NOBEL PRIZE WINNER SPEAKS HERE FRIDAY:
BORLAUG ASKS STUDENT SEMINARS, DISCUSSIONS

Norman E. Borlaug has reached the heights of fame from which a man is sought by kings, statesmen, and the most honored people of our time. He prefers to chat with students. If they end up in a muddy field with their hands in the soil, so much the better.

Dr. Borlaug has been hailed as the one person who has done more toward ending world hunger than any other living man. For this he received the 1970 Nobel Peace Prize, complete with gold medal and $78,000 check, presented in Oslo by the King of Norway, the land from which his grandparents emigrated only two generations ago.

His office in Mexico City is heaped with hundreds of invitations to every major city in the world -- requests from universities, governments, the United Nations.

This week, more than a year after he received an invitation from President Robert E. Kennedy, Dr. Borlaug will visit Cal Poly; on Friday (Feb. 11) at 11 a.m., he will give a free public talk in Chumash Auditorium of the Julian A. McPhee College Union.

The modest researcher wrote to President Kennedy: "I would like to make full use of the time I will be there in seminars, lectures, and discussion groups with students."

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NOBEL PRIZE WINNER . . . (Continued from Page 1)

Dr. Borlaug, who will be 58 next month, was born on a farm in Cresco, Iowa. His early ambition was to be a high school science teacher and athletic coach. Instead Dr. Borlaug's contributions came in another area and on a grander scale.

At the Nobel awards, Dr. Borlaug was told: "You have made the fight against hunger your lifelong mission, your passionate calling, to which you have devoted your brains, the brains of a first-rate scientist, your hands, the hands of an Iowa farmer, and your open, broad, warm heart."

Today Dr. Borlaug is well-known in connection with the term "Green Revolution," although his specific impact on world hunger is not always explained. He joined the Rockefeller Institute in Mexico in 1944 and headed a research team which over years of experimentation, produced the strains of wheat now feeding vast populations.

By 1956, Mexico, primarily as a result of his efforts, had increased wheat yield from 11 to 75 bushels per acre. Soon Mexican seed made possible the doubling of wheat production of India and Pakistan, with equally impressive gains in Africa, the Far East, Middle East and Latin America.

Dr. Borlaug received the outstanding achievement award of his alma mater, the University of Minnesota; then the distinguished service medal of Pakistan; the International Agronomy Award of the American Society of Agronomy; and then the Nobel Peace Prize, whose last American recipient was Martin Luther King, Jr.

At a meeting of the Food and Agricultural Organization of the United States in Rome recently he defended modern crop technology and criticized those who attack it with "hysterical propaganda."

Dr. Borlaug's defense of DDT for its "remarkable safety record" started an avalanche of editorial comment throughout the world. He was equally strong in his advocacy of planned parenthood, "urging that agencies that fight for increased food production and those that fight for population control unite in a common effort."

Dr. Borlaug's appearance at Cal Poly is co-sponsored by the college and the Student Council of the School of Agriculture and Natural Resources as part of the Cal Poly Convocation Series.

TALK BY AUSTRALIAN CONSUL GENERAL SCHEDULED WEDNESDAY EVENING

Philip Roy Searcy, OBE, the first Australia consul general in Los Angeles, will discuss "Australia Today" at a meeting of the Crops Club at 7:30 p.m. on Wednesday (Feb. 9). David Roslansky, Crops Club president, says the public is invited to share in the program which will be held in Erhart-128.

Searcy will discuss opportunities in Australia and the life style of the "down under" nation. His topics will include emigration to Australia, teaching and employment opportunities, assisted passages, and current trends in Australian life.

A native of Adelaide, South Australia, Searcy has had a broad experience in the military and in industry before entering the diplomatic service. He was educated at St. Peters College and at the University of Adelaide. He served in the Royal Australian Air Force in World War II and was a prisoner of war in Germany at the end of the war.
DEATHS OF TWO MEMBERS OF BOARD OF TRUSTEES NOTED

The deaths of two members of the Board of Trustees of the California State Colleges have been noted on campus in recent days. E. Guy Warren, 71, chairman of the board, died on Saturday (Feb. 5) following an extended illness. Dudley Swim, 66, died following a heart attack in Carmel on Jan. 31.

Warren, a member of the CSC board since 1962, was the owner and operator of the Warren transportation Company of Hayward. He was an active member of the boards of the Alameda-Contra Costa Transit District, the California Trucking Association, and the Alameda County Fair. A former president of CTA, he was also active in business, educational, and civic affairs in Alameda County over the years. He earned his bachelor's degree in engineering at University of California at Berkeley.

Swim had been a member of the Board of Trustees since 1968. The Chairman of the board of National Airlines at the time of his death, he was also an active member of the boards of the Stanford Research Institute; the Hoover Institute on War, Revolution, and Peace; and the Cordell Hull Foundation for International Education. He was a graduate of Stanford University, where he earned his bachelor's degree in political science and the master's degree in business.

Cal Poly joined the other state colleges in flying the flag on the pole in front of the Administration Building at half staff in memory of Warren and Swim.

AFFIRMATIVE ACTION PROGRAM FORMALIZED

Establishment of an Affirmative Action Program to achieve more extensive employment of women and of minority group members at Cal Poly has been announced by President Robert E. Kennedy. The program reaffirms college policy of equal employment opportunity and is developed with the intent of complying with all state and federal laws, rules and regulations applicable to equal employment opportunity of any qualified or qualifiable person.

Dr. Kennedy noted that the interim statement issued this week will be in effect until completion of an evaluation which the president is requesting from the Academic Senate and the Staff Senate. He described the program to the former today (Feb. 8) and will address the Staff Senate on the same topic on Wednesday, Feb. 16.

"All of us, as the members of the college community, share the responsibility to make equal opportunity an actual, functioning condition of life at this college," President Kennedy said. He asked for the evaluation to be completed by the beginning of the Fall Quarter, 1972.

The announcement of the program noted:

"Although we may take some credit for good intentions and modest accomplishments, the college must embark on a more active program if it is to achieve the goal of full and equal employment opportunity for members of ethnic minority groups and women. The record reveals that several departments and units on campus have no, or only very limited, minority ethnic representation in the work force. Greater assurance is needed that in all areas of the college, including auxiliary organizations, efforts are being made to employ not only qualified but qualifiable minority persons and women.

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AFFIRMATIVE ACTION PROGRAM . . . (Continued from Page 3)

The ethnic distribution report for Cal Poly employees in 1965-66 reported Cal Poly, San Luis Obispo, with 21 minority employees out of a total of 704 or approximately 3 per cent. In April, 1971, the records show that ethnic minorities currently fill 68 of the 1357 regular positions on the campus, or approximately 5 per cent. Cal Poly has 29 faculty; 15 technical and clerical; 16 trades, crafts, and protective services; and 8 administrative employees from these groups."

As defined in the announcement "Affirmative Action" is a concept developed at the national level as a positive means of implementing equal employment opportunity for all employees without regard to race, color, religion, national origin, sex, or age.

President Kennedy said: "Cal Poly's Affirmative Action Program is a set of specific and result-oriented procedures by which the college will attempt to implement the goals of Affirmative Action. Informal attempts to comply with the concept of equal opportunity during the past five years failed to produce sufficient improvement in the employment of women, or of minority race members.

"This new college-wide formal effort is a specific response to the need to increase effectiveness in recruiting qualified and qualifiable people among ethnic minority groups and women to fill jobs in all areas of operations," Dr. Kennedy added.

The long range goal of any Affirmative Action Program is to bring about an employee ratio in ethnic and male/female groups which approximates that of the work force in the recruiting area of the institution recognizing, however, the reality of "availability" in highly-specialized, technical fields. In the program announcement normal recruiting area of the college for staff positions (non-academic) is defined as the area within which the college can expect people to commute.

The document designates the recruiting area for staff as San Luis Obispo County except when recruitment could reasonably be done beyond the commuting area, for example, Northern Santa Barbara County. For faculty and administrative positions the normal recruiting area is defined as the state of California, except when there are insufficient candidates in the state.

As an immediate goal, it is expected that each department, division, school, auxiliary organization, and other employment units at Cal Poly will demonstrate a significant effort to increase the minority race and women employee numbers in accordance with developed goals and time tables, Dr. Kennedy said.

The president currently is receiving nominations of men and women to serve on an Affirmative Action Compliance Committee, which will include representation from all employment units of the college as well as the Academic Senate, Staff Senate, and student groups representing minorities.

Dr. Kennedy has also designated Clyde Scott (Personnel Analyst) as Affirmative Action Coordinator with staff responsibilities for implementation of the program.

The Personnel Office has a supply of federal and state income tax report forms available for the convenience of college employees. Those who wish may obtain copies of the reports by contacting the Personnel Office, Adm-110, 566-2236.
Coming Events -- Coming Events -- Coming Events

Black Heritage Week -- Sunday, Feb. 6, through Sunday, Feb. 13. Events in observance of Black Heritage Week; sponsored by the Black Students Union of Cal Poly. See special Black Heritage Week calendar for information on individual events.

Independent Business Seminar -- Monday, Tuesday, and Wednesday, Feb. 7-9, 7 p.m., Julian A. McPhee College Union. Conference for business, agri-business, and financial leaders from throughout Central California; sponsored by Cal Poly's School of Business and Social Sciences, the San Luis Obispo Telegram-Tribune and the Society of California Accountants. By reservation in advance.

Academic Senate Meeting -- Tuesday, Feb. 8, 3:10 p.m., Staff Dining Room. Regular meeting of the Cal Poly Academic Senate. Members of the Senate and faculty invited.

CSEA Board of Directors Meeting -- Tuesday, Feb. 8, 7:30 p.m., Staff Dining Room. Meeting of the Board of Directors of Cal Poly Chapter #97 California State Employees Association. Interested faculty and staff invited.

Varsity Tennis -- Wednesday, Feb. 9, 3 p.m. Tennis Courts adjacent to Men's Gymnasium. Cal Poly vs. University of California at Santa Barbara. Public invited.

Political Speaker -- Wednesday, Feb. 9, 3 p.m. Julian A. McPhee College Union Room 204. Gary Hart, Democratic congressional candidate will speak; sponsored by the Cal Poly Young Democrats Club. Public invited.

Talk on Australia -- Wednesday, Feb. 9, 7:30 p.m., Erhart Agriculture Building Room 128. Philip Roy Searcy, the first Australian consul general in Los Angeles, will discuss "Australia Today;" sponsored by the Cal Poly Crops Club. Public invited.

Sigma Xi Speaker -- Wednesday, Feb. 9, 7:30 p.m. Science North Building Room 201. Robert Hoover will discuss "Pre-History at Cal Poly;" sponsored by the Cal Poly Sigma Xi Club. Faculty, staff, and students invited.

Electronic and Electrical Engineering Seminar -- Thursday, Feb. 10, 11 a.m., Computer Science Building Room 201. Robert M. Golden will lecture on computer processing of speech and digital filter design; sponsored by Cal Poly's Electronic and Electrical Engineering Department. Faculty, students, and guests invited.

College Hour Concert -- Thursday, Feb. 10, 11 a.m., Cal Poly Theater. Program by the Cal Poly Women's Glee Club, Collegiate Quartet, the Majors and Minors vocal ensemble and the Collegians state and dance band; sponsored by Cal Poly's Music Department. Public invited.

Cal Poly Staff Club Luncheon Meeting -- Thursday, Feb. 10, 12 noon, Staff Dining Room. James Langford will describe his experiences in South Africa. Faculty and staff invited.

Electronic and Electrical Engineering Seminar -- Friday, Feb. 11, 12 noon, Engineering West Building Room 235. Dr. James O. Beaumont, manager of IBM's Advanced Systems Development will discuss computerized monitoring techniques; sponsored by Cal Poly's Electronic and Electrical Engineering Department. Faculty, students, and guests invited.

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COMING EVENTS . . . (Continued from Page 5)

One Man Show -- Thursday and Friday, Feb. 10 and 11, 8 p.m., Music, Speech and Drama Building Room 218. One-man dramatic performance show featuring Avadon Black; sponsored by the College Program Board of Cal Poly's Associated Students, Inc. Public invited, donations will be accepted.

Refrigeration Service Engineers Workshop -- Friday and Saturday, Feb. 11-12, all day, Air Conditioning and Refrigeration Building. Fourteenth annual workshop for refrigeration service engineers from throughout Western U.S.; sponsored by the California Association of the Refrigeration Service Engineers Society and hosted by Cal Poly's Engineering Technology and Environmental Engineering Departments. Members of CARSES invited by advance registration.

Convocation Speaker -- Friday, Feb. 11, 11 a.m. Julian A. McPhee College Union, Chumash Auditorium. Address by Nobel Prize winner Dr. Norman E. Borlaug, developer of a high-yield strain of wheat; hosted by Cal Poly and the Student Council of the college's School of Agriculture and Natural Resources. Public invited.

Varsity Baseball -- Friday, Feb. 11, 2:30 p.m., Baseball Field near Poly Grove. Cal Poly vs. Saint Mary's University. Public invited.

Varsity Basketball -- Friday, Feb. 11, 8 p.m., Men's Gymnasium. Cal Poly vs. California State College at Fullerton. General admission tickets - students, 50 cents; all others, $1.50.

Varsity Baseball -- Saturday, Feb. 12, 12 noon, Baseball Field near Poly Grove. Cal Poly vs. Saint Mary's University, doubleheader. Public invited.

Chinese New Year's Dinner and Show -- Saturday, Feb. 12, 6 p.m., Chumash Auditorium of the Julian A. McPhee College Union. Annual Chinese New Year's Dinner and Show; sponsored by Cal Poly's Poly Chi Club and the Chinese community of San Luis Obispo. Tickets - $3.50 per person.

Military Ball and Banquet -- Saturday, Feb. 12, 7 p.m., Madonna Inn, San Luis Obispo. Twentieth annual Military Ball will be highlighted by crowning the queen; sponsored by the Cal Poly Chapter of Scabbard and Blade military honor society. Tickets - $15 a couple for banquet and ball, or $3.50 per couple for the ball only.

Varsity Basketball -- Saturday, Feb. 12, 8 p.m. Men's Gymnasium. Cal Poly vs. San Fernando Valley State College. General admission tickets - students, 50 cents; all others, $1.50.

Cal Poly Women's Club Walking Section Meeting -- Tuesday, Feb. 15, 9 a.m. Bank of America, at Foothill Blvd., San Luis Obispo. A walk in the Morro Bay area is planned. Members invited.

Cal Poly Women's Club Home and Garden Section Meeting -- Wednesday, Feb. 16, 10 a.m., Lodge Hill Newhall Rd., Cambria, for sandwich pot-luck. Jane Rider will talk about pottery-making and show her latest ceramic projects. To share transportation, meet at the Foothill Bank of America parking lot before 9:15 a.m. Members invited.
VARIED PROGRAM LISTED FOR COLLEGE HOUR CONCERT

The Women's Glee Club, the Majors and Minors, the Collegiate Quartet, and the Collegians stage and dance band will all be featured in a College Hour Concert at 11 a.m. on Thursday (Feb. 10). The concert in the Cal Poly Theater will range from religious selections and folk music to popular songs and jazz. Admission will be free and the public is invited to attend.

Featured on the program announced for the performance are Send Out a Cheer, Bless the Lord, O My Soul, and a Latin liturgical composition Vere languores nostros, all performed by the 75-voice Women's Glee Club. The Collegiate Quartet will sing Michael, Row the Boat, and Scarlet Ribbons, and the 12-member Majors and Minors men's vocal ensemble will highlight popular music with At the Zoo, and For All We Know.

The Collegians, under the direction of Graydon Williams, will feature three numbers in their usual skillful blend of jazz and contemporary sounds. Harold P. Davidson (Head of the Music Department) is director of the Women's Glee Club, the Majors and Minors, and the quartet.

CAST ANNOUNCED FOR CAMPUS PRODUCTION OF MILLER PLAY

The cast has been announced for performances of Arthur Miller's famed witch-hunt play, The Crucible, to be performed on Feb. 17, 18, and 19, in the Cal Poly Theater. Curtain time will be 8 p.m.

J. Murray Smith (Speech Department), director of the play which is being produced by Cal Poly's Speech Department, said Don Ingraham, 27, a junior English student, is cast in the lead role as Proctor, and Carol Maurer, 21, a senior speech major plays Proctor's wife, Elizabeth.

Pat Sibley, 20, a junior child development major, portrays Abagail, the leader of a group of young girls experimenting with witchcraft. Deputy Governor Danforth, the witches' prosecutor, is played by Roy Warren, 25, a junior electronic engineering major.

Other principal characters for the Cal Poly production of the Miller play include Hale, played by Ed Pinson, 20, a graduate student in speech; and Parris, played by Bill Pieser, 18, a freshman mechanical engineering student.

General admission tickets, priced at $1 for students and $2 for all others, will be on sale at the theater box office prior to each performance.

SECURITY OFFICE STILL REGISTERING BICYCLES

The college Security Department is still offering a voluntary, free registration service for bicycles. Purpose of the service is to help protect bicycles by having a record of the type, make, and serial number which will be a valuable identification in case it is stolen. Members of the staff, faculty, and student body who have not already done so are invited to take their bicycles to the Security Office between 2 and 8 p.m. on any weekday to have them registered. Prenumbered decals are being used in the bicycle registration system.
CAGERS WILL HOST LEAGUE OPPONENTS; DIAMONDMEN WILL OPEN 1972 SEASON

A pair of important California Collegiate Athletic Association basketball games and the opening weekend of play for the 1972 season for the varsity baseball team are the highlights of the campus sports calendar for this week.

Head Coach Neale Stoner's Mustang basketballers will decide whether or not they can stay in the running for the 1972 CCAA championship when they host California State College at Fullerton on Friday (Feb. 11) evening and San Fernando Valley State College on Saturday (Feb. 12) evening. Both games are scheduled for 8 p.m. tip-offs in Men's Gymnasium.

The Mustang cagers used a pair of victories over non-league opponents last weekend to prepare for this weekend's games. After defeating Chapman College 92-81 and University of San Diego 86-77, they have an 11-8 won-lost record for the season.

Coach Augie Garrido's varsity baseballers had their scheduled exhibition contest with an alumni team rained out on Sunday (Feb. 6) but will open their 1972 season when they host St. Mary's College in a three-game series scheduled for Friday and Saturday on the diamond located adjacent to Poly Grove. Game time for Friday's single game will be 2:30 p.m. Saturday's doubleheader will start at 12 noon.

As though a split in four dual matches in the Northwest weren't enough for them, Head Coach Vaughan Hitchcock's Mustang wrestling team will be on the road again this week. They will meet California State Polytechnic College, Pomona, tomorrow (Wednesday, Feb. 9) in Pomona and then depart for a three-match swing into Iowa and Minnesota. They will face Northern Iowa University on Friday, defending national champion Iowa State University on Saturday, and Mankato State University on Monday (Feb. 14).

The Mustang grapplers extended their won-lost record for the 1971-72 season to 11-4 with a pair of wins last week. They sandwiched victories over Portland State College and University of Oregon between losses to nationally-ranked University of Washington and Oregon State University.

Other events on the campus sports calendar this week will find the varsity tennis team hosting University of California at Santa Barbara at 3 p.m. tomorrow on the courts near Men's Gymnasium, and the varsity golf team meeting Cuesta College in a match scheduled for 12:30 p.m. on Monday at the Morro Bay Golf Course.

CHINESE NEW YEAR'S EVENTS LISTED BY CHINESE STUDENTS

The Year of the Rat will be celebrated by Chinese students at Cal Poly with the traditional Chinese New Year's Dinner and a special showing of a cultural film. Both events are sponsored by Poly Chi, student organization at Cal Poly.

The dinner will be held in the Chumash Auditorium of the Julian A. McPhee College Union at 6 p.m. on Saturday (Feb. 12). Tickets are $3.50 per person and, reservations may be made by telephoning 544-2389 or 543-1445.

The film will be shown next Tuesday (Feb. 15) in Chumash Auditorium. Again the public is invited and admission will be 50 cents for college students and 75 cents for all others. It will be shown at 7 and 9:30 p.m.
BERKELEY MAYOR WILL ADDRESS CAMPUS AUDIENCE

Warren Widener, mayor of Berkeley, will speak in Chumash Auditorium of the Julian A. McPhee College Union at Cal Poly at 8 p.m. on Thursday (Feb. 10). Topic for his address, which is being sponsored by the Cal Poly Black Students Union and the Speakers Forum Committee of the Associated Students, Inc., will be "Working for Change Within the System."

Widener, a liberal who sometimes votes radical, says he is working for meaningful change to bring about responsive city government. "There's been so little creativity in dealing with new problems," he adds, "If students want courses that are relevant, let them work on problems of government from within the system."

His address at Cal Poly is being arranged as part of the 1972 Black Heritage Week observance at the college. The public, as well as students, faculty, and staff of the college, are invited to attend. Admission will be $1 for students and $1.50 for all others.

Also remaining on the schedule of events for the week-long Black heritage observance are a banquet and fashion show on Sunday (Feb. 13), showings of two motion pictures, and an art exhibit.

Soul food, including fried chicken, collard greens, corn bread, and sweet potato pie, will be featured during the banquet and fashion show, which is scheduled for 5:30 p.m., also in Chumash Auditorium. Tickets for the event, priced at $1.50 for students, 75 cents for children, and $2.50 for all others, are being sold by BSU members this week.

FACULTY POSITION APPLICANTS BEING SOUGHT

Applicants for several teaching positions on the faculty of the college are presently being sought, according to Larry Voss (Director of Personnel Relations). Those interested in learning more about any of the positions or in applying for any of them are invited to contact the appropriate school dean or department head. Cal Poly is an affirmative action employer. Brief descriptions of the available positions read:

Lecturers, Range C to F ($777-$1253), History Department, School of Communicative Arts and Humanities. Duties and responsibilities include teaching various combinations of courses from among the following: general education sections in American history; history of civilization; history of California; upper division courses in Latin America, Russian, Modern Europe and/or United States History. Master's degree and college teaching experience are required and PhD in history preferred. (Three positions for Summer Quarter, 1972, only.)

Lecturer, Range C ($777-$945), Speech Department, School of Communicative Arts and Humanities. Duties and responsibilities include part-time teaching two sections of basic speech. Minimum requirements are a master's degree and experience in college teaching. (For Spring Quarter, 1972, only.)

Lecturer, Range C ($777-$945), Mechanical Engineering Department, School of Engineering and Technology. Duties and responsibilities include a minimum 12-unit teaching load with the equivalent of 3 units of student advising and department committee work. Minimum requirements are a Master's degree and experience in college teaching. (For Spring Quarter, 1972, only.)
COFFEE HOUR WILL HONOR MRS. STEWART

Mrs. Phyllis Stewart, who retired Dec. 31 after 12 years as accounting officer for the Associated Students, Inc., will be honored at a coffee hour in Room 208, of the Julian A. McPhee College Union, between 9 and 11 a.m. on Wednesday, Feb. 23. Students, faculty and staff are invited to attend and wish Mrs. Stewart well on her retirement.

She was the first full-time accounting officer retained by the ASI, when it was an organization of 4,500 students. As accounting officer she not only was responsible for the ASI accounts, but supervised the record keeping of the treasurers of all of the student clubs. At the time of her retirement she oversaw the handling of more than $500,000 in ASI funds.

Mrs. Stewart states, "Working with students has given me the greatest satisfaction in my time with the ASI. It has been a unique experience. I worked with every club and budgeted group in the ASI. When people make sweeping assertions about young people deriding them, it riles me. These sweeping assertions aren't true."

RETIREMENT PLANNING COURSE ANNOUNCED

The Public Employees Retirement System has scheduled retirement planning courses in metropolitan areas of the state, including Santa Barbara, over the next several months, according to an announcement from the Personnel Office. The series in Santa Barbara will begin March 6 and continue through March 27 from 2 to 4 p.m. on Mondays at Santa Barbara City College. There will be no charge for the course.

Mrs. Mary Smith (Personnel Assistant), who handles retirement inquiries for the Personnel Office, said PERS has been invited to schedule a similar course in the San Luis Obispo area.

Faculty and staff members who have decided upon an effective date for their retirement are encouraged to arrange an appointment with a PERS retirement representative. Appointments can be made by contacting Mrs. Smith in the Personnel Office, Adm-110, 546-2236.

PLAY AT HANCOCK WILL OPEN THURSDAY

The Performing Arts Center at Hancock College in Santa Maria will present Caretaker, a college drama production, in the center on Thursday and Friday (Feb. 10-11). Opening night tickets are specially priced at $1. They will be available at the box office a half hour before the 8 p.m. curtain time.

RETURN OF UNUSED INTER-CAMPUS ENVELOPES ASKED BY GENERAL OFFICE

The return of unused supplies of inter-campus mail envelopes is being requested, according to Mrs. Lucy Schmidt (Supervisor of the General Office). Offices and departments that have quantities of the envelopes in excess of their needs are asked to return them to the Duplication Center, Adm-129.
BUSINESS STUDENTS PROVIDE INCOME TAX ASSISTANCE

Low-income taxpayers throughout San Luis Obispo County are getting free help with filling their 1971 federal income tax returns from a team of six students of the Business Administration Department, according to Owen L. Servatius (Head of the Business Administration Department).

Students Harold C. Bain, William D. Garcia, Jack K. Heilbron, Patricia A. McCarthy, Sam J. Pierce, and Gene Windham were trained by R. D. Cook, an Internal Revenue Service agent, to qualify as volunteer tax assistors. They are part of Volunteer Income Tax Assistance, (VITA), a program begun last year by IRS in an effort to help low-income groups with their income tax problems.

The VITA offices in San Luis Obispo County will have been in seven separate communities on 14 different occasions before the program ends in April. The student volunteer income tax assistants, who will receive college credit for their part in the program, are placing special emphasis on revisions in the income tax laws that apply to returns for the 1971 tax year.

Locations, dates, and times where the VITA team will be available include three dates on campus. They will be located in the Mustang Lounge of the Julian A. McPhee College Union on Saturday (Feb. 12) from 1 to 4 p.m. and again on Feb. 26, and April 8, also from 1 to 4 p.m.

PURCHASE REQUISITION DEADLINES LISTED

All requests (Purchase Requisitions) for supplies or equipment which are to be changed to current 1971-72 appropriations must reach the college Purchasing Office within the next few weeks, according to Donald M. Vert (Procurement and Support Services Officer). Deadlines for receipt of the requests vary according to the circumstances of the individual purchase. They are:

- March 15 for those equipment items requiring further justification.
- April 15 for items which must be processed through the State Office of Procurement on estimate forms.
- June 1 for all items which can be purchased for $500 or less on a local order.

Additional information or clarification can be obtained from the college purchasing office, Adm-120, 546-2231.

VISITING CHEMIST SLATES TALK ON SURFACE RESEARCH

"Surface Research" will be the topic of a discussion to be given at 1 p.m. on Friday (Feb. 11) in Sci-E-28 by Arthur Hubbard, a visiting chemist, who is a member of the University of Hawaii faculty. Members of the college faculty and student body are invited to attend Dr. Hubbard's lecture, which is being sponsored by the Chemistry Department.
VACANT STAFF POSITIONS ANNOUNCED BY PERSONNEL OFFICER

Four vacant positions on the college support staff have been announced by S. Milton Piuma (Staff Personnel Officer). Descriptions of the positions are posted on the bulletin board located outside the Personnel Office, Adm-110, 546-2236. Those interested in applying for any of the positions should contact the Personnel Office to obtain an application. Cal Poly is an affirmative action employer. The positions are:

Clerical Assistant II-A ($457-$556), General Office, Business Affairs Division. Duties include assisting the supervisor in carrying on the continuity of the office as well as the service areas of duplicating, switchboard, information, and mail services. Applicants must be high school graduates and have passed the General Clerical Test, be able to type 45 wpm. Prefer permanent local woman with over 10 years of business experience, including office management. Personnel interviewing and training would be valuable.

Chief of Custodial Services III ($764-$927), Custodial Department, Business Affairs Division. Duties and responsibilities include preparing and administering budget for custodial services; coordinating the movement of equipment and furniture; maintaining records and preparing reports; supervising and giving instructions to approximately 80 custodial staff members; and conducting interviews with applicants. Applicants must have four years of experience as a Supervising Custodian I in the state colleges or five years of custodial experience including four in a supervisory capacity with responsibility for a very large building or group of buildings. Applicants must be high school graduates, have knowledge of principles of supervision and organization, and the ability to plan and organize custodial operations serving all areas of the campus.

Clerical Assistant I-B ($446-$543), General Office, Business Affairs Division. Duties and responsibilities include typing, taking dictation, xeroxing, thermofaxing; answering telephone, operating teleprinter, working with mail services and other general clerical duties. Applicants must be high school graduates and have passed the General Clerical Test, be able to type 40 wpm, and take shorthand at 80 wpm. No experience required. Prefer minority candidate.

Assistant Personnel Analyst ($863-$1048), Personnel Office, Administration. Duties and responsibilities under the Director of Personnel Relations include the preparation of classification studies for staff, administrative, student affairs, and professional positions; coordination, development, and implementation of in-service and specialized training programs; and will assist with other personnel management programs. Applicants should possess bachelor's degree in business administration, but qualifying experience may be substituted. Candidates should possess working knowledge of and ability to apply principles and procedures of classification surveys; perform research work; make analyses; and be able to summarize facts and opinions concisely and accurately. (The position is available as a leave replacement until April 2, 1973.)

14TH C A R S E S WORKSHOP SCHEDULED FRIDAY AND SATURDAY

The California Association of the Refrigeration Service Engineers Society (CARSE) will hold its 14th annual workshop on campus this Friday and Saturday (Feb. 11-12). Lecture sessions will be conducted in the theater and product displays will be set up in the Environmental Engineering/Engineering Technology laboratory area of the Air Conditioning Engineering Building. The event, which will bring approximately 500 CARSES members on campus, is hosted jointly by the Environmental Engineering and Engineering Technology Departments.
Walter P. Schroeder (Head of the Education Department) met with the Association of California School Administrators and California Junior College Association Career Education Project Committee in San Francisco recently. The committee is developing a matrix which will build 10 cooperative career education models for grades 6-14 in the state. The project is being underwritten by a grant from the State Department of Education.

Paul Scheffer (Industrial Engineering Department) spent Jan. 24 and 25 as a member of the Audit Committee of the California Measurement System under the State Bureau of Weights and Measures. The committee developed criteria for certifying laboratories in the State of California for length and mass traceable to the National Bureau of Standards. Laboratories of the Lockheed Company's Sunnyvale facility and Santa Clara County were certified during the trip.

Walter Elliott (Physics Department) talked to chemistry students at Santa Maria High School recently. His talk on "Atomic Models" was one of a series in which Dr. Elliott is attempting to establish closer liaison between Cal Poly Physics Department and a number of secondary schools in San Luis Obispo and Santa Barbara Counties.

Richard T. Kombrink (Engineering Technology Department) attended a meeting of the Society of Automotive Engineers Aerospace Manufacturing Committee in Los Angeles recently. Purpose of the committee, which consists primarily of executives from the aerospace industry, is to provide programs covering the technical aspects of manufacturing for the society's convention.

Victor Wolcott (Business Administration Department) has had his article, "The Case for a Comprehensive Financial Statement," published in the January, 1972 issue of The Financial Executive, the journal of the Financial Executives Institute. Many, if not most, of the top financial executives of major corporations throughout the United States are members of FEI.

W. Reed Langford (Physics Department) submitted, at the request of the publisher, a lengthy critical review of Modern Astronomy, a text by D.S. Birney. Such factors as choice of material, effectiveness, and presentation, and style were covered in his evaluation. Allyn and Bacon, Inc., Boston, the publisher, plans to use the report by Langford in preparing a new edition of the book.

Josephine Stearns and Suzanne Volin (both Child Development Department) conducted a meeting on the creative expression of preschool children for parents of children in the Cal Poly Head Start Program on Jan. 26. The meeting was one of a series presented throughout the academic year to meet the Head Start guide requirements for parent education and involvement in their preschooler's education.

Sara Behman (Economics Department) participated in a seminar sponsored by the American Institute of Architects during its annual Research Conference in Los Angeles on Jan. 25. Those who joined Dr. Behman for the discussion on "The Need for a Federal Policy for Research in the Construction Industry" included a national representation of eight persons who are involved in construction industry research.

Irving P. Babow (Social Sciences Department) has been advised that his article titled "Problems and Encounters of a Suicidal Adolescent Girl" has been accepted for publication by the interdisciplinary journal, Adolescence.

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John E. Harrigan (School of Architecture and Environmental Design) has been elected a Fellow of the American Anthropological Association. Election carries with it eligibility for fellowship in the American Association for the Advancement of Science of which AAA is a constituent.

Stanislaus J. Dundon (Philosophy Department) has been notified by St. John's University in New York that he has been granted the Doctor of Philosophy Degree. His dissertation in the history and philosophy of science is titled Philosophical Resistance to Newtonianism on the Continent -- 1700-1760.

Nancy Jorgensen (Counseling Center) attended the Institute in Suicidology in Los Angeles on Jan. 26-30. Sponsored by the National Institute for Mental Health and the Los Angeles Suicide Prevention Center, the workshop dealt with such topics as clinical problems, assessment of lethality, and training of volunteers. Mrs. Jorgensen is also a consultant for Hotline, an San Luis Obispo-based telephone information and referral service staffed by volunteers.

Howard Rhoads and George Gowgani (both Crops Science Department) and Barbara Weber (Home Economics Department) were all involved in the program of the California Weed Conference in Fresno on Jan. 17-18. Rhoads served as program chairman for the event which was attended by some 800 persons, and Gowgani led a session titled "Weeds are Everybody's Business." Mrs. Weber emphasized health, safety, and consumer values in her presentation, which was cryptically titled "Chop Suey."

A paper by David G. Williamson (Chemistry Department) titled "The Reaction of O(3P) with Dideutroacetylene" was published recently in the Journal of Physical Chemistry (JFC 75, 4053, 1971). Acetylene is generated as an intermediate in many hydrocarbon combustion reactions. The reaction of oxygen atoms with acetylene is believed to be of primary importance in hydrocarbon combustion, but the mechanism of the reaction is still not completely understood. Dr. Williamson's work in this area contributes to the understanding of this important reaction.

Wesley S. Ward and John Harrigan (both School of Architecture and Environmental Design) conducted a field trip during which fifth-year architecture students attended the third Environmental Design Research Association conference and the eighth Architect Researchers Conference of the American Institute of Architects in Los Angeles. David Saveker (also School of Architecture and Environmental Design) also attended and was a member of the program committee for the conference which took place Jan. 24-27.

Aryan Roest (Biological Sciences Department) conducted a refresher course in California vertebrates for detection and eradication personnel of the California Department of Agriculture on Jan. 25, 26, and 27 in Sacramento. Ten agents from various parts of the state and from Sacramento received instruction on the identification of native and introduced pests and in specimen preparation.
ACADEMIC SENATE
CALIFORNIA STATE COLLEGES
MEETING

January 13 and 14, 1972
Los Angeles, California

This meeting provided few surprises in the information submitted to the Academic Senate. Action was taken on the following items:

1. Concurrent enrollment. This is in reference to extension students taking courses in regular college classes. The safeguards written into the resolution and proposals are such that the instructor teaching the class has an important say in the final decision. Further, it is to be in effect where extension classes do not exist. Proposal passed.

2. College Level Examination Program. The resolution of this topic clearly indicates the recommendation of the Senate:

"Resolved: That the programs which have required all entering Freshmen to take C. L. E. P. Tests be defined for the purposes of this resolution as experimental; and be it further

Resolved: That experimental use be deferred until the C. L. E. P. Evaluation Committee reports its findings."

This resolution was passed unanimously by the Academic Senate.

3. College Level Examination Program-II. Further consideration was given to C. L. E. P. and the awarding of credit. This resolution recommended that State Colleges accept the transference of credit which was granted as a result of taking C. L. E. P. at San Francisco State College and at CSC, Bakersfield. It further recommended that further studies be made and specific policies developed regarding transfer credit.

4. Six Percent Fringe Benefit Legislation. It was recommended by the Academic Senate that the proposed six percent fringe benefit package submitted by the Board of Trustees have as its first priority a fully paid health insurance program and as a second priority a fully paid term life insurance policy for academic personnel.

5. Application of Tenure and Promotions Regulations to New Faculty Members. Many faculty members were hired for the 1971-72 academic year before the new regulations of tenure and promotions were included in Title V. The Academic Senate is requesting that the Board of Trustees reconsider their actions and permit these faculty members to be included in the past regulations as they relate to tenure and promotions. Since many of these faculty assumed they were being hired under the then existing regulations, it is recommended these rights be accorded them. Passed unanimously by the Academic Senate.

6. Selling of Term Papers. This was condemned.
7. Governor's Salary Recommendations. There was unanimous approval of a resolution which recommended that the Trustees' recommendation of 13% salary increase and 6% fringe benefit be retroactive to January 1, 1972. These actions have been forwarded to the Board of Trustees for action and implementation.

Chancellor Dumke appeared before the Academic Senate and discussed the budget which the Trustees had approved and submitted. In addition to the discussion, he gave some preliminary information as to where the Governor's budget differed from the proposed Trustee budget. It is the intention of your Academic Senators to provide information about the differences among the Board of Trustees' proposal, the Governor's budget, and the Legislative Analysts' recommendations as soon as a full and complete study can be made. Roy Anderson has some preliminary information which he will discuss with interested individuals.

Lee R. Kerschner, Acting Director of the Overseas Program, gave a report on the activities of the overseas program. The program is now administered by the Chancellor's Office and individuals wishing to have specific information about the program can contact Cal Poly's representative, Dr. Fuad Tellew.

The next meeting of the Academic Senate will be in Sacramento, March 2 and 3. If you have any questions or suggestions to the Academic Senators who represent you, please contact them. Dr. Corwin Johnson, 2489, (Faculty Affairs Committee), Dr. David Grant, 2597, (Educational Policies Committee), and Dr. Roy E. Anderson, 2946, (Finance Committee).
It is sad to realize that many intelligent faculty members fret needlessly over what they consider a curtailment of their academic privileges when, in fact, they don't know what privileges are theirs.

Our College Administrative Manual is a kind of Bill of Rights that is continually modified (and probably improved), yet I wonder who takes the trouble to find what rights (as well as duties) are his.

Recently I met with a group representing several departments, and no one knew that our College policy permitted a reduced teaching load in order to do research. CAM 452 treats Research Activities, and it has just been published (as revised in October, 1971):

452 Research Activities (See also CAM 543 and 544).

The research and development effort of the College is a joint enterprise encouraged and guided by the administration of the College and the Academic Senate. To give direction to this effort, the College Research Committee was established as a committee of the Academic Senate. The Research Committee directs its recommendations affecting college-wide policies and procedures to both the Academic Senate and the Academic Vice President. The Associate Dean, Graduate Studies and Research, is responsible to the Academic Vice President and is permanent secretary to the College Research Committee.

452.1 Research projects may include the following types of activities: community service research, institutional research, research in State College graduate programs, and individual faculty research.

452.2 Research projects must be compatible with appropriate rules and regulations of the State of California, Trustees of the California State Colleges, Office of the Chancellor, and college administration.

452.3 Research activities should increase the effectiveness of instructional assignments.

452.4 Faculty members employed full time by the College during the academic year shall not undertake research projects for extra compensation during the same period of more than the equivalent of 1/5 the full-time load. (See CAM 324.2)

452.5 Research Compensation Rates

A. A faculty member normally employed on an academic year basis who becomes employed full time on an authorized research project may be compensated at a rate up to 1/3 of his "annual salary" per quarter, or proportionate share thereof for lesser time periods (i.e., 1/9 per month, 1/35 per week, 1/175 per day or 1/1400 per hour). As used in this section, "annual salary"
is defined as the faculty member's regular salary based on his class code, rank, salary step, and the current California State College salary schedule.

B. A full-time faculty member regularly employed on an academic year basis who has been authorized under CAM 324.3, 2., to be additionally employed part time on an authorized research project may be additionally compensated up to the rate proportional to his "annual salary" as defined in A. above. (See CAM 452.4.)

C. Faculty or staff members regularly employed on a 12-month basis who have been authorized to participate in research projects may be compensated as in A. or B. above except that the rate of compensation may be up to 1/240 of their "annual salary" per day, or a proportionate share thereof for other time periods.

D. Faculty members employed on an academic year basis may be additionally employed full time on research projects for not more than 15 weeks in any one calendar year.

452.6 Research projects should not interfere with the normal use of laboratory, classroom, or other space furnished by the State for the instructional program of the College.

452.7 Equipment of $25 or more in value purchased or given for research projects carried on in college facilities will become the property of the College or College Foundation, unless prohibited by the funding contract.

452.8 It is the responsibility of the project director, who may be the staff member so designated by mutual consent of the group wishing to conduct the research activity, to develop the proposal. Research project requests, to be supported by the college budget or other sources, should be prepared in accordance with established procedures and must be reviewed at all appropriate levels and approved by the Associate Dean, Graduate Studies and Research. Projects of an interdisciplinary nature should be reviewed by the several subject areas involved. Signatures are required from the department head, school dean, Director of Business Affairs, Foundation Executive Director, Associate Dean, Graduate Studies and Research, and the Academic Vice President/President for all proposals. Information on sources of funding and program application forms may be obtained from the Office of Graduate Studies and Research.

452.9 Suitable provision by the College Research Committee should be made for adequate records of all projects considered, and the disposition of each.

Some immediate amplification is in order. A reduced teaching load concomitantly means a reduced salary from the State. If you earn $12,000 for teaching 12 units, you only get $9,000 for teaching 9 units (other things being equal). But the policy of having a reduced teaching load for instructionally related research does mean that if you can get a federal agency, for example, to support your research, you can earn $9,000 for teaching 9 units and $3,000 for doing research.
CAM permits an additional 20 per cent "extra compensation" for faculty members for research, but federal policy very clearly prohibits any additional pay; the federal government pays only for research during the academic year on what is called a released-time basis, that is, the teaching load must be reduced. During the summer, however, a faculty member who is not paid by the College for services (teaching) may be paid full-time on a research grant. The National Science Foundation says that a person may earn no more than $2/9 of his academic year salary for full-time research in summer. Some federal agencies are not so specific and may pay for 10 or even 12 weeks of work during the summer.

The guidelines of the National Science Foundation "Instructional Scientific Equipment Program" have arrived. Proposals are due in Washington March 1, 1972, which means that the final version of any proposal should be ready for College administrators' approval by February 21. "Final version" doesn't mean packaging six disparate departmental requests; by NSF formula we are entitled to submit five proposals. At least 50 per cent matching funds are required, and many departments may not have the money uncommitted from this fiscal year's budget. Still, if more than five requests are received in this office, the administration will have to choose which ones to forward.

The NSF expects that "the vast majority of proposals will deal with improvements in a single course, a single discipline, or a single department."

NSF has only $2.8 million, so the competition will be very great; this shouldn't discourage anyone here because our emphasis is on undergraduate instruction. NSF also points out that a grant from this program entitles the institution to apply for so-called Excess Federal Property, and this property could easily be worth far more than any grant.

Please read the guidelines in this office.

Since the proposed budget for 1972-73 does not have money for the State System's Special Leaves for Research or Creative Activity, Dr. Andrews has requested that no applications for such leaves should be processed.

The U. S. Office of Education has several programs designed especially to enable the chronically disadvantaged student to get a higher education. The manual describing these programs has more than 100 pages, so I can only give an outline here.

Upward Bound is a precollege preparatory program for students with low incomes (their families), and who have inadequate high school preparation. In order for Cal Poly to get a grant, one or more high schools must cooperate. Upward Bound students ordinarily spend about two months during the summer on campus, and get special tutoring and "cultural enrichment" programs throughout the year.
Special Services for disadvantaged students is a program of remedial and other special services for students who are enrolled in college, or who have just been accepted by a college, but who have difficulty because of poor academic preparation in high school or elementary school. These students differ from the ones above in being qualified for college on paper, but whose preparation for college has in fact been inadequate.

Talent Search is the third program which is designed to ... "identify qualified youths of financial or cultural need with an exceptional potential for post-secondary educational training ...."

The details of these are available in a looseleaf notebook in this office. The notebook is in the folder: USOE, Bureau of Higher Education, Division of Student Assistance.

The Department of Housing and Urban Development has a deadline of March 1, 1972 for filing an application for the Urban Studies Fellowship Program for 1972-73. This office has the application forms.

The grants are up to $3000 plus a dependency allowance, tuition, and fees. Applicants must be enrolled or accepted in a fulltime graduate program towards a master's degree in an urban-related field, such as urban and regional planning, urban affairs, urban public administration, urban sociology, and urban economics. Grantees must sign an intention to pursue a career in State or local public service.

Some months ago there was a rumor that the small grant Regional Research Program of the United States Office of Education would be discontinued. This program makes grants up to $10,000 on a regional basis for educational research and it has been a very worthwhile program. Along with many others nationally, I protested, and the U.S. Office of Education says it will continue the program, although it will eliminate the positions of Regional Research Directors. This is really encouraging news. Now let's see some proposals, please.