Selection of Howard C. Brown as Dean, School of Agriculture and Natural Resources at Cal Poly has been announced by President Robert E. Kennedy. A member of the faculty since 1946, Dr. Brown has headed the Ornamental Horticulture Department since 1954. He will succeed Dean J. Cordner Gibson, who will retire on July 31 after having been dean of the school for the past eight years.

"Since California is the number one agricultural state in the nation and Cal Poly's undergraduate program is the largest in the state, there has been widespread interest in this appointment," President Kennedy said. He noted that the selection of Dr. Brown was based on the recommendations of a consultative committee chaired by John A. Rogalla (Agricultural Management). The committee included representatives of other departments in the School of Agriculture and Natural Resources, as well as non-voting members representing other areas of the university.

Dr. Kennedy said that Dr. Brown was one of four candidates recommended to him by the committee as being acceptable for appointment following a nationwide recruitment effort. "Dr. Brown's experience

Appointment of William C. Langworthy as Dean, School of Science and Mathematics at Cal Poly has been announced by President Robert E. Kennedy. Dr. Langworthy, a member of the Cal Poly faculty and head of the Chemistry Department at Cal Poly since 1973, will begin his new duties on Aug. 1. He will succeed Dr. Charles Hanks, who has been acting dean since the death of Dean Clyde P. Fisher last fall. Dr. Hanks is expected to return to his former duties as head of the Mathematics Department.

President Kennedy pointed out that the selection of Dr. Langworthy was based on the recommendations of a consultative committee that included representatives of the departments in the School of Science and Mathematics as well as non-voting members representing other areas of the university. The Committee, which was chaired by Norman L. Eatough (Chemistry) conducted a nation-wide recruitment effort that produced 162 applicants for the position. "The three years he has spent as head of our Chemistry Department and his previous experience as associate dean of the School of Letters, Arts, and Sciences at California State University, Fullerton, give Dr. Langworthy the background he needs to continue the tradition of strong leadership.

(Continued on page 3)
NEW CSUC HEADQUARTERS DESCRIBED

The California State University and Colleges, 15 years after being organized as a separate system of higher education, now has its first permanent headquarters. The new headquarters of the 19 campuses, the country's largest component of senior colleges and universities with 310,000 students and 16,800 faculty, is at 400 Golden Shore, Long Beach. For nearly one and a half decades, the offices of the CSUC's Board of Trustees and Chancellor Glenn S. Dumke have been in leased quarters, most of this period at 5670 Wilshire Boulevard, Los Angeles.

Specifically designed as an administrative and service center, the 96,116-square-foot building includes, in addition to offices, facilities for Trustees meetings and for regional and statewide CSUC meetings and conferences. It is built on a 6.4-acre tidelands site valued at $1.8 million. The site was donated by the City of Long Beach following enabling legislation authored by Sen. Joseph M. Kennick.

Valued at $5.5 million exclusive of land, the headquarters is an L-shaped three-story building with basement, together with a one-story assembly wing, arranged around a large entrance court. Construction was financed through 28-year bonds sold in 1974 by a Joint Powers Authority created by the Board of Trustees and the City of Long Beach. The building becomes State property upon amortization of the bonds. A ceremony to dedicate the building and observe the 15-year anniversary is planned this fall.

Features of the new building include energy-conserving narrow vertical windows set into angled arrangements of concrete block for sun control. The assembly wing includes meeting chambers for the Board of Trustees. The building's design resulted from a joint venture by two architectural firms, Deasy and Bolling of Los Angeles and Killingworth, Brady & Associates of Long Beach. The contractor is Shirley Brothers, Inc., of Pasadena.

LANGWORTHY TO HEAD SCIENCE AND MATH (continued from page 1)

for our science and mathematics programs," President Kennedy continued.

Dr. Langworthy holds a Bachelor of Science Degree from Tufts College in Massachusetts, completed his study for the Doctor of Philosophy Degree at University of California, Berkeley, and has done postdoctoral study and research at both Massachusetts Institute of Technology and UC, Berkeley. He taught at both Alaska Methodist University and University of California at Los Angeles before joining the Cal State Fullerton faculty in 1965. Before that he worked as a chemist for DuPont and a research chemist for American Cyanamid. While at Alaska Methodist from 1963 to 1965, Dr. Langworthy was involved in development of a curriculum in chemistry for what was then a new university.

At Cal State Fullerton, he served on a number of campus-wide committees including the All-University Council, the All-University Curriculum Committee, and the Council for Environmental Studies. As associate dean at Cal State Fullerton from 1970 until mid-1973 when he moved to Cal Poly, Dr. Langworthy was responsible for curriculum development, registration and course scheduling, and facilities and space allocation for the School of Letters, Arts, and Sciences, largest of that university's schools at that time.

The new Cal Poly dean is a member of a number of professional and honorary groups including Phi Beta Kappa national honorary society, the Society of Sigma Xi, the American Chemical Society, the Chemical Society (London), and the American Association for the Advancement of Science. Dr. Langworthy, whose biography is included in both American Men of Science and Who's Who in the West, has been active in community groups, both in Fullerton and in Arroyo Grande, where he now resides.
The role of black people in the history and culture of the United States will be the subject of a ten-day bicentennial festival which will open on Tuesday (July 6) at Cal Poly. With "Awaken from the Unknowing" as its theme, the program will include a variety of events including lectures, a poetry reading, and a Smithsonian Institution exhibit. Admission for all of the festival events will be free and the public is invited to attend.

Speakers who will take part in the observance are the Rev. Cecil Williams, pastor of the Glide Memorial Methodist Church in San Francisco; painter, graphic artist, and educator Charles White; John Mott (English); Patricia Ford of San Luis Obispo, a poet; Garnet Hopkins, a counselor at the California Men’s Colony; and Annjennette McFarlin (Speech Communications).

The Smithsonian Institution exhibit, which will be presented from 8 am to 11 pm daily in the University Union Galerie, will focus attention on black people who were involved in one way or another in the Revolutionary War. It will include displays on black men and women who made significant contributions to American art, literature, politics, religion, and science during the late 1700's and the early 1800's.

The campus festival at Cal Poly will open at 7 pm on Tuesday (July 6) when the Rev. Williams, who is known as a maverick among ministers in San Francisco, speaks on "The Black Experience -- The Human Declaration" in Chumash Auditorium. Next in the program series will be Dr. Mott's presentation on "Black Literature from the White Perspective." Scheduled for 2 pm on Thursday, (July 8) in University Union 220, it will be followed by Mrs. Ford's reading of her own poetry.

Monday (July 12) is the date selected for White's audio-visual lecture. Titled "White on Black," his talk at 2 pm, also in University Union 220, is expected to present in exciting perspective on black artists and their work. "The Penal System and the Community Cop-out" will be the title of Hopkins' lecture at 2 pm on Thursday (July 15) in the same location.

BROWN APPOINTED DEAN (continued from page 1)

with agriculturalists and agricultural educators in the state and the 37 years he has spent as a student, teacher, and administrator at Cal Poly uniquely qualify him for his new role as dean," President Kennedy said.

A native of Emporia, Kans., where he attended high school, Dr. Brown enrolled at Cal Poly in 1939. After completing his bachelor's degree studies he joined the university staff as assistant grounds superintendent and, except for periods of military service and graduate study, has been with Cal Poly ever since. The new dean earned a secondary school teaching credential in agriculture at Cal Poly in 1949 and his master's and doctor's degrees at Ohio State University in 1954 and 1963, respectively. He joined the faculty of the Ornamental Horticulture Department in 1946 and became head of the department in 1954.

During the ensuing years, he has held positions of leadership in the California Association of Nurserymen; the California State Employees Association; the International Plant Propagators Society, which he served as president in 1967-68; the International Shade Tree Conference; and the Saratoga Horticultural Foundation. As a member of the Cal Poly faculty, he has been a member of the Academic Senate; chairman of the Instructional Department Heads Council; an officer of the Faculty Club; and vice president of the Faculty Advisory Committee, a forerunner to the present Academic Senate.
A ten-year-old fifth grade girl from South Pasadena is taking no chances on preparing for a career. She has already asked to be placed on the waiting list for admission to Cal Poly. The girl, whose name is Ann, wrote to the university as follows:

"Dear Cal Poly -- I am in 5th Grade and 10 years old. Ever since I was 3 I have wanted to be a Veterinary. My name is Ann my friends Tricia and Sepia are all going to go to Cal Poly. Will you please put me and my two friends on the waiting list. Please write a letter back to me tell me what should I study or practice. In the summer me and my friends get to work in a Small animal Clinic. I am a M.C.L. that is for people with a high eyeque."

Ann's request, illustrated with her own drawings of a horse, a mule, and a Snoopy, found its way to the attention of President Robert E. Kennedy, who replied:

"Dear Ann: I was very pleased to receive your letter. I hope that you and your friends, Tricia and Sepia, will all be able to attend Cal Poly. Many of our students prepare for careers for veterinarians and receive their final training at the University of California. I was glad to hear that you will be working during the summer in a small animal clinic. We believe that the way to learn how to work is to do it. You will be getting practical experience, but you will also need to have knowledge from your courses in school. I think that you must be a good student and your friends also. Be sure to study hard, especially science, mathematics, and writing. These subjects will be very important to you when you come to Cal Poly. It will be 1984 by the time you graduate from high school and are ready to come to Cal Poly. Some people think that by 1984 many things will be changed. I think that we will still have animals and still need veterinarians and that Cal Poly will still be doing a good job with students who really want to work. I am sure that if you and Tricia and Sepia have a good record as students that there will be space for you at Cal Poly when you graduate from high school."

President Kennedy speculates that the word is out throughout California that early application is necessary for admission to Cal Poly. The university, which has held a ceiling on enrollment for the past two years and will maintain the ceiling through 1979, has turned away thousands of students during this period because of lack of facilities. Kennedy, who has been a member of the Cal Poly faculty since 1940 and president since 1967, said he expected to retire before 1984, but that he hopes his successor will honor his commitment to the three South Pasadena girls if they complete their studies successfully and maintain their interest in attending Cal Poly.

**SUMMER LEAGUE BOWLING PROGRAM**

Faculty and staff members and/or spouses are again invited to sign up for the Monday night 6:30 bowling league. The league will start Monday (June 28) and end with a position round on Monday (Aug. 23). Teams will consist of 4 persons bowling 3 games each Monday night. To reserve a spot, call Ext. 1274 or sign up in the University Union Games Area.

**JUNE SALARY WARRANTS WILL BE AVAILABLE ON WEDNESDAY**

June salary warrants for faculty and staff of the university will be available at 4 pm on Wednesday (June 30), the last day of the pay period. Warrants batched by department may be picked up at the Cashier's Office, Adm. 131-E, and those picked up on an individual basis may be picked up in the Business Affairs Division Office, Adm. 114, after that time.
BAND BECOMES NATIONAL EXAMPLE

The Cal Poly Symphonic Band which has captivated both California and international audiences in recent months, has caught the ear of a national music publisher. The firm, the Hal Leonard Publishing Company of Milwaukee, Wisc., commissioned the Cal Poly band to record six pieces of music for its soon-to-be-published list of music for symphonic bands. Titled "Music for Concert Bands, 1977," the record and list of new compositions and arrangements will be sent to every school music teacher in the United States, from the junior high school to the college and university level.

William V. Johnson (music) director of the Cal Poly band, said he was "very pleased" with the four-and-a-half-hour recording session, which took place on June 2 in the rehearsal room in the Davidson Music Center. He said the band performed so well that representatives of the Leonard company decided during the session to have the band record two additional selections. "The band read over the music once, and then recorded it on the spot without any trouble," Johnson explained.

Numbers recorded by the Cal Poly band for inclusion in the publishing company's package for music teachers were "The Magic of Disney," "Animal Suite," "Sagebrush Saga," "It's a Small World," "Rollicking Reeds," and an arrangement of "Tonight" from West Side Story." Technical assistance and costs for the recording session were paid by the Leonard Company which also awarded a $600 grant to the campus Music Club in appreciation for the band's cooperation.

PARAFOILS RECOVERED VIA BOOM

Boom recoveries of remotely piloted vehicles (RPV's) using parafoils have been successfully completed for the first time by a team of engineering students and faculty. Led by John Nicolaides (Head, Aeronautical Engineering) the Cal Poly team has completed 18 RPV boom recoveries using a U.S. Navy vehicle and university parafoils. Two of the successful flights were from the Coast Guard cutter Cape Hedge, which is stationed at Morro Bay.

The Navy RPV used by the Cal Poly team normally flies in excess of 75 miles per hour, but when the parafoil is deployed, the RPV-parafoil has a speed of about 15 miles per hour that provides slow and controlled flight and assures easy boom recovery. Dr. Nicolaides said the boom used in the recovery tests consists of a simple vertical pole 15 feet in height topped by a horizontal pole of 15 feet with retrieving hooks. The parafoil was also used to launch the RPV's from the bow of the Cape Hedge.

The 16 land recoveries of RPV's with parafoils were carried out with the boom attached to the bed of a pick-up truck. The parafoil flight test program is being carried out by Dr. Nicolaides and students under contracts with the U.S. Navy and the U.S. Air Force with the cooperation of the U.S. Coast Guard.

BOOKSTORE WILL CLOSE FOR INVENTORY

Mary Lee Green (Manager, El Corral Bookstore) has announced that the store El Corral will be closed for inventory from Monday (June 28) until Monday (July 5). On Tuesday (July 6) the Bookstore will resume its regular summer hours of 7:45 am to 4:30 pm, Monday through Friday and will be closed on Saturdays and Sundays. While closed for normal business, any textbooks which arrive late for the opening of classes may be purchased at the back door. The store administrative offices will remain open during the week.
NEW FOOD DRYING GRANT RECEIVED

Cal Poly has been awarded a $268,889 federal contract by the Energy Research and Development Administration for the first phase of a three-year research project on the use of solar energy for food dehydration. Congressman Burt L. Talcott of the 16th Congressional District notified Cal Poly President Robert E. Kennedy of the contract award. Interest in the possibility of utilizing solar energy for food dehydration has been accelerated since the industry has been put on notice that natural gas will not be available for food drying after 1979.

Natural gas is the primary source of heat utilized in processing the $450,000,000 in dried fruit and vegetables that are processed each year in California. Under the contract, Cal Poly will work with TRW Defense and Space Systems of Redondo Beach in designing a solar energy collector and heat storage system for use in a commercial dehydrator operated by Lamanuzzi and Pantaleo at 2510 N. Grantland Ave., Fresno. Lamanuzzi and Pantaleo has agreed to provide up to three quarters of an acre for the collector site. Pacific Gas and Electric Company also will contribute manpower expertise to the project.

The research project, under the auspices of the Cal Poly Foundation, will be directed by Edgar J. Carnegie (Agricultural Engineering) assisted by an interdisciplinary team of seven other Cal Poly faculty. The first phase of the project will take nine months. It involves the design of the solar collector, heat exchange, and heat storage system. It will include an analysis of data from L&P's dehydrator; development of a computer program to optimize the solar collector; study of the economics of the proposed system; development of the final design for the solar collector, heat storage, and heat exchange system; and construction of mockups of critical design components.

If the design phase proves acceptable to ERDA and the second and third phases are funded, the system will be built and its performance evaluated. The second and third phases would require another 12 months each. The cost of the total development program is projected to be over $1 million. In his proposal to ERDA, Carnegie points out that solar energy is particularly applicable to the food dehydration industry because much of the industry has seasonal operations coincident with high solar radiation. The ERDA project will extend the practical application of earlier research conducted at Cal Poly and elsewhere.

Carnegie said the feasibility of substituting solar energy for natural gas in the food industry has already been tested by Thomas M. Lukes (Head, Food Industries) under a $254,000 National Science Foundation grant. The Lukes study, completed last December, indicated that solar energy is a feasible source of heat for drying when costs of fuel oil, the most likely replacement for natural gas, reach $17 per barrel. Carnegie served as project engineer for the National Science Foundation solar energy research at Cal Poly.

BICENTENNIAL TIME-LINE

Richard Henry Lee writes that captured British sailors were dispersed throughout the colonies and sometimes allowed to work as laborers, "thus to become Citizens of America instead of its enemies."
Arthur C. Duarte (Agricultural Management) was the moderator for the Rural Appraisal and Management Almond Orchard Seminar sponsored by the California Society of Farm Managers and Rural Appraisers. The Seminar was held June 9 at the Visalia Convention Center.

Mary L. Johnson (Secretary, Executive Vice President) sends a note: "I was going to say thanks for your thoughtfulness which has filled my years at Cal Poly with beauty and sunlight-drenched happiness, with joy and pleasure and moments of exquisite radiance, and many, many years of riches of the heart, the mind, and of the spirit . . . . but words fail me. I would like to say, though, that I am very sorry I was unable to speak to everyone who came to my retirement coffee get-together and the luncheon for Francine Hapgood and myself but you know how very much I appreciate my friends attending. I will miss all of you and thanks so much to everyone."

Robert F. McDonnell (Head, English) and Brent H. Keetch (English) attended a conference on Student Writing Skills sponsored by the Chancellor's Office. Sue D. Johnson (Learning Assistance), Lezlie A. Labhard (Chair, Academic Senate), and David M. Grant (Associate Dean, Academic Planning) also attended. The topic of the conference was the implications of the recent actions of the CSUC Trustees authorizing an entrance writing examination, and faculty workload credit for remedial composition.

Jay D. Farbstein and Paul M. Wolff (both Architecture and Environmental Design) attended the Environmental Design & Research Association's Seventh Annual Conference held at the University of British Columbia, May 25 to 28.

Steven C. Orlick and Joseph M. Kourakis (both Architecture and Environmental Design) attended the United Nations Conference on Human Settlements "Habitat" held May 31 to June 4 in Vancouver, British Columbia.

George J. Hasslein (Dean, Architecture and Environmental Design) was the keynote speaker at the Santa Barbara Chapter of the American Institute of Architects meeting which was held in conjunction with the Santa Barbara Chapter of the Building Industry Association in Goleta on June 2.

Helmut L. Schleicher (Architecture and Environmental Design) attended the Director's meeting of the Association of General Contractors June 7 in Los Angeles.

William H. Brown and Paul R. Neel (both Directors, Architecture and Environmental Design) attended the Whitcomb Seminar sponsored by the Chancellor's Office in Santa Barbara June 7 to 9.

William M. Alexander (Head, Political Science) and A. P. Sharma (Political Science, Aligarh Muslim University, India) are authors of "Village Government in India: Some Observations," Indian Journal of Politics, December, 1975.

Robert H. Frost (Head, Physics) volunteered his time on Saturday, May 1, to administer the annual American Association of Physics Teachers Competitive Examination for High School Students.

Eugene L. O'Conner (Business Administration) is directing a program offered through the federal government's Small Business Administration in conjunction with the Business Administration Department. An article mentioning Cal Poly's work in the Small Business Institute was published in the June 7 issue of Newsweek.
CANDIDATES FOR FACULTY AND STAFF POSITIONS SOUGHT

Vacant support staff positions have been announced by Robert M. Negriani, Staff Personnel Officer. Descriptions of the positions and other vacancies are posted outside the Personnel Office, Adm. 110, ext. 2236. Contact the Personnel Office to obtain an application. This university is subject to the requirements of Executive Order 11246 and is an Affirmative Action and Title IX Employer. All interested persons are encouraged to apply. The positions are:

**Clerical Assistant II-A ($603-$734/month), Library, Academic Affairs Division.** Duties & responsibilities include charging and discharging books; keypunching; filing; shelf-reading; assisting with overdues and fines procedures; and other duties as assigned. Requirements: high school education, 1 year of clerical experience, typing 45 wpm, and must have taken the General Clerical Test. Some evening and weekend hours. Closing date: July 1, 1976.

**Technical Assistant II ($813-$988/month), Home Economics, School of Human Development & Education.** Temporary help (half time: 9/1/76 to 11/30/76 and full time: 12/1/76 to 5/31/77). Duties include purchasing groceries and equipment; issuing equipment and supplies; equipment maintenance; and other work as needed. Requirements: 1 year's experience as Technical Assistant I or 2 years experience in related work. Appropriate bachelor's degree desirable. Closing date: July 1, 1976.

Candidates for positions on the faculty of the university are presently being sought according to Donald L. Shelton, Director of Personnel Relations. Those interested in learning more about the positions are invited to contact the appropriate dean or department head. This university is subject to the requirements of Executive Order 11246 and is an Affirmative Action and Title IX Employer. All interested persons are encouraged to apply. Following is a description of the available positions:

**Lecturer ($849-$1194/quarter, dependent upon qualifications), Music Department, School of Communicative Arts & Humanities.** Duties & responsibilities include teaching 3 one-unit classes in woodwind instruments during Winter & Spring Quarters. Candidates must have had college-level training in music or the equivalent with successful college teaching experience in woodwinds. Position contingent upon enrollment and available funds. Deadline to apply: July 15, 1976.

**Lecturer ($6926-$9288/salary based on 9-unit teaching load and will vary depending on assignment), Foreign Languages Department, School of Communicative Arts & Humanities.** Duties & responsibilities include teaching one, two or three classes in elementary and intermediate French, German, Spanish, Japanese and Chinese. Applicant's should possess a Master's degree and some teaching experience. Possible openings for Fall, Winter and Spring Quarters, 1976-77.

**Lecturer ($12,732-$15,480/year), Child Development, School of Human Development and Education.** Duties & responsibilities include teaching 12-15 units of courses in Family Studies. Candidates must possess a Master's degree or Doctorate in Family Studies, Family Counseling or closely-related field; must provide demonstrable evidence of outstanding teaching ability at the college level. One-year appointment. Deadline to apply: July 15, 1976.

**Lecturer ($2547-$3096/year), Child Development, School of Human Development and Education.** Duties & responsibilities include teaching a 3-unit course in the Afro-American Pre-School Child. Candidates must possess a Master's degree or a Doctorate in Child Development or a closely-related field; must provide evidence of outstanding experience and/or potential in the area of cross-cultural studies. One-year appointment. Deadline to apply: July 15, 1976.