

CAL POLY REPORT

California Polytechnic State University
San Luis Obispo, California 93407

October 19, 1978

Volume 30, Number 10

Solar Dryer to be evaluated

The U.S. Department of Energy has approved \$168,473 in additional funding for a faculty team at Cal Poly to complete a contract for a demonstration solar heating project. Design and construction of the half-acre facility, located just outside Fresno, was carried out by the Cal Poly interdisciplinary team in two earlier phases which totaled \$813,889 and brought total funding for the project to \$982,362.

The third and final phase of the contract calls for the faculty team to complete evaluation of the system, one of the nation's largest solar heating demonstration projects, by April 1979. The USDOE contract is with the Cal Poly Foundation.

Headed by Edgar J. Carnegie (Agricultural Engineering) the Cal Poly team will monitor the system for temperatures and flow rates in the solar collectors and the storage and dehydrator system. The solar heating system is being used to provide most of the heat for one of the drying tunnels at a dehydration plant owned by Lamanuzzi and Pantaleo Co.

International Programs change

Effective Oct. 5, John B. Connely, coordinator, Liberal Studies, was appointed as Campus Coordinator for the C.S.U.C. International Programs local campus office. Dr. Connely's office is located in Library 211 and his phone number is Ext. 2935.

New President for Alumni Association

M. Richard Andrews of Santa Barbara has been elected president of the Cal Poly Alumni Association. Andrews, vice president of Paine, Webber, Jackson & Curtis, Santa Barbara, and a member of the Cal Poly Alumni Association's board of directors since 1969, will fill the remaining unexpired term of former association president John J. Lucin of Saratoga. Lucin resigned the position because of a promotion requiring that he relocate his residence to the East Coast. Andrews' term of office will expire in March, 1979.

President Robert E. Kennedy, commenting on Andrews' selection as president of the university's alumni association, noted the growth that has been recorded by the association over the last four years. "I know Richard Andrews had a lot to do with a number of the association's accomplishments during that time. I am sure the association will continue its growth under his leadership." Andrews, who



M. Richard Andrews

was elected during a special vote of the association's board of directors, received his bachelor's degree in business administration from Cal Poly in 1956. He is a leader in the Santa Barbara business community.

La Bounty inaugural at Poly Pomona

Hugh O. La Bounty, Jr. will be inaugurated as president of California State Polytechnic University, Pomona during formal ceremonies on Tuesday (Oct. 31). The ceremonies will be held in the Pomona campus gymnasium at 11 am with Chancellor Glenn S. Dumke of The California State University and Colleges, inaugurating La Bounty. Russell G. Mawby, president of the W. K. Kellogg Foundation in Battle Creek, Michigan, will be the inaugural speaker. The inauguration is

the keynote event of Cal Poly's 40th anniversary and will include a procession of representatives of educational institutions in full academic regalia.

Dr. La Bounty began his tenure at Cal Poly in 1953 as an English teacher, then developed and chaired the campus' first English department. Since 1955, he has served the university as chairman of social sciences and coordinator for teacher education, dean of the college and vice president for academic affairs.

Privacy rules implemented

In order to comply with recent legislation on privacy, an Information Practices Officer has been appointed for Cal Poly and an inventory of personal record systems has been completed as the first phase of compliance under the new legislation. J. Philip Bromley (Emeritus Professor) has been appointed as the interim Information Practices Officer.

Currently being developed is a set of procedures which will serve as guidelines for implementing the provisions

of the Information Practices Act including measures to protect the privacy of individuals who are the subjects of university records. In general, practices and procedures for accessing personal records of employees and students will continue as under previous legislation and as provided in the *Campus Administrative Manual*. Anyone desiring information about the provisions of the Information Practices Act may contact Bromley at Ext. 2887.

Teacher programs approved

The California Commission for Teacher Preparation and Licensing has granted Cal Poly the highest level approval for teacher education programs. The programs assessed and granted standard approval are: Special Education, Reading Specialist, Multiple Subject, Single Subject, and Pupil Personnel Services. All four programs were approved by the Commission in 1973 for implementation at the campus.

Each program during its first five years of operation must be externally assessed by a team of individuals including students, community people, school administrators, professional organization representatives, and professionals from other campuses. The team determines if the program is being operated as outlined in the written approved plans. Thirty-three persons visited the campus for four days last year to make the assessments.

Open pool times

The outdoor pool located behind the P.E. Building is open to staff, faculty, and their dependents college age and above during the following days and times: Monday through Thursday from 7 pm to 9 pm and Saturday and Sunday from 1 pm to 4 pm. Crandall (indoor pool) is open to staff, faculty, and their dependents, any age, Monday through Friday from 5 pm to 6 pm and Friday and Saturday from 7 pm to 9 pm.

Future of libraries studied

Johanna B. Brown, head of the Automated Retrieval and Interlibrary Loan Department of the University Library, has been appointed to the Bibliographic Standards Task Force of the California State University and Colleges' Library Development Advisory Committee. This systemwide technical working team will be responsible for the long-range development of a library data base of uniform bibliographic records in accordance to accepted national bibliographic standards to be adopted by the libraries of the nineteen CSUC campuses.

The Task Force, which includes members from nine campuses and the

AID-United Givers Drive

The campus AID-United Givers drive is currently under way with the deans, division heads and vice-presidents selecting captains. President Robert E. Kennedy will address all captains at an orientation session scheduled for Monday (Oct. 30) at 10:15 am in Staff Dining Room B. Coffee and rolls will be served. This will be the only orientation session for this year. All captains are urged to attend.



Radio programs feature education

A new discussion program to be broadcast by Radio Station KCBX-FM, 90.1 MHz., San Luis Obispo, on Monday, (Oct. 23) following National Public Radio network's "Options in Education" series will feature four members of Cal Poly's student affairs staff. Russell Brown (Dean of Students), David Snyder (Admissions Officer), Carl Wallace (Director of Educational Opportunity and Disabled Student Services) and Smiley Wilkins (Affirmative Action Coordinator) will discuss the effect of the U.S. Supreme Court's recent decision in the Bakke case. Titled "Spotlight on Education," the new KCBX-FM program series will be broadcast regularly from 7:30 pm to 8 pm on Mondays. Air time for the new NPR series is 6:30 pm each Monday.

Football program gets support

Weekly sports luncheons and a pre-game barbecue are being sponsored to support Cal Poly's football program. The luncheons are held Wednesday noon at the Motel Inn, with coach Joe Harper and team members giving a review of the previous week's game and a scouting report on the upcoming opponent. The no-host luncheon is a Mustang Boosters activity.

The Mustang Boosters and the Cal Poly Alumni Association are also sponsoring a pre-game barbecue in Poly Grove from 5 pm to 7 pm this Saturday (Oct. 21). The game, vs. Cal State, Northridge begins at 7:30 pm. The public is invited to the barbecue, which is priced at \$3.50 for adults and \$2 for children under 12.



Rape awareness seminars

Two panel discussions designed to increase the awareness and understanding of problems associated with rape will be presented at Cal Poly on Wednesday and Thursday (Oct. 25 and 26). Scheduled for 11 am in University Union 220, the programs are being presented by the university's Student Affairs Division. Admission will be free and both students and persons from the community are invited to attend, according to Lorraine Howard and Nancy Jorgensen, who are coordinating the programs.

Dr. Howard, associate dean, women, said panel participants will include the university's director of public safety, Richard Brug, Leslie Esselbach, supervising nurse at San Luis Obispo County General Hospital; Dr. Gloria Ballinger, consultation and education coordinator for San Luis Obispo County Mental Health Services; Luella Hershey, president of the San Luis Obispo Rape Crisis Center; and a representative of the San Luis Obispo Police Department. Mrs. Jorgensen, on the staff of Cal Poly's Counseling Center will be the moderator. Additional information about the programs can be obtained by telephoning Dr. Howard, Ext. 2491, or Mrs. Jorgensen, Ext. 2511.

Sabbatical leaves projected

According to Donald L. Shelton (Director of Personnel Relations) a list of eligible faculty members and the number of sabbatical leaves tentatively allocated to the schools for the 1979-80 academic year has been forwarded to each school dean. The distribution of the 31 sabbatical leave positions requested in the 1979-80 budget for the campus is based on the ratio of faculty eligible for sabbatical leave in each school to the total eligible at the university.

Shelton reports that for the 1979-80 academic year the tentative distribution of positions is as follows:

Schools/Division	No. of Positions
Agriculture and Natural Resources	5
Architecture and Environmental Design	2
Business	2
Communicative Arts and Humanities	5
Engineering and Technology	4
Human Development and Education	3
Science and Mathematics	9
Division of Social Sciences	1

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It should be noted that these allocations are tentative and are based on the proposed budget. Allocation to schools will be confirmed when the 1979-80 budget is approved in June or July of 1979. Faculty members are reminded that applications for sabbatical leave and difference-in-pay leave must be submitted to their respective department head by Nov. 1. Application forms may be obtained in the Personnel Office.

Veteran's Day Holiday

This is a reminder to all personnel that Friday (Nov. 10) is an academic holiday and the campus will be closed. All staff, administrative, 10-month and 12-month academic employees, as well as faculty members will be on holiday status. Saturday (Nov. 11) is Veteran's Day and CAM Section 381.3 provides that "If November 11 falls on a Saturday, the preceding Friday is a holiday." Therefore, the only personnel required to work will be those performing those duties that are necessary to maintain needed emergency and essential services.

Les Brinegar will speak

Les Brinegar of the state Office of Special Education will be the featured speaker for a public program on special education that will be presented on Thursday (Oct. 19) at Cal Poly. Scheduled to begin at 7:30 pm in the Cal Poly Theatre the program is being sponsored by the Education Department, and the campus and San Luis Obispo County Chapters of the Council for Exceptional Children. Admission will be free.

Walter P. Schroeder (Head, Education) said increasing interest in education and training for exceptional children and adults is being recognized and has provided the impetus for Thursday evening's lecture. He described Dr. Brinegar, who is administrator of resources development for the Office of Special Education, as "one of the most knowledgeable persons in the field of special education."

Books at High Noon

Judy Saltzman (Philosophy) will discuss *The Learning Society* by Robert M. Hutchins (LB 875 H975) at the Books at High Noon program Tuesday (Oct. 24) at 12 noon in the Staff Dining Room. Dr. Saltzman was a Junior Fellow in 1968-69 at the Center for the Study of Democratic Institutions in Santa Barbara which was founded by Dr. Hutchins. *The Learning Society* was a major topic of conversation at the Center. Written in 1968, the book is considered to be the culmination of Hutchins' philosophy of education. The author emphasized the fact that education should create whole persons to be responsible citizens in a republic. The program will be a review of the book and personal reminiscences of Dr. Hutchins as an educator, scholar, and man.



Fake doctor causes trouble

Schemes, plots, and plans revolve around Ed Cardoza who plays Sganarelle, the principal role in "The Doctor in Spite of Himself," Cal Poly's fall presentation of the 17th century farce by Moliere. Directed by Michael R. Malkin (Speech Communication) the play's scheduled run is Thursday, Friday, and Saturday (Nov. 2, 3, and 4) in the Cal Poly Theatre. Curtain time will be 8 o'clock each evening.

Cardoza, a junior biological sciences major from San Luis Obispo, heads a cast of 11 actors in his role of a woodcutter who is mistaken for a doctor in a country town. A vengeful plot of his wife's places Sganarelle in a tangle of farcical situations which could lead to his being hanged. Cardoza was in the San Luis Obispo High School production of "The Doctor in Spite of Himself" and has also played in "You're A Good man Charlie Brown" and "Sherlock Holmes" since enrolling at Cal Poly.

Martine, Sganarelle's shrewish wife, is played by Karen Brosi of Clovis. A senior mathematics major, she was

stage manager for "You're A Good Man Charlie Brown" and assistant director of "Endgame," last year's Spring Quarter production at Cal Poly. Others in the cast include Brian Tomlinson as Geronte and Kim Crumley as Lucinde, a rich man and his daughter who is suffering from a mysterious illness; Kirt Kisting as Valere and Michael McHugh as Lucas, two servants sent out to find a doctor; Donald Burns as Leandre, Lucinde's secret lover; Julie Harders as Jacqueline, wet nurse to Lucinde and reluctant wife to Lucas; Danny Cardiel and Mike Kotraba as Thibaut and Perrin, a peasant and his son seeking medical advice; and Dave Safina as M. Robert, neighbor to Sganarelle.

Tickets for the play will be sold in advance on a reserved-seat basis. They will be available beginning Monday (Oct. 23) at the University Union ticket office. Remaining tickets for individual performances will be sold at the theatre box office before curtain time on Nov. 2, 3, and 4.

STAFF VACANCIES

Full-Time Counselor (s), \$6.35-\$8.75/hr., Counseling Center Services is seeking experienced counselors for part-time work in the 1978-79 academic year. There is a need, periodically, for help in the area of counseling, Career Counseling, Learning Assistance, and Testing up to 20 hours per week. Masters in Counseling or have appropriate experience in the above areas. Salary will be adjusted according to assignment. Closing date: 11-2-78.

Student Affairs Assistant II, \$1263-\$1519/month, Financial Aid Office. Functions involve financial aid counseling, advising, application evaluation, award processing and specialized activities assigned by the Director. Requires a Bachelor's Degree with at least two years of experience in financial aid counseling and need analysis, or a Masters Degree and one year of similar experience. Must have knowledge of related laws and regulations; must be able to relate to students, colleagues, faculty, staff and non-campus individuals. Closing date: 11-2-78

Public Safety Dispatcher, \$890-\$1066/month, Police Section, Public Safety Dept. Duties and Responsibilities: Receiving information, complaints, requests, and signals from a variety of communications equipment; receiving visitors, answering questions, taking complaints and relaying information; maintaining complaint, arrest, radio message and station activity logs; preparing monthly statistical reports, and routine correspondence. Requirements: 2 yrs. full-time clerical experience with public contact, typing 40 wpm., General Clerical Test and CPS Dispatcher Clerk Test. Hours: 4 pm to midnight. Closing date: 11-2-78

Student Affairs Assistant I, \$1101-\$1322/month, Activities Planning Center. Typical advisor responsibilities may include concerts, speakers, films, Homecoming, Rally Committee, ASI elections, student organizations, craft center, outdoor recreation, bulletin board supervision, student govt. display cases. Prefer Bachelor's degree with 3 yrs. experience or Master's degree in Counseling & Guidance or related field. Experience should be in student activities at college level. Ability to relate effectively. Hours: 8-5 M-F, considerable evening and weekend assignments. Closing date: 11-16-78

FACULTY VACANCIES

Assistant Professor/Associate Professor (positions, contingent on funding) **\$14,256-\$21,624/year, dependent on qualifications and experience,** Chemistry Department, School of Science & Mathematics. Position available September 1979. Duties: teaching lectures and labs in specialty and general chemistry. Ph.D. Biochemist, Inorganic Chemist, Organic Chemist. Closing date: January 2, 1979

Assistant Professor, \$14,256-\$17,136 annually, Mathematics Department, School of Science and Mathematics. Duties and responsibilities include teaching a minimum of 12 hours per week of undergraduate mathematics courses, including some night classes, student advisory activities, and committee assignments. Opportunity to teach upper division and graduate courses in specialty as one progresses. Doctorate in Mathematics or a closely related field required. Specialization or experience in Applied Mathematics and/or Mathematical Programming preferred. Teaching experience at a career-oriented university is desired. Position available commencing Fall Quarter, 1979-80. Closing date: February 1, 1979

Lecturer, \$14,256-\$17,136 annually, Mathematics Department, School of Science and Mathematics. Duties and responsibilities include teaching a minimum of 12 hours per week of undergraduate mathematics courses, including some night classes. Applicants must possess the Doctorate in Mathematics or a closely related field. Teaching experience at a career-oriented university is desired. Position available commencing Fall Quarter 1979-80. Closing date: February 1, 1979

Lecturers, \$4,752-\$7,208/quarter, based on 15-unit load and will be adjusted according to assignment. Graphic Communications Department, School of Communicative Arts and Humanities. In the

event of openings during the Winter, Spring and Summer Quarters 1979, recruitment is anticipated for full and/or part-time lecturers in the following teaching areas: printing management, offset technology (camera, plate, image assembly and press) and other printing specialty areas. Duties: teaching lecture and lab classes to students at all levels as well as senior project advising. Industrial experience required. Bachelor or Masters degree preferred. Positions contingent on available resources. Closing date: October 31, 1978

Assistant Professor, \$14,256-\$17,136/year, Speech Communication Department, School of Communicative Arts and Humanities. Teach courses in oral interpretation, including children's literature, and in fundamentals of speech. Assist in direction of large diversified forensic program. Ph.D., coaching experience in forensics and administrative skills required. Preference given to applicants with undergraduate teaching experience. Closing date: December 15, 1978

Lecturer, \$10,416-\$11,424, beginning January 2, 1979, for Winter and Spring Quarters. Electronic and Electrical Engineering Department, School of Engineering and Technology. Strong interest in teaching basic circuits and machines. Recent industrial experience desirable. Minimum educational requirement: M.S. in EE. Closing date: November 15, 1978

Temporary, Full-Time Lectureship, \$1188-\$1428/month, January 2-June 9, 1979. Salary dependent on qualifications and experience. Chemistry Department, School of Science and Mathematics. Duties: teaching in service courses and general chemistry, perhaps course in specialty. Ph.D. chemist preferred; applicants with Ph.D. coursework completed acceptable. Closing date: November 13, 1978

FOUNDATION VACANCIES

Special Services Supervisor, \$765-\$916, Food Service. A 12-month position supervising large volume fast food operations. Duties include staffing and scheduling of 11 full-time employees plus 100 student workers, ordering and preparation of food products, insuring quality and quantity controls, and maintaining good customer relations. Requirements: High school graduate and three years of volume food service experience including one year of proven capability to supervise full-time and student employees. Closing date: 11-2-78

Accounting Technician, \$871-\$1042, Business Office. Maintain complex accounting records, perform account analysis and closings, prepare journal entries and perform other accounting and business office duties as assigned. Education: High School graduation and a minimum of six semester hours of college level accounting classes are required. Experience should include at least three years progressively responsible accounting duties. Closing date: 10-26-78



ENCOURAGING NOTES

October 19, 1978

PROPOSAL DRAFTS FOR DISCUSSION IN WASHINGTON. The Coordinator, Research Development, will be in Washington, DC, the week of November 6. If you have a prospectus or proposal for a sponsored activity you would like him to discuss with an agency program officer, please send it in writing to the Research Development Office by Friday, October 27.

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NATIONAL SCIENCE FOUNDATION - ENGINEERING RESEARCH INITIATION GRANTS. This program is directed toward full-time engineering faculty members who are at the professorial level and have had no substantial research support. Applicants are encouraged to submit proposals in areas which will expand their research capabilities beyond the research done for the doctoral degree. Grants awarded on a competitive basis, are to be used for the initiation of theoretical and/or experimental research projects in any area normally supported in the Division of Engineering and the Metallurgy and Materials Section of the Division of Materials Research.

Those eligible to apply are assistant or associate professors of engineering who received their doctoral degree in calendar year 1977 or 1978, or as early as 1974 if they spent the intervening time either in the U.S. Armed Services or industry.

Under Option A grants, the investigator will devote at least one-fourth time during two academic years and full-time (two months) during each of the two summer terms to the research. Nominal duration of grants will be two years, with possible renewal for an additional two years. Budgets for a two-year period should not exceed \$32,000, including indirect costs.

Option B grants focus on stimulating cross-fertilization between university and industry as an encouragement for such collaboration early in a researcher's career. The implementation of these research efforts will require close coordination between the principal investigator and his or her industrial counterpart, with the likelihood of increased effort in experimentation and design. Thus, the \$32,000 limit will apply only to the University part. An additional \$32,000 can be considered for the industrial effort.

For information on projects in specific areas, contact personnel in the following sections: Electrical Sciences and Analysis (202-632-5881); Engineering, Chemistry and Energetics (202-632-5867); Engineering Mechanics (202-632-5787), and Metallurgy and Materials (202-632-7406).

Applications must be postmarked by *DECEMBER 1, 1978*, which is fifteen days later than the deadline previously announced at NSF.

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USOE - DISCRETIONARY GRANT PROGRAM DEADLINES. The U. S. Office of Education has published a listing of receipt deadlines for direct and discretionary grant programs for January and February of FY 1979 as follows:

1/5/79	Community Education Program
1/8/79	Graduate and Undergraduate International Studies Programs
1/8/79	Program for the Gifted and Talented/Leadership Personnel Training
1/8/79	Program for the Gifted and Talented/Model Projects
1/10/79	Handicapped Children's Early Education Program/Demonstration



RESEARCH DEVELOPMENT • ADMINISTRATION 317 • TELEPHONE 546-2982

USOE - DISCRETIONARY GRANT PROGRAM DEADLINES (continued)

1/12/79 Education for the Use of the Metric System of Management
 1/12/79 Domestic Mining and Mineral Fuel Conservation Fellowships
 1/31/79 Teacher Center Program
 1/31/79 National Reading Improvement Program/Reading Academy Program
 1/31/79 National Reading Improvement Program/Reading Improvement Projects
 2/27/79 National Reading Improvement Program/State Leadership and Training Program
 2/28/79 Women's Educational Equity Act Program

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DEPARTMENT OF ENERGY - UNSOLICITED RESEARCH. The Department of Energy (DOE) considers unsolicited proposals that explore a method, approach, or idea, or that carry out research and development and, if necessary, commercial demonstrations not duplicative of work already underway by DOE. Regulations now permit educational institutions to submit unsolicited proposals in any area of interest to DOE.

Unsolicited proposals may be submitted by nonprofit research organizations, educational institutions, and nonprofit research organizations that conduct educational and training activities. Proposals may be submitted at any time, and should follow the format suggested in DOE's Guide for the Submission of Unsolicited Proposals, available in the Research Development Office.. The Guide also lists the program areas with research emphasis and the contacts at DOE for being put on a mailing list. Proposals take at least six months for review.

DOE also issues Program Research and Development Announcements (PRDA), which outline an area of research, but not in sufficient detail to warrant a competitive bid on a specific Request for a Proposal. These are announced in the Commerce Business Daily and also through channels at DOE.

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*** SSRC - FELLOWSHIPS AND GRANTS. The Social Science Research Council has announced its program of Fellowships and Grants to be offered in 1978-79. Individuals requesting application forms must provide SSRC with the following information so that potential eligibility can be determined: (a) brief but explicit statement of proposed training program or research project; (b) geographical area of interest; (c) proposed site of training and research; (d) occupation or current activity, university or other affiliation; (e) country of citizenship and/or permanent residence; (f) academic degrees held, specifying disciplines or fields of study; (g) if currently working for a doctoral degree, the date of completion of all requirements except the dissertation; (h) the proposed date for beginning tenure of the award and duration requested; (i) for postdoctoral grants, the approximate amount of support requested; (j) if requesting forms for a collaborative grant, the academic qualifications of the collaborator. For further information and forms, contact: Social Science Research Council, Fellowships and Grants, 605 Third Avenue, New York, NY, 10016, (212) 557-9500. The programs and deadline dates are:

11/1/78 Fellowships for International Doctoral Research
 11/15/78 Postdoctoral Grants for Research on Foreign Areas
 12/15/78 Postdoctoral Research Training Fellowships

* Guidelines and/or applications available in Research Development Office.

*** Contact agency directly.