



Volume 21, Number 10

October 6, 1970

## "FUTURE IN SPACE" WILL BE ASTRONAUT'S TOPIC ON FRIDAY EVENING

"Our Future in Space" will be the topic when Astronaut Walter Cunningham addresses an audience at Cal Poly Friday (Oct. 9) evening. The program, to which the public, as well as students, faculty, and staff of the college, is invited, will take place in the Cal Poly Theater beginning at 8:15 p.m. Admission will be free.

Cunningham's appearance at Cal Poly is part of a two-day visit to the San Luis Obispo area. He is scheduled to address a gathering of Rotary Club members earlier Friday evening in San Luis Obispo, and will serve as marshal for the Harvest Festival parade in Arroyo Grande the following morning.

The 38-year-old National Aeronautics and Space Administration astronaut received world-wide recognition in October, 1968, when he piloted the lunar module for the 11-day flight of Apollo VII with Walter Schirra and Donn Eisele. He has logged 260 hours in space and more than 3,800 hours of conventional flying time.

For his achievements in the U. S. space exploration program, Cunningham has received a number of major awards including the NASA Exceptional Service Medal and the Haley Astronautics Award of the American Institute of Astronautics and Aeronautics (AIAA). He shared the AIAA honor in 1969.

### Graduate of California Schools

A native of Iowa who attended public schools in California, Cunningham is a graduate of University of California at Los Angeles, where he earned both his bachelor's and master's degrees in physics. He has completed all requirements for his doctor's degree except the thesis, also at UCLA. Cunningham is an associate fellow of AIAA and a member of the Society of Experimental Test Pilots and American Geophysical Union.

Prior to becoming part of the third group of astronauts selected by NASA in 1963, Cunningham, who now considers Santa Monica to be his home, served on active duty as a pilot in the U. S. Marine Corps, and worked as research scientist specializing in problems of the Earth's magnetosphere for the Rand Corporation.

As part of the Apollo VII crew, he was involved in a flight that covered 4.5 million miles and concluded with a splashdown that was but 3/10 of a mile from the expected splashdown site. The spacecraft found an orbit with an apogee of 153.5 nautical miles and a perigee of 122.6 miles above the Earth's surface for its 11-day flight, the first manned test flight of third-generation spacecraft in the nation's space exploration program.

The astronaut's appearance at Cal Poly is being co-sponsored by the college's Convocation and Speakers Coordinating Committee and its student chapter of AIAA.



#### CAL POLY BULLS TOP PERFORMANCE TRIAL

The five Cal Poly bulls entered in the 1970 range bull rate-of-gain performance trial led the 10 pen entries at the conclusion of the trial on Oct. 1. The pen had a performance index of 104.40 topping the entry of E. Merlo and Son of Gazelle by .36.

Bull No. 16 in the Cal Poly pen had a performance index of 120.31. The next highest bull was an entry of W. S. Orvis and Sons of Farmington with an index of 114.02.

The Cal Poly bulls had an average daily gain during the test of 1.85. The 60 bulls in the test had an average performance score of 100.15 and an average daily gain, on test, of 1.82.

The bulls will be sold at auction at the Beef Pavilion on campus beginning at noon on Oct. 19.

#### CLOONAN WINS FIRST STAFF CLUB DRAWING

Clifford B. Cloonan (Electrical Engineering Department) won the first drawing in the Cal Poly Staff Club's membership drive contest. Cloonan's prize is dinner for two and overnight accommodations at the Madonna Inn. A drawing for dinner for two and an overnight stay at the San Luis Bay Inn will be held on Oct. 15.

Cal Poly faculty and staff members still may obtain memberships in the Staff Club. Those buying memberships prior to the next drawing will be included in that drawing and the drawing for the grand prize, a trip to Las Vegas.

#### FLU SHOTS OFFERED BY STUDENT HEALTH SERVICE

Flu shots are again being offered to members of the college faculty, staff, and student body by the Student Health Service. Dr. Billy Mounts (College Physician) reports that faculty and staff who wish may obtain the shots at a cost of \$1 by contacting Mrs. Pat Eilers (Nurse) in the Immunization Room of the Student Health Center, weekdays between 8 and 11 a.m. and 1 and 3 p.m. The shots have been prepaid by students.

#### DEFENSIVE DRIVING SESSIONS SLATED TODAY, TOMORROW

Defensive driver training sessions are scheduled for today and tomorrow (Tuesday and Wednesday, Oct. 6 and 7) from 3 to 6 p.m. in the Engineering Auditorium. Interested persons may attend either of the two sessions, according to an announcement from the Business Affairs Division. Faculty, staff or students cannot drive state vehicles without having successfully completed the Defensive Driver Training Program. This week will be the only time these sessions will be offered during the Fall Quarter.

#### RODEO CLUB COMPETITION PLANNED FOR FRIDAY EVENING

Cal Poly's national championship rodeo team members will perform during the first intramural rodeo of the year at Collet Arena on campus, at 7:30 p.m., on Friday (Oct. 9).

Charles Simmons of Squaw Valley, rodeo chairman for the Rodeo Club, said that participation in the intramural rodeo is open to any Cal Poly student and attendance is open to the public. A \$1 admission charge will be collected from participants and spectators alike.



PROGRESS IN MINORITY HIRING AT CAL POLY REPORTED

Cal Poly has made progress in the recruitment of minority employees, according to Barry Welchel (Personnel Analyst), who is coordinating the minority trainee program.

Since the President's Council approved a policy on recruitment of minority employees a year ago, seven trainees have been placed in departments such as the Admissions Office, Business Administration Department, Computer Center, Economic Opportunity Program Office, Library, and Personnel Office. Four of the trainees subsequently passed the General Clerical Test upon re-testing and have now obtained regular staff positions; two are still in their six-month probationary period; and the seventh has become a full-time student.

Welchel, who supervises the program under the direction of Larry Voss (Director of Personnel Relations) said that "especially impressive is the fact that the trainees have raised their test scores an average of 30 points on the second testing. Furthermore, the trainees have obtained an average testing score which is equivalent to the 81st percentile.

"The performance ratings of the trainees have all been in the good to superior range, and our office considers the program a huge success."

Welchel said the Personnel Office is continually attempting to find additional training spots for the minority program and any supervisor who is interested in hiring a trainee for his department should contact Welchel in the Personnel Office, Adm-111, 546-2236.

CAPTAINS FOR A I D-UNITED GIVERS DRIVE APPOINTED BY PRESIDENT KENNEDY

Area captains for the AID-United Givers campaign were appointed by President Robert E. Kennedy last week. In his letter to the area captains, Dr. Kennedy emphasized "as part of the San Luis Obispo community for 69 years we have contributed in the past with talent, time, and money." Although the college community gave generously to AID last year amounting to \$17,770, the president continued, "we must not let down on our spirit or will to give assistance to our neighbors needing our help."

Over 150 area captains have been named to assist with the campus drive. Each captain will be responsible for contacting 10 designated persons. To help the captains in this effort, orientation sessions have been planned and will continue through the week. Mrs. Ruth Woll, division manager for AID-United Givers for San Luis Obispo County, will present the programs. This year the sessions will incorporate visual presentations of the effectiveness of the AID contributions throughout the 14 major charitable groups comprising AID.

The meeting scheduled for tomorrow (Wednesday, Oct. 7) will be held in the Staff Dining Room, Section B, from 3:00 to 4:00 p.m.; the one planned for Thursday (Oct. 8) will be held in Science E-27 from 11:10 a.m. to 12:10 p.m.; and the last session on Friday (Oct. 9) will be held from 3:30 p.m. to 4:30 p.m. in the Staff Dining Room, Section B.

The campus drive will start Oct. 12 and continue through Oct. 27.

Typewritten copy intended for the next issue of Cal Poly Report must be received prior to 12 noon Friday, Oct. 9, in the Office of Information Services, Administration 210.



C S C FULLERTON PRESIDENT NAMED TO SYSTEM-WIDE POST

Appointments of a new vice chancellor for academic affairs and a new system-wide dean of institutional research have been announced by Chancellor Glenn S. Dumke of the California State Colleges, to be effective Dec. 1, 1970.

President William B. Langsdorf of California State College at Fullerton will assume the vice chancellor position of R. G. Whitesel, whose request for assignment as dean of institutional research was approved by Chancellor Dumke.

The research post has been vacant since August when Arthur J. Hall returned to San Francisco State College to resume his teaching career. Since then Dr. Whitesel has assumed major responsibility for the Division of Institutional Research.

"President Langsdorf, as founding President at Fullerton, has applied skill, integrity and courage in advancing the campus to the ranks of our most respected and prestigious State colleges," Dumke said. "It is my intention to implement Presidential selection procedures at Fullerton as quickly as possible with a view toward assuring the campus a new President whose leadership qualities can equal those of Dr. Langsdorf's."

Chancellor Dumke announced the appointment of L. Donald Shields as acting president at Fullerton when Dr. Langsdorf begins a period of vacation.

Dr. Shields, born in September, 1936, has been vice president for administration at Cal State Fullerton, since 1967. A professor of chemistry, he joined the Fullerton faculty in 1963 after serving as a chemist with the U. S. Department of Agriculture and as a research chemist with Kelco Company.

The new acting president holds a bachelor's degree from the University of California at Riverside and a doctor's degree from the University of California at Los Angeles where he held a Dupont Teaching Fellowship. He is co-author of two chemistry textbooks and received a Distinguished Teaching Award in 1966.

EMPLOYEE IDENTIFICATION CARDS READY FOR USE

The Personnel Office now has a new supply of identification cards for employees. Those who did not receive them at the time they signed their documents and did not sign up on a list to have the card mailed to them are being asked to contact the Personnel Office, Adm-111, 546-2236. Those who signed the list will be receiving their cards through the campus mail within a week.

Since positive identification of employment at Cal Poly will be required for purchase of staff parking permits beginning with the Winter Quarter, it is important that all employees of the college have valid ID cards. Foundation department heads with employees under their supervision who need identification cards are urged to provide the Personnel Office with a list of those employees so that cards can be prepared.

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COMING EVENTS -- COMING EVENTS -- COMING EVENTS

Cal Poly Women's Club Sewing Section Meeting -- Tuesday, Oct. 6, 2 p.m., 289 Westmont Dr., San Luis Obispo. Regular meeting of section in the home of Mrs. Richard I. Leach. Members invited.

Defensive Driver Training Sessions -- Tuesday, Oct. 6, and Wednesday, Oct. 7, 3 p.m., Engineering Auditorium. Defensive Training Sessions for members of the college faculty, staff, and student body who plan to operate state-owned vehicles; attendance at one of the two sessions is required. Faculty, staff, and students invited.

Cal Poly Women's Club Newcomers Section Meeting -- Tuesday, Oct. 6, 8 p.m., Staff Dining Room. Section meeting for the purpose of welcoming wives of new members of the Cal Poly faculty and staff and women who are new members of the faculty and staff. Members and women who are new to the college faculty-staff family invited.

Physics Colloquium -- Thursday, Oct. 8, 11 a.m., Science Building Room E-27. Theodore C. Foster will discuss "Infinite Nuclear Matter" during program sponsored by the Physics Department. Faculty, staff, and students invited.

Personnel and Business Affairs Orientation -- Thursday, Oct. 8, 11 a.m., Staff Dining Room. Second of three orientation sessions on personnel and business affairs for new members of the faculty and staff of the School of Science and Mathematics, the School of Communicative Arts and Humanities, and other members of the faculty and staff. Faculty and staff invited.

Cal Poly Staff Club Luncheon Meeting -- Thursday, Oct. 8, 12 noon, Staff Dining Room. Informational program on Cuesta College bond issue, which will appear on Nov. 3 General Election ballot, presented by Board Member Ed Righetti and President Merlin Eisenbise of Cuesta College. Faculty and staff invited.

Cal Poly Water Polo -- Thursday, Oct. 8, 4 p.m., Swimming Pool adjacent to Men's Physical Education Building. Cal Poly vs. Fullerton College. Public invited.

Homecoming Queen Pageant -- Thursday, Oct. 8, 8 p.m., Cal Poly Theater. Pageant for the purpose of selecting a queen to reign over Cal Poly's 1970 Homecoming festivities; sponsored by the Homecoming Committee of Cal Poly's Associated Students, Inc. Public invited.

Intramural Rodeo -- Friday, Oct. 9, 7:30 p.m., Collet Arena. Rodeo competition featuring members of Cal Poly's 1970 National Intercollegiate Rodeo Association champion team and other students; sponsored by the Cal Poly Rodeo Club. Tickets - \$1.

Cal Poly Convocation Series -- Friday, Oct. 9, 8:15 p.m., Cal Poly Theater. Address by Astronaut Walter Cunningham of the National Aeronautics and Space Administration; jointly sponsored by Cal Poly and the campus student chapter of the American Institute of Aeronautics and Astronautics. Public invited.

Cal Poly Women's Club Foreign Student Picnic -- Saturday, Oct. 10, 12:30 p.m., Poly Grove. Annual picnic for Cal Poly foreign students staged by the Foreign Students Section of the Cal Poly Women's Club. Faculty and staff and members of their families, as well as Cal Poly foreign students, invited.

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FOREIGN STUDENT PICNIC, NEWCOMERS' GATHERING TOP WOMEN'S CLUB CALENDAR

The annual Foreign Student Picnic and a get-acquainted "happening" honoring all new faculty and staff wives and women employees of the college top the calendar of activities for Cal Poly Women's Club members during early-October. The "happening," being staged by the club's Newcomers Section, will take place tonight (Tuesday, Oct. 6) and the picnic, traditionally sponsored by the Foreign Students Section, is scheduled for Saturday (Oct. 10).

Being planned for an 8 p.m. start in the Staff Dining Room on campus, the Newcomers' Section event is expected to provide an opportunity for women new to the college faculty-staff family this year to learn more about the various special interest sections of the Women's Club and their plans for 1970-71. Also planned is a period when continuing members of the club will attempt to help newcomers find acquaintances from their hometowns or who have other common interests. Second-year newcomers are also being urged to attend and assist women who are new this year in obtaining rides.

Poly Grove will be the location for the Foreign Student Picnic. All foreign students and their families, as well as all members of the faculty-staff and their families, are invited to take part starting at 12:30 p.m. Friendship (host) families from the San Luis Obispo area are also being invited. Each family is asked to bring a hot dish and a salad or dessert for their family plus enough for four foreign student guests. Those wishing further information about the picnic are invited to contact either Mrs. Dean Piper (544-2127) or Mrs. Harold J. Watson (544-2097 or 489-3075).

COMING EVENTS . . . (Continued from Page 5)

Varsity Football -- Saturday, Oct. 10, 7:30 p.m., Mustang Stadium. Cal Poly vs. University of Nevada at Reno. Tickets - reserved seats, \$3.50; adult general admission, \$2.50; student general admission, \$1; children general admission, 50 cents.

Personnel and Business Affairs Orientation -- Thursday, Oct. 15, 11 a.m., Staff Dining Room. Last of three orientation sessions on personnel and business affairs matters for new members of the faculty and staff of the School of Agriculture and Natural Resources; the School of Business and Social Sciences; the School of Engineering and Technology; the Student Affairs, Business Affairs, Administrative Affairs and Academic Affairs Divisions; and other members of the college faculty and staff. Faculty and staff invited.

Cal Poly Staff Club Luncheon Meeting -- Thursday, Oct. 15, 12 noon, Staff Dining Room. A preview of Cal Poly football fortunes for the remainder of the 1970 season will be presented by Head Football Coach Joe Harper. Faculty and staff invited.

Folk Concert -- Thursday, Oct. 15, 7 p.m., Cal Poly Theater. Folk music concert featuring "Sherman Andreus and the Brethren;" sponsored by Cal Poly Intervarsity Christian Fellowship. Tickets - public general admission, \$2; student general admission, \$1.

International Reading Association Workshop -- Friday, Oct. 16, 6:30 p.m., and Saturday, Oct. 17, 8 a.m., Agriculture Engineering Building Room 123. Professional reading workshop for teachers from throughout San Luis Obispo County. Members invited.



MUSTANGS WILL ENCOUNTER POTENT UNIVERSITY OF NEVADA GRIDDEERS

The opposition should be much stronger than the past three weekends when Cal Poly's varsity grid team plays host to the Wolfpack of University of Nevada at Reno this Saturday (Oct. 10) evening. Game time for the contest, which will find the Mustangs going after their fourth victory of the 1970 season and fifth in succession dating back to last fall, will be 7:30 p.m. in Mustang Stadium.

Cal Poly Head Football Coach Joe Harper's charges made surprisingly easy work of San Francisco State College's Golden 'Gators last week. They took the opening kickoff and scored quickly on their way to a 62-6 win over the SFSC 11. Outstanding efforts were turned in by junior wide receiver Rick Renz, sophomore tailback Darrell Thornes, and quarterbacks Don Milan and Steve Bresnahan.

University of Nevada chalked up its third win of the 1970 campaign over Willamette University of Washington last weekend. The Wolfpack's earlier victories came over San Francisco State in the opening game of the season for both teams and University of California at Riverside.

Cal Poly's freshman football club made its 1970 season opener a happy one when it posted a 14-0 win over a winless Cuesta College 11 last week. The Colts, under the coaching of John Crivello, journey to Santa Clara for a Friday (Oct. 9) afternoon encounter with University of Santa Clara's frosh this week. They are not slated to action in Mustang Stadium again until Oct. 30 when they play host to the California Lutheran College freshman team.

The only other sports action slated on campus this week will find Coach Dick Anderson's water polo varsity hosting California State College at Fullerton's mermen in a match billed for 4 p.m., Thursday (Oct. 8), in the new swimming pool adjacent to the Men's Physical Education Building.

FACULTY ASKED TO ANNOUNCE PLACEMENT PROGRAM FOR STUDENTS

Members of the college faculty were asked this week to announce the forthcoming program on placement for senior students by John Sale, president of Tau Sigma, the honorary society for engineering students which is sponsoring the event. Speaker for the program, which will take place next Tuesday (Oct. 13) at 7:30 p.m., in the Cal Poly Theater, will be Eugene A. Rittenhouse (Director of Placement and Financial Aids). Sale said the program topic will be "Campus Recruitment." All seniors, as well as their husbands and wives, are invited to attend.

INFORMATION ON ADMINISTRATION POSITIONS AT OTHER COLLEGES AND UNIVERSITIES AVAILABLE

Information on the vacant administrative positions at other colleges and universities is available to those who are interested. It may be obtained by contacting the Placement Office, Adm-213, 546-2501. The positions currently available are:

California State College at Dominguez Hills -- Director of Graduate Study and Academic Resources, salary \$18,200 to \$22,500 annually, depending on experience, background and other qualifications.

Chico State College -- Associate Director, Educational Placement, salary \$821 to \$998 monthly, depending on background and experience.



VACANCIES ON SUPPORT STAFF OF COLLEGE LISTED BY PERSONNEL OFFICER

A pair of vacancies on the college support staff have been listed by S. Milton Piuma (Staff Personnel Officer). Both are posted on the bulletin board located in the Personnel Office, Adm-111, 546-2236. They are:

Custodian (\$487 - \$593), Custodial Department, Business Affairs Division. Duties include sweeping, scrubbing, mopping, waxing, and polishing floors. Knowledge of custodial methods, materials, chemicals, and equipment required. Work hours are 10:30 p.m. to 7:00 a.m., Monday through Friday.

Technical Assistant I (\$240 - \$292), Audio-Visual Department, General Administration. Works with faculty, staff, and students in scheduling, transportation, demonstration, and minor maintenance of video-tape equipment; occasionally supervises student assistants. Applicants must be familiar with principles of electricity and electronics and be able to work effectively with people. Position is budgeted for a maximum of 20 hours per week with work schedule fluctuating with department's needs.

O H DEPARTMENT SALE SLATED SATURDAY

Cal Poly faculty and staff members will have an opportunity to revitalize their home gardens as a result of the Home Beautification Sale to be held by students in the Ornamental Horticulture Department on Saturday (Oct. 10) from 8 a.m. to 4:30 p.m. in the O H Unit on Campus Way. The products offered for sale all have been grown in student enterprise projects.

Howard Brown (Head of Ornamental Horticulture Department) says there will be a special two-for-one price on trees, shrubs, house plants, and many other items. The annual Home Beautification Sale also will include annual flowering plants, miniature roses, ground covers, dry arrangements of autumn flowers, landscape plants, and tropicals.

C S E A CHAPTER BARBECUE SCHEDULED OCT. 16

Cal Poly Chapter 97 of the California State Employees Association will hold a barbecue for its members and their friends in Cuesta Park on Oct. 16. Tickets for the affair, which will begin at 5 p.m., may be purchased at \$2 each for adults and \$1.50 each for children, from the following CSEA members:

Boyd Wettlaufer (Audio-Visual Production Section), Mrs. Mary Johnson (Academic Vice President's Office), Dick Tartaglia (Chief of Plant Operations), Stuart Chestnut (Physical Education Department), Howard Rhoads (Crops Science Department), Mrs. Loraine Howard (Associate Dean, Women), Mrs. Peggy Sullivan (Food Services Office), Doris Anderson (Payroll Section), Mrs. Kay Patterson (Purchasing Office), Corwin Johnson (Crops Science Department), Bob Bostrom (Housing Office), Mrs. Barbara Weber (Home Economics Department), Dottie Munro (Administration Mail Room), and Mrs. Joan Stadt (Library).

Tickets for the Oct. 16 event, which replaces the Spring barbecue held by the chapter in recent years, may also be obtained from Mrs. Francine Hapgood (Business Affairs Division Office), Adm-114, 546-2171.



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

James Landreth (Associate Director, Budgeting and Business Affairs) attended a five-day course in college business management at University of California at Santa Barbara recently. Sponsored by the Western Association of College and University Business Officers, the course included discussions of management principles, college law, information systems, governmental relations, and auxiliary enterprises.

Paul Murphy (Mathematics Department) is one of six persons who were teaching assistants at Michigan State University last year, selected to receive \$500 Excellence-In-Teaching Awards by the university. The awards are made for "care and skill in meeting classroom responsibilities." Murphy joined the Cal Poly faculty at start of the Fall Quarter.

Walter P. Schroeder (Head of the Education Department) participated in meetings of the California Association of School Administrators Policy Commission held Sept. 24-25 in Burlingame. Dr. Schroeder is in his third year as a member of the group which determines policy for the state-wide association.

Norm Johnson and Keith Murray (both Audio-Visual Services) took part in the Advanced Technical Seminar in San Francisco late last month. The Jerrold DSD Systems Division conducted the course. Topics discussed included functions of the decibel, antennas and transmission lines theory, and the maintenance and operation of amplifiers, splitters, and tapes.

Dennis F. Frey (Biological Sciences Department) has received verification that all requirements for his Doctor of Philosophy Degree in zoology have been completed at Oklahoma State University. Dr. Frey began his duties as a member of the Cal Poly faculty last month after having been a teaching and research assistant at OSU and a teacher in Oklahoma high schools.

Morris Morgerman (Custodial Department) retired from his duties as a member of the college custodian staff on Sept. 30, after a reception held for him that afternoon. Morgerman joined the college staff in July of 1957. Outside obligations prompted his early retirement.

COLUMBUS DAY WILL BE REGULAR DAY OF OPERATION

Columbus Day, which is Monday (Oct. 12), will be a regular day of operation for Cal Poly students, faculty, and staff. That is, it will be a regular day with classes meeting as scheduled. Staff, administrative, and 10 or 12-month academic employees of the college will receive credit for compensating time off at a later date. A full summary of holidays scheduled during the remainder of the 1970-71 college year will appear in the next issue of Cal Poly Report.

DAIRY CATTLE, LIVESTOCK JUDGING TEAMS WIN AT PORTLAND

Cal Poly's dairy cattle and livestock judging teams took first place honors at the Portland International Livestock Exposition in Portland Saturday (Oct. 6). Members of the dairy cattle team were Ralph Grossi of Novato; Joe Alves of Gustine; and Tony Cunha of Laton. Members of the livestock team were Ernest Nunes of Sebastapol, Dan Byrd of Oakley, Dennis Hammett of Pleasanton, Edward Bright of LeGrand, and David Eckstein of San Lorenzo.





# RESEARCH notes

Prepared by the Office of Research and Development

Adm. 309 546-2630

I want to thank all of you who submitted suggestions for the naming of this page. There were very few entries, unfortunately, but that made it easier for the judges who were

Priam Luce, of Time magazine

Russell de Grubb, of Denny's Restaurants

H. Boroughs, ex-officio (= 2 votes)

The new name will appear on the next issue's masthead.

## Office of Education

The Institute of International Studies has a program entitled "Opportunities for Educational Research and Study Abroad." The date printed on the announcement is July 22, 1970; it was received by Dr. Andrews 9/24/70 and sent to this office 9/25/70. The deadline is October 20, 1970. And so it goes.

The program is funded through what is delightfully called "excess foreign currencies" and will probably be available for 1971-72 in: Guinea, India, Morocco, Pakistan, Poland, Tunisia, United Arab Republic, and Yugoslavia. Since this office has no application forms, write directly to:

Chief, Fellowships & Overseas Projects Branch  
Institute of International Studies  
U.S. Office of Education  
Washington, D.C. 20202  
Telephone: (202) 962-6035

The Cooperative Education Program has just released the instructions for Fiscal Year 1971, with the deadline - you won't believe this - of October 15, 1970. Most of the persons involved in the proposal that was submitted last year are aware of the deadline, but for others, it is really too late to write a proposal now. I hope we can try for 1972 because the program seems to fit Cal Poly. Cooperative education in terms of the OE "provides an opportunity for students to alternate periods of academic study with periods of off-campus employment." The work is supposed to be closely related to the educational program, and the institution assumes the responsibility of placing students in the "off-campus experiences." I am glad to meet with any group that wants to consider this program.

## White House Fellowships

These extremely attractive Fellowships are open to men and women in all occupations, not just those in higher education, so the competition is keen. Nevertheless, may I ask you to consider applying if you are:

- 1) A citizen of the U.S.A.
- 2) At least 23 but not 36 by Sept. 1, 1971

"Selection will be further limited to persons who:

- 1) Have demonstrated unusual ability, high moral character, outstanding motivation, and a broad capacity for leadership,
- 2) Show exceptional promise of future development, and
- 3) Are dedicated to the institutions of the United States".



White House Fellowships (cont'd)

The deadline is Dec. 1, 1970. There are personal interviews at the regional and national level.

You are welcome to read the details in this office.

Institute for International Education

Anyone interested in overseas graduate study, research, or professional training in the creative and performing arts during 1971-72 should write immediately to the Institute at 809 United Nations Plaza, New York City 10017. Grants may be awarded for the entire cost, including travel and dependency allowances. We have no guidelines or application forms.

Petroleum Research Fund

The American Chemical Society administers this fund which is for "advanced scientific education and fundamental research in the petroleum field". "Petroleum field" should be interpreted very broadly. There is a Dec. 1, 1970, deadline for faculty interested in advanced scientific education or fundamental research (category AC), and the same deadline for fundamental research at the undergraduate level (category B). The latter is designed to stimulate student interest in graduate study.

Further details may be read in this office.