New Emeriti named

Ten former employees of Cal Poly have been recognized as emeritus members of the university’s faculty and support staff. Among those named by the university’s president, Dr. Robert E. Kennedy just before his retirement on Feb. 1, are six former members of the faculty and four former support staff members. All had retired from university service since June 1 of last year.

Faculty honored were Roy E. Anderson (Accounting) who first joined the university in 1949; John D. Lawson, (Director, Activities Planning Center) 1951; Leo E. Rogers (Engineering Technology) 1954; Chester H. Scott (Mathematics) 1952; Ellen T. Stookley, (Home Economics) 1961; and J. Baron Wiley (Education) 1956.

Support staff members receiving the award were Lloyd R. Evans (Grounds) 1959; Viola E. Hughes (Student Health Center) 1956; Valdora Myers (Student Health Center) 1960; and Lee Owen (Plant Operations) 1946. The honorary emeritus title is conferred at retirement on employees who have been at the university for 15 or more years. It carries with it special privileges for use of campus facilities and services.

Staff will elect library rep

Nominations are now being accepted for staff members from the Library representing the University support staff for the Consultative Committee for selection of the Director of the University Library. As stated in Campus Administrative Manual 315.8...

"When a vacancy occurs in the Director, University Library position, the President will notify the chairpersons of the Academic and the Staff Senates and the President of the ASI and will request that a consultative committee be formed." One staff member shall be elected from the Library representing the University support staff.

Nomination of the staff member from the Library will be by petition with ten signatures from Library staff required in order to place a staff member’s name on the ballot. The petitions are to be submitted to the chairperson of the Staff Senate elections committee, Stephen Adams.

The elections committee of the Staff Senate will conduct an election in each of the appropriate areas of the University. Staff members will vote for one candidate from a slate of Library staff nominees. The candidate(s) receiving the most votes will be the member(s) of the consultative committee. Petitions of nomination must be returned to Stephen Adams in person to the University Union, ASI Business Office, Room 202 by Tuesday (Feb. 27) to be eligible. The election for this one seat will be conducted by mid March.

Defensive driver training program

The Defensive Driver Training Program will be held on Tuesday (March 6) through Friday (March 9). The classes will be scheduled both in the morning and the afternoon and they will last approximately 3 1/2 hours. All staff, faculty and students who have never received Defensive Driver Training cards must attend a class if they wish to drive state vehicles. Attendance is by reservation in advance, on a first come first serve basis. Space is limited and may be reserved by completing reservation forms available at the Transportation Services Office. For further information please call Ext. 2451.

Antique instruments featured in recital

Family tradition is the story behind the violin-piano duo of Rebecca Brooks and Ronald Ratcliffe (Music) which will give a free recital on Friday, (Mar. 2) at Cal Poly. Sister and brother, Mrs. Brooks and Ratcliffe will perform a sonata recital at 8:15 pm in the Cal Poly Theatre. The public is invited to attend.

Works by the classic composers J.C. Bach, Haydn, Mozart, Beethoven, which are appropriate to the early piano, will be performed by the duo. Ratcliffe, who is recognized as an authority on early pianos, will perform on a modern copy of a Viennese Classic Piano of the type used by Mozart. Mrs. Brooks, who has served as concertmistress of the Kern Philharmonic for 15 years, is the wife of Bakersfield College music professor Dale Brooks. A member of the Seattle Symphony and a principal member of the San Luis Obispo Mozart Festival Orchestra, she also performs with her pianist husband.

Ratcliffe, who joined the Cal Poly Music Department faculty in 1963, has earned a reputation on the West Coast as a performer on both harpsichord and piano. He has also performed on a BBC-TV program shown twice a month in the United Kingdom, in which he plays several historic keyboard instruments.

The fortepiano Ratcliffe will use for the March 2 campus recital is a copy of the 18th century German- or Viennese-action piano that was favored by composers of that era. "The tone is produced by small, leather-covered hammers hitting lightweight strings in an all-wood instrument without a metal frame," he said. "Its shallow touch and light, concise sound was an innovation to the 18th century composer in that it was capable of creating both loud and soft dynamic levels as well as dynamic nuance."

Ratcliffe said the classic sonatas programmed for the recital at Cal Poly will demonstrate the transition of the violin-piano sonata in the late 18th century from a keyboard sonata with a simple violin obligato to the full-fledged duo-sonata with equal musical treatment for the two instruments.
Humor in music is topic of talk

Stanley A. Malinowski (Music) will use "Humor in Serious Music" as the title of his remarks for the next program in the 1979 Art and Humanities Series. The program is scheduled for 11 am on Thursday (Feb. 22) in University Union 220 on campus. Admission will be free and the public is invited to join faculty and students in attending.

Director of the university's glee clubs since 1973, Dr. Malinowski has participated in and directed many choirs and glee clubs over the years. Before coming to Cal Poly, where he has directed the Men's and Women's Glee Clubs, the Collegiate Quartet, and the PolyPhonics, a mixed ensemble, he was choral conductor at Cornell University.

Dr. Malinowski's Arts and Humanities Series presentation will include a demonstration of the humor in music ranging from that of Mozart to P.D.Q. Bach. Still remaining on the winter portion of the campus series is a lecture by cartoonist Dale Hale on Thursday (March 1). He is scheduled to speak on "Is the Fun in the Funnies Gone?" The series is presented by the School of Communicative Arts and Humanities as a service to the university and the community.

Winter Band Concert

Cal Poly's annual Winter Band Concert, offering performances by the Cal Poly Symphonic Band, University Winds, and Studio Band, is scheduled for Saturday (March 10) at 11:15 pm in Chumash Auditorium. The bands, directed by Roger Heath (Music) will perform a variety of music from marches and novelty to serious works, including a recently discovered composition by Richard Wagner.

Heath is serving as director of bands at Cal Poly while the university's regular director of bands, William V. Johnson, is on a year-long sabbatical leave.

Tickets for the March 10 concert will be sold beginning Wednesday (Feb. 28) by members of the band and at the University Union Ticket Desk. Prices will be $3 for adults and $1.50 for students. The campus concert is being presented by the Cal Poly Music Department and the ASI Musical Board of Control.

Occupational Cancer Seminar

Richard Brug (Director of Public Safety) has announced that an Occupational Cancer Seminar has been scheduled for employees who are interested in occupational cancer prevention and laboratory safety. Fred Ottoboni, Coordinator, Special Education Programs, Department of Industrial Relations, and members of his staff, Virginia Lew, Industrial Hygienist and Ann Horton, Health Education Consultant, will present the Occupational Cancer Seminar on Tuesday (Feb. 27) at 11 am in Science E-27.

The one hour Seminar will present information concerned with occupational cancer in industrial and academic laboratories and the proper procedures for carcinogenic (cancer producing) chemicals when used, stored or otherwise handled in laboratories at the university. It is suggested that employees having an interest in occupational cancer prevention or a responsibility for laboratory safety adjust their work schedules so they can attend. Questions from the audience will be welcome.

Books at High Noon

Carl Lutrın (Political Science) will review Arthur M. Schlesinger Jr.'s Robert Kennedy and His Times on Tuesday (Feb. 27) at 12 noon in the Staff Dining Room. Dr. Lutrın has been at Cal Poly since 1970, and teaches courses in American Government, International Politics, and the Presidency.

Schlesinger, the Pulitzer Prize-winning author of The Age of Jackson and A Thousand Days devotes over 900 pages to an intimate portrait of Robert F. Kennedy, the man and the politician. With total access to Kennedy's private papers, letters, and journals, Schlesinger presents information not previously available to the public about the forces which shaped Kennedy's political career.

Books at High Noon is sponsored by the Cal Poly Library and meets each Tuesday in the Staff Dining Room. This is the final presentation for the Winter Quarter. All the books reviewed at Books at High Noon are available in the University Library.

AID United Givers drive report

The faculty and staff of Cal Poly contributed $27,464.10 to the San Luis Obispo County Youth and Service Agencies during the recently completed AID/United Givers Campaign. Even though the total is $1,807.31 less than the $29,271.41 contributed during last year's drive, 102 additional contributors participated this year to this worthwhile charity. The university is proud of this participation during a year in which Cal Poly employees did not receive a pay increase even in the face of severe cost of living increases.

Funds contributed in the campus fund drive are distributed by AID United Givers to non-profit youth and service agencies operating in San Luis Obispo County. These include Achievement House, American Cancer Society, American Heart Association, American National Red Cross and Boy Scouts. Also, receiving funds from the drive are the Camp Fire Girls, Children's Home Society of California, Easter Seal Society, Family Services Center, Functional Living, Inc., Girl Scouts of the USA, Grass Roots II, Mental Health Association, Middle House, Muscular Dystrophy Association, National Foundation - March of Dimes, Salvation Army, San Luis Obispo County Hotline, Y.M.C.A. as well as other charities specified by the donor.

Appreciation is expressed to all Cal Poly personnel who so generously supported this year's AID United Fund Drive.
New employees, transfers and promotions

Donald L. Shelton (Director of Personnel Relations) announces the following appointments to new positions, transfers and promotions for the support staff personnel for Jan. 1979. A hearty welcome is extended to the new members of the Cal Poly Staff and congratulations to those that have been promoted!

NEW EMPLOYEES

Elisia Barbica, Student Affairs Assistant, Counseling; Virginia Black, Student Affairs Assistant, Counseling; Wanda S. Bolt, Clerical Assistant, Architecture & Environmental Design; Antonio Burgos, Custodian, Plant Operations; Margaret Censullo, Student Affairs Assistant, Counseling; Marilyn J. Dauffenbach, Registered Nurse, Health Center; William E. Davis, Custodian, Plant Operations; Johanna T. DeRosby, Departmental Secretary, Financial Operations; Gary A. Elem, Student Affairs Assistant, Counseling; Lane C. Fleming, Operating Engineer, Plant Operations; Gloria Griffin, Student Affairs Assistant, Counseling; Carl J. Grilli, Carpenter, Plant Operations; Doris L. Harvey, Departmental Secretary, Education; Barbara Hawkins, Clerical Assistant, Extended Education; Michel A. Hignite, Clerical Assistant, Admissions & Records; Kay E. Holmes, Clerical Assistant, Library; Coleen K. Kubel, Public Safety Dispatcher, Department of Public Safety; Shirley Long, Custodian, Plant Operations; Leona Martin, Student Affairs Assistant, Counseling; Susan J. McCracken, Data Entry Operator, Financial Operations; Wayne E. Norris, Custodian, Plant Operations; Douglas B. Ogle, Photographer, Audiovisual; Debra L. Poulos, Registered Nurse, Health Center; Mike C. Ragatz, Custodian, Plant Operations; Barbara L. Schmidt, Registered Nurse, Health Center; Bessie L. Stanberry, Custodian, Plant Operations; Sharon L. Sutliff, Clerical Assistant, Health Center; Nancy L. Wilkinson, Clerical Assistant, Financial Aid; Laurie E. Yates, Clerical Assistant, Financial Aid.

TRANSFERS

Florence Hayes-Bautista, Clerical Assistant, Health Center; Darlene Lindsey, Clerical Assistant, Admissions & Records; Kathy Miller, Clerical Assistant, Activities Planning Center; Ann Rupley, Clerical Assistant, Admissions & Records.

PROMOTIONS

Linda Fritch, Departmental Secretary, Economics; Jan Jamison, Departmental Secretary, Physical Education; Edward Lunn, Head Resident, Housing; Michael Rivers, Lead Groundsworker, Grounds Department; Stephen Schroeder, Supervising Public Safety Officer, Department of Public Safety; Carol Schuldt, Library Assistant, Library; Vicki Stover, Assistant Budget Analyst, Financial Operations; Kenneth F. Zigler, Technical Assistant, Audiovisual.

Luncheon to recognize staff

A buffet luncheon honoring support staff employees who have 10, 15, 20, 25, & 30 years of Cal Poly service will be held at Vista Grande Restaurant on Tuesday (Mar. 20). Faculty and staff of the university are encouraged to attend this event sponsored by the Staff Senate. Cost of the luncheon will be $3.25. Tickets may be purchased from Pam Clark (Payroll) Ext. 2605, Sandy Harris (Payroll) Ext. 2605, Cathi Atherton (Management) Ext. 1301, Ruth Palmer (Foundation Accounting) Ext. 1113, Meg Phillips (Physics) Ext. 2448, Linda Rinaldi (Personnel) Ext. 2236, Gail Simmons (Ag. Education) Ext. 2803, Marilyn York (Properties) Ext. 2570. Tickets will be sold through March 15. No tickets will be sold at the door.

Short play survives

A performance of "Out at Sea," an offbeat comedy by Slawomir Mrozek, will be presented in Cal Poly's Studio Laboratory Theatre at 8 pm on Tuesday (Feb. 27). The play will offer a comical look at the problem of three shipwrecked survivors, who, with food supplies exhausted, must decide which of them will be eaten by the other two survivors.

Directed by Kirt Kisling, a speech communication student, the play will feature Alison Nigh, Leslie Scatchard, and Kim Crumley in the major roles. The play, performed as part of a directing course will be presented in Davidson Music Center 212. Admission will be free and open to the public.

The return of excess supplies of inter-campus mail envelopes is being requested by the General Office. Offices and departments that have quantities of the envelopes in excess of their needs are asked to return them to the Mail Center.

Cal Poly Report copy intended for the next issue should be submitted to Betty Holland, Adm. 125, Ext. 2576, prior to 12 noon on Monday.

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

STAFF VACANCIES

Vacant support staff positions have been announced by Robert M. Negrand, Staff Personnel Officer. Descriptions of the positions and other vacancies are posted outside the Personnel Office, Adm. 110, Ext. 2236. Contact the Personnel Office to obtain an application. The University is subject to all laws governing Affirmative Action and equal employment opportunity, including but not limited to Executive Order 11246 and Title IX of the Education Amendments Act and the Rehabilitation Act of 1973. All qualified persons are encouraged to apply.

Book Repairer, $739-$882/month, Library. Duties: Mends books and puts protective covers on library materials. Involves use of binding equipment and tools. Bindy experience desirable. Must have taken the General Clerical Test. Flexible 40-hour work week. Closing Date: 3-8-79.

Clerical Assistant I-A, $729-$871/month, Library. Duties: Coordinates fines and billing operations, processes holds and releases with the Records Office; performs and coordinates all monies functions within the Dept.; and performs other clerical duties as assigned. Equivalent to one year general clerical experience, type 45 wpm, and must have taken the General Clerical Test. Flexible 40-hour work week, some evening and weekends. Closing Date: 3-8-79.

Departmental Secretary I-B, $814-$974/month, Housing Manager. Types correspondence; takes and transcribes dictation; files; maintains accounts; assists in planning and scheduling of summer conference groups. Requirements: Two years general clerical experience, type 45 wpm, shorthand 80 wpm, and must have taken the General Clerical Test. Closing Date: 3-8-79.

Custodian, $759-$906/month, Two positions. Plant Operations. Sweeps, scrubs, mops and polishes floors, blackboards, windows, and venetian blinds. Locks and unlocks doors and windows, empties trash cans and wastebaskets. Cooperates with faculty and staff in moving furniture and equipment. Assists in special activities such as athletic events, assemblies and graduation. One year custodial experience preferred. Hours: 10:30 pm to 7:00 am, Mon. - Fri. Closing Date: 3-8-79.

Lead Custodian, $829-$992/month, Two Positions. Plant Operations. Guides, checks, corrects, reports on and works with a group of custodians, trains and instructs custodians in the proper use of equipment, materials and accepted custodial techniques, assists custodians in the performance of their duties, makes inspections, reports faulty equipment and repair needs. Requirements: Two years of custodial experience where the individual has shown supervisory potential. Hours: 10:30 pm to 7:00 am Monday through Friday. Closing Date: 3-8-79.

FACULTY VACANCIES

Candidates for positions on the faculty of the University are presently being sought, according to Donald L. Shelton (Director of Personnel Relations). Those interested in learning more about the positions are invited to contact the appropriate dean or department head. This University is subject to all laws governing Affirmative Action and equal employment opportunity, including but not limited to Executive Order 11246 and Title IX of the Education Amendments Act and the Rehabilitation Act of 1973. All qualified persons are encouraged to apply.

Lecturer, $1188-$1302/month, depending upon qualifications and experience. Full-time position available June 18 through August 30, 1979. Duties include teaching Basic Photography. Minimum qualifications: formal photographic training from an accredited school/university; Masters degree preferred, but Bachelor's degree plus specialized photographic training and teaching experience may, in some instances, be accepted. Closing Date: 3-15-79.

Lecturer, $4,752-$5,712/quarter, Agricultural Management Dept., School of Agriculture and Natural Resources. Duties: Teach Farm Records primarily. Position for the Fall Quarter 1979 only. Closing Date: 4-15-79.

Lecturers 1/5 time base, $724-$772/quarter, Mathematics Dept., School of Science and Mathematics. Part-time positions available for 1979-80 academic year. Position available September 17, 1979. Duties include an instructional load ranging from 3-12 hours per week per quarter. Minimum requirements: Master's Degree; work towards Doctorate desirable. Closing Date: 8-1-79.

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


Michael T. Hanson, Natural Resources Management, presented a paper titled, "Comparison of Avian and Peromyscus Populations in an Introduced Eucalyptus Grove Versus Native Coastal Communities" at a conference of The Western Section of The Wildlife Society held in Long Beach, Feb. 2 and 3.

Russell H. Brown, Dean of Students, presented a workshop entitled "Staff Development or Self Development?" at the Western Deans/NASPA Regional Conference in Oakland, Jan. 30.

David G. Williamson, Chemistry, delivered a talk on Thermochemical Water Splitting as an Alternative Energy Source to the California Association of Chemistry Teachers meeting on Mar. 10 at Cal State Fullerton.

Richard R. "Joe" Harper, Head Football Coach, was the guest speaker at St. Paul's High School, Santa Fe Springs, Nineteenth Annual Football Banquet on Jan. 27.
This issue of EN reports on general research opportunities offered by the Department of Defense (DOD). The DOD has supported basic research for many years, predating such agencies as the National Science Foundation and the National Aeronautics and Space Administration. Many research projects supported by DOD are not "classified," and therefore could be pursued on campus (see CAM 452.2 for Cal Poly's policy on "classified" research).

The present DOD research program includes research in such fields as physics, chemistry, mathematics and engineering, and those aspects of the environmental, biological, medical, and social sciences that are unique to the military. About 40 percent of the research program is performed in the DOD laboratories, 40 percent in universities and colleges, and most of the remainder in industry.

Five organizations in DOD have major responsibilities for the research program: Army, Navy, Air Force, The Defense Advanced Research Projects Agency (DARPA), and Office of the Under Secretary of Defense for Research and Engineering (USDRE). USDRE (formerly the Director of Defense Research and Engineering) has the overall responsibility to set funding levels and provide policy and guidance for the DOD research, development and acquisition programs.

Each Military Department has an Office of Research which manages most of the contract research programs. The names and addresses of the Technical Directors are as follows:

ARO    Dr. Herman Robl
       Technical Director
       Army Research Office
       P.O. Box 12211
       Research Triangle Park, NC 27709

AFOSR  Dr. Lawrence C. Kravitz
       Director
       A.F. Office of Scientific Research
       Bolling AFB
       Washington, DC 20332

ONR    Dr. James H. Schulman
       Technical Director, Acting
       Office of Naval Research
       800 North Quincy Street
       Arlington, VA 22217

DARPA  Dr. Robert Fossum
       Director
       Defense Advanced Research Projects Agency
       1400 Wilson Boulevard
       Arlington, VA 22209

Some major management initiatives taken recently by the Department of Defense are the following:

- Commitment to real growth of DOD basic research funding.
- Increase emphasis on university research, particularly in areas of DOD interest.
- Increase support of long-term and higher risk research.
- Increase the size of awards and when appropriate, use block programming.
- Increase support of scientific/engineering equipment.
- Develop Master Research Agreement to shorten and simplify the proposal to award process.

The DOD is very interested in novel new ideas in basic research. Don't prejudge whether DOD will be interested. Program officers there say, "If you have a good idea, send us the proposal."
A few areas presently focused on are the following:

. Basic knowledge of the generation, detection, and control of electromagnetic radiation, its propagation and scatter, for improved capability in remote sensing, target identification, and guidance.

. Fundamental limits concerning the fabrication and operation of microelectronics. Research to develop the understanding of ultra-small electronic devices $(20 \text{ Å} \text{ to } 1000 \text{ Å})$.

. Theoretical base for software engineering, including structural design methodologies, relationships between abstract specifications, computer language semantics, program verification, and software testing and reliability.

. Development of techniques for ultra high resolution atomic and molecular spectroscopy and for detection and identification of transient chemical and biological species.

. Activation and control of neuro transmitter molecules to understand the control of basic functions and behavior in the animal.

. Fundamental forces that govern the mechanical properties of metals and alloys, the behavior of phase boundaries, and calculation of phase diagrams from first principles.

. Feasibility of using ground based high frequency transmitters to modulate the field aligned currents in the Auroral zone.

. Fundamental microscopic interactions of small gas phase atoms and molecules.

. New techniques to produce materials with tailored properties by control of structure on atomic and microstructural level.

. Fundamental research associated with crew, group, team, unit performance and effectiveness.

. Develop miniturized low-cost oceanographic monitoring systems that can be deployed from aircraft or installed on ships of opportunity—remote sensing of the ocean and the atmosphere.