upon experience and qualifications. Full-time positions teaching lecture and laboratory courses including basic mechanics (i.e., statics, dynamics) and graphics, plus at least one area of specialization from air conditioning and refrigeration, manufacturing processes, mechanical technology or welding. Pertinent industrial experience required. Master's degree in Engineering or Technology, teaching experience in Engineering Technology, and PE license given preference. Positions available September 1981. Closing date: 3/20/81.

Assistant Professors, \$17,964-\$21,600/academic year 1981-82, Child Development and Home Economics Department, School of Human Development and Education. Two tenure track positions available Fall 1981; one in Child Development and one in Family Studies. Teach courses in specialized area, counsel students, committee assignments, and assist with undergraduate research studies. Ph.D. and university teaching experience preferred. Closing date: 3/2/81.

Lecturers, \$17,964-\$34,476/academic year, Architecture Department, School of Architecture and Environmental Design. One-year lecturerships available 1981-82 academic year. Teaching areas include (a) two- and three-dimensional design and environmental awareness, (b) architectural design and practice, (c) environmental control systems and (d) computer applications. (1) Assistant Professor range (\$17,964-\$21,600/academic year). Required are Master of Architecture or other appropriate master's degree with at least one year professional practice experience; or professional degree and three years professional experience. Teaching experience at collegiate level and professional license are desirable. (2) Associate Professor range (\$22,620-\$27,252/academic year). In addition to qualifications for Assistant Professor, required are: A minimum of seven years collegiate level teaching and/or professional experience; and professional license. Research experience and publications desirable. (3) Professor range (\$28,560-\$34,476/academic year). In addition to qualifications for Associate Professor, required are: Extensive practice and/or teaching experience, publications and professional recognition/distinction. Closing date: 3/6/81.

Assistant/Associate Professor, \$17,964-\$27,252/academic year, Architecture Department, School of Architecture and Environmental Design. Tenure track positions available beginning 1981-82 academic year to teach Architectural Design, Practice and Design Fundamentals: Assistant Professor, three positions; Associate Professor, one position, (1) Assistant Professor, (\$17,964-\$21,600/academic year). Required are Masters of Architecture or other appropriate master's degree with at least three years professional practice experience. Teaching experience at collegiate level and professional license desirable. (2) Associate Professor (\$22,620-\$27,252/academic year). In addition to the qualifications for Assistant Professor, required are a minimum of seven years collegiate level teaching and/or professional experience; and professional license. Research experience and publications desirable. Closing date: 3/6/81.

Visiting Professor, \$17,964-\$34,476/academic year, Management Department, School of Business. Position available Fall Quarter 1981 and continuing through Winter Quarter 1982. Some possibility of extension of appointment through Spring Quarter 1982. Duties include teaching organization theory/analysis; planning and decision making; and international management. Applicants should have an earned doctorate with a major in Management; experience in industry, government, or management consulting desired. Closing date: 2/28/81.

WHO...WHAT..WHEN..WHERE???

Margaret J. Glaser, *Liberal Studies*, presented a paper titled, "Prediction, the Vital Link to Comprehension," at the 14th annual conference of The California Reading Association, held in Sacramento, November 6 - 8. She also co-presented a workshop for local council newsletter editors at the same conference.

Harry Fierstine, *Biology*, has recently been appointed new consumer member to the San Luis Obispo County Health Commission by the San Luis Obispo Board of Supervisors.

Patricia Breckenridge, *Ornamental Horticulture*, attended the 80th annual conference of the American Society of Landscape Architects in Denver, Col., November 22-25, with the educational theme Frontiers for the 80's: Response to Change.

Thomas T. L. Chou, *Electronic and Electrical Engineering*, attended the 14th Asilomar Conference on Circuits, Systems and Computers at Pacific Grove, November 17-19. The impact of emerging hardware on system design and on Electrical Engineering education was one of the focal points.

Katharine Barthels, *Physical Education*, recently participated in the Big Ten Universities Biomechanics Symposium at Indiana University, October 26-29. Topics presented and discussed included a variety of biomechanical research, computer modeling techniques, and sports equipment testing methodology.

Katharine Barthels, **Mary Stallard**, and **Marylinda Wheeler**, *Physical Education*, participated in the annual conference of the Western Society for Physical Education of College Women, held at Asilomar Conference Grounds, November 20-22.

Lance Harter, *Physical Education*, women's track and field and cross country coach, has been elected SCAA Conference "Coach of the Year" for 1980 cross country season. Harter had the same honor in 1979.

Martin T. Lang and Kempton L. Huehn, *Mathematics*, presented a demonstration and talk titled "Computer Graphics Programs for the Mathematics Classroom" at the Western Educational Computing Conference, November 20-21, in San Diego.

Locksley Geoghagen, *Educational Opportunity Program*, together with Yosef Ben-Jochannam of Cornell University, conducted a two-week tour of Egypt, August 1-20. Geoghagen, Dr. Ben-Jochannam and other members of the African Mystery System performed an ancient rite at the Temple at Karnak—a rite that has not been performed for more than two thousand years.

Locksley Geoghagen, *Educational Opportunity Program*, was the subject of an extensive interview to be published by *Sepia* magazine (December issue). Legrand H. Clegly II, a noted historian, conducted the interview in which Geoghagen gave a detailed analysis and historical documentation on the African origins of the major Western religions. Included in the article are many rare photographs, drawings and inscriptions collected from museums and shrines around the globe.

Russell H. Brown, *Dean of Students*, recently gave a presentation titled, "The Future of Student Personnel," at the annual California College Personnel Association/Student Personnel Association of California (CCPA/SPAC) Conference held at the Asilomar Conference Center, Nov. 23-25, 1980.

Calvin Wilvert, *Social Sciences*, was elected to a three year term on the Board of Directors of the California Council for Geographic Education.

Kenneth Schwartz, *Architecture*, gave the keynote address for Growth Conference III, Our Rural Lands - Pressures, Conflicts and Solutions, November 14, at Rancho El Chorro.

Carolyn Shank, *Physical Education*, attended the California Society of Park and Recreation Educators Conference, November 14-15 and presented a special session on innovative teaching techniques.

Ken Barclay and Dennis Byrne, *Activities*, presented a workshop at the annual Recreation Conference held on Saturday, November 22 at Cal Poly. The title of their presentation dealt with the University Union and Campus Recreation. The program was geared to an audience made up of individuals from the armed services recreation areas and correctional facilities' recreational programs.

Alfred M. Bachman, *Mathematics*, has been appointed by Ruth Hadley, Commissioner, to Chair an Instructional Materials Evaluation Panel (IMEP) in San Luis Obispo. Bachman will select a panel of teachers at various grade levels to evaluate mathematics textbooks for use by California school children Grades K-8 for the next six years, 1981-1987. The panel is one of those which will be established in seven areas of the State. The IMEP will make recommendations to the State Board of Education. The San Luis Obispo Panel will be formed immediately and complete its work in June, 1981.



**THINK
SAFETY!
In The Office**

Cal Poly Report copy intended for the next issue should be submitted in typewritten form to Betty Holland, Adm. 210, Ext. 2576, prior to 12 noon on Mondays.

Cal Poly Dateline is compiled by the Public Affairs Office, Adm. 401, Ext. 2246, and is published on Mondays. Typewritten copy intended for the next issue should be submitted to Cathy Burt, Adm. 401, prior to 12 noon on Wednesday.

Publications Editor: Fred Wolf, Ext. 2158, Adm. 210.

encouraging notes

January 8, 1981

CARE GRANT DEADLINE - A REMINDER. The CARE Grant deadline for AY 1980-81 is 5:00 p.m. Friday, January 16. Application forms and guidelines are available in the Research Development Office.

NSF/ISEP PREPROPOSAL DEADLINE - A REMINDER. Faculty intending to submit proposals for the February 27 deadline for the National Science Foundation's Instructional Scientific Equipment Program are reminded that preproposals are due in the Research Development Office on Friday, January 9.

- * NSF - LOCAL COURSE IMPROVEMENT. Word has been received that the National Science Foundation will fund the Local Course Improvement (LOCI) program this year. This program provides funds for one or several faculty to improve or update a course in the sciences or social sciences, to improve the preservice education of teachers of science and mathematics, to improve the opportunities for minorities, women, and the handicapped to obtain an education in science through the undergraduate level. NSF will award up to \$30,000 for a LOCI project, with Cal Poly matching one dollar for every two from NSF.

RECEIPT DEADLINE: February 15, 1981.

- * ASEE: NASA/NAVY/DOE - SUMMER FACULTY PROGRAMS. The American Society for Engineering Education is co-sponsoring a series of summer faculty research programs with the National Aeronautics and Space Administration, the U.S. Navy, and the Department of Energy. Tenure averages 10 weeks at any of a variety of research stations, ranging from the Naval Research Laboratory in Washington, D.C., to Goddard Space Flight Center at the University of Maryland. Stipends are \$450 per week.

RECEIPT DEADLINE: February 1, 1981

- ** S.B.A. SETS DATES FOR ECONOMICS RESEARCH. The Small Business Administration has set the following postmark deadlines for proposals for research in a variety of economics areas.
1. February 27 *MACROECONOMICS - including studies on capital markets; inflation, recession and interest rates; and public finance.*
 2. March 31 *MICROECONOMICS - including studies on managerial economics; industrial organization; and market imperfections and competitive disequilibrium.*
 3. April 30 *DYNAMIC STUDIES AND RELATED DATA REQUIREMENTS - including studies on women; minorities; data base needs of small business; employment, training, and job creation; the life cycle of firms; and behavior of small versus large firms during the business cycle.*

- * E.D. - CONSUMERS' EDUCATION PROGRAM. The Department of Education's CONSUMERS' EDUCATION PROGRAM will fund programs to assist a variety of groups to develop and carry out innovative special projects designed to help people function more effectively as consumers and in their roles as consumer-citizens. Applications should emphasize projects which are designed to serve as models or which build an organization's long range capacity to provide consumers' education. Approximately \$3,617,000 will be available to support new projects in FY 1981. An estimated 50-55 projects will be supported, at an average award of about \$45,000.

POSTMARK DEADLINE: February 2, 1981

* Guidelines and/or Application Forms Available in the Research Development Office.

** Information Requested/Available Soon.

* NSF - SCIENCE IN DEVELOPING COUNTRIES. The objective of the National Science Foundation's Science in Developing Countries program is to strengthen science and engineering cooperation with developing countries according to mutual benefit. Projects in low- and middle-income developing countries of Africa, Asia, and Latin America (including Caribbean) will be considered for support. Each proposal must identify a host-country counterpart scientist or engineer and a counterpart institution. Counterpart institutions may be local, regional, national, or international in character. Projects may involve multiple sites and may involve more than one foreign country. The following categories of awards are made to U.S. institutions which sponsor S.D.C. projects:

1. RESEARCH PARTICIPATION GRANTS to support: (a) the participation of U.S. scientists or engineers in a research project in an eligible, developing country; (b) the participation by scientists or engineers from an eligible developing country in an appropriate U.S. - based research project; or (c) a combination of these. Grants will normally fall within the range of \$35,000 to \$50,000 per year of support.
2. CONFERENCE GRANTS to support national, regional, and international: (a) Seminars that are research oriented and focused on developing-country problems; (b) Workshops concerned with the planning and initiation of cooperative research activities; or (c) Colloquia at which U.S. and counterpart scientists or engineers who are involved with state-of-the-art research explore the applications of science and technology to development problems. Grants will normally fall within the \$15,000 to \$30,000 range.

DEADLINE: March 1, 1981

** E.D. - BILINGUAL EDUCATION. The Department of Education's Office of Bilingual Education and Minority Language Affairs plans to make over 50 awards, ranging from \$50,000 to \$150,000 for training projects and four new awards of \$250,000 to \$500,000 each for support service projects.

DEADLINE: February 13, 1981

* DOE/SERI - FACULTY EXCHANGE PROGRAM WITH SAUDI ARABIA. The Department of Energy's Solar Energy Research Institute, in cooperation with the government of Saudi Arabia, has announced a faculty exchange program in the field of solar energy. The purposes of the program are to promote interaction between scientists and engineers and to provide them an opportunity to teach or carry out research beneficial to universities in both countries. They may be asked to teach undergraduates and graduate courses in their area of expertise and may be involved in research in solar or solar-related areas.

DEADLINE: January 30, 1981

** NSF - RESEARCH ON SOCIETAL RESPONSE TO EARTHQUAKES. The National Science Foundation's program for Research on Societal Response to Earthquakes and Other Natural Hazards and Disasters addresses issues involved in one or more of the following categories:

1. SOCIAL AND ECONOMIC ASPECTS OF MITIGATION - Research to identify the socio-economic factors that influence the adoption and implementation of mitigation measures; the costs, benefits, and other consequences of adopting such measures; and their relative effectiveness.
2. PREPAREDNESS - Research on the plans that individuals, groups, organizations, and communities can develop for handling disaster-generated problems.
3. DISASTER IMPACTS AND RESPONSES - Post-disaster audits and analyses of disaster events in terms of extent of losses; long-term effects of major disasters; long-term responses and adjustments; and alternative approaches for providing relief and rehabilitation.
4. HAZARD AND DISASTER INFORMATION DISSEMINATION - Research on the effectiveness of existing information dissemination programs; the role and influence of the mass media; awareness and use of research results and how to obtain information.