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CAL POLY REPORT

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Northridge band will perform

The California State University, Northridge, Wind Orchestra will present a concert at 8 pm on Saturday (Oct. 27) in Chumash Auditorium. Tickets for the event are priced at \$2.50 for adults and \$1.25 for students and children. Proceeds from the concert will benefit the Cal Poly Mustang Marching Band's travel fund.

The 55-member Cal State Northridge ensemble will present a program of contemporary and classical wind music under the conducting of David White-well, one of the nation's foremost university band conductors. Included in the program will be two major works for band that have just arrived in the United States from the People's Republic of China.

Appearing as soloist with the Northridge band will be Evert van Tright, an oboist from the Netherlands who became solo oboist with Brabant Orchestra at the age of 16 and has appeared in recent years with the Vienna Symphony Orchestra and at festivals in Darmstadt, West Germany, and Warsaw.

William V. Johnson (Music) director of bands at Cal Poly, said lodging in local homes for members of the Cal State Northridge band will be needed. Local residents interested in housing one or more of them are invited to telephone Ext. 2556 or 2607.

HOMECOMING ACTIVITIES

Preparations are underway as Cal Poly's 1979 Homecoming approaches. The theme this year is "Time Out for Homecoming," with Friday and Saturday (Oct. 12 and 13) reserved for activities welcoming honored alumni.

The activities officially began with the Host and Hostess pageant on Tuesday (Oct. 9) in Chumash Auditorium. The Host and Hostess will preside over the many activities during the Homecoming Week.

Gary Hinze and the "Run-A-Muc" Band will perform during a rally on Thursday, Oct. 11, at the 11 am activity hour in the University Union Plaza. Grand Marshall of Homecoming is Roy "Silver Fox" Hughes, former football coach of the Cal Poly Mustangs. Hughes coached the Mustangs from 1951 to 1961 during which time the Mustangs won six California Collegiate Athletic Association titles. Hughes retired from coaching in 1961, then spent 10 years teaching physical education. He retired in 1971.

Hughes will lead the Homecoming Parade in downtown San Luis Obispo, starting at 10 am on Saturday (Oct 13). A chicken barbecue will be held at Poly Grove at 5 pm on Saturday (Oct. 13). Tickets are \$3.50 in advance and \$4 at the gate.

The Cal Poly Mustangs will meet the Northern Colorado Bears at the Homecoming football game. Halftime activities will include awards for the Honored Alumni and a performance by the "Pride of the Pacific," Cal Poly's Marching Band.

Following the game, the Music Machine will provide the music at a dance from 9:30 pm to 1 am in Chumash Auditorium. Pat Jackson's American Dancers will perform and there will be a dance contest with Norm and Pat Jackson as judges. Tickets are \$2 for the general public and \$1.50 for students. Cal Poly's Homecoming activities are coordinated by the Homecoming Committee of the university's Associated Students Inc.

"time out
for homecoming"



Supplementary pay still in doubt

The supplementary pay increase equivalent to 7 per cent from Oct. 1, 1978 through June 30, 1979, as authorized in Senate Bill 91, is still in litigation. Although both houses of the California Legislature overrode Governor Brown's veto of the measure, payment of the increase to state employees has been delayed by legal procedures.

Originally, two lawsuits were filed in Superior Court alleging that the measure was unconstitutional. After a ruling favorable to employees by the Superior Court, the case was appealed by Howard Jarvis and Marvin Brodsky, the two proponents, directly to the California Supreme Court.

The Supreme Court, however, remanded the case to the Court of Appeals for hearing. The Appeals

Court consolidated the two cases, received written arguments from both sides, and heard verbal arguments on September 24. A decision is expected soon, but not before mid-October.

No matter what the outcome at the Court of Appeals level, representatives of both sides have indicated that they will appeal the decision to the state Supreme Court.

Meanwhile, the state Controller's Office is proceeding with the necessary computer programming to implement S.B. 91 if a final positive decision is reached. The Controller's office has indicated approximately one month will be necessary to process the checks for state employees when the green light is received.

Romero continues Quintessence

After an appearance in Washington, D.C., a critic for the Washington Star was moved to write, "He is a supreme technician. The individual movement of his right hand fingers produces a clean, strong attack on every note. It's something to see, but you can only see it in slow passages. The rest of the time it is hopeless—like trying to watch the wing beats of a hummingbird."

For his Cal Poly appearance, Romero is expected to perform Gaspar Sanz's "Suite Espanola," "Second Grand Sonata Opus 25" by Fernando Sor, "Grand Overture" by Mauro Giuliani, and other music by the composers Parreja, Villa-Lobos, and C. Romero. Series tickets are still available at \$12 for students and \$20 for the public from the ASI Business Office. For further information, call Ext. 1281. The Quintessence fine arts concert series is sponsored by the ASI Fine Arts Committee.



Health plans open enrollment continues

There is presently an open enrollment period through Wednesday (Oct 31) for health benefit plans available to Cal Poly employees. These plans include Blue Cross/Blue Shield, Cal Western Occidental, First Farwest, Los Padres Group Health, and ACSUP-American National Insurance Company.

Employees and eligible family members previously precluded from enrollment without a health statement may now be enrolled without the normal restrictions during the open enrollment period. The effective date of all changes will be Dec. 1.

Employees planning to make changes in health benefit plans must come to the Personnel Office, Adm. 110, to complete necessary documentation. For further information, contact Barbara Melvin in the Personnel Office at Ext. 2236.

Classical guitarist Pepe Romero, of the famous Romero guitarist family, will open the second annual Quintessence fine arts concert series on Friday (Oct. 19). Romero will perform music, primarily of Spanish origin, in the Cal Poly theatre beginning at 8:15 pm. The public is invited, with single tickets set at \$5.50 for public, and \$4 for students, available at the door on the evening of the performance.

Romero was born in Malaga, Spain, in 1944. He studied with his father, Celedonio Romero, and performed in public the first time in Seville at the age of ten. More recently, Romero has performed with orchestras in Cleveland, Philadelphia, Boston, New York, Los Angeles, Washington, San Antonio, Houston, and other cities. Among the conductors he has performed under have been Eugene Ormandy, the late Arthur Fiedler, Andre Kostelanetz, and Victor Alesandro.

Doctor displays theatre photos

The Cal Poly Student Health Center is currently showing the photographic works of one of its staff members, Wayne Ball. Dr. Ball has served as company physician for the Pacific Conservatory of the Performing Arts at Allan Hancock College in Santa Maria for the past ten years and during that time has experimented with available light theatrical photography.

Dr. Ball's photography has garnered many awards in amateur competition throughout the country, has been shown in international competition, and has twice been featured in one man shows in the theatre. His work may be viewed from 8 am to 5 pm daily through October at the Health Center.

Dr. Ball recently returned from the Cripple Creek mining district in Colorado where he spent a week with professional photographers, Al Weber and Morley Baer, plus 12 other photographers from across the United States, on photographic assignment for *American Preservation Magazine*. The work produced by this group will serve as the photographic nucleus for an article on Victor, Colorado, to be featured in an upcoming issue of the magazine.

Placement Center open house successful

On Wednesday (Sep. 26) the Placement Center hosted its third annual Open House to acquaint seniors with available employment seeking services. Over 200 students participated in this event, representing nearly all schools and departments on the campus.

The Placement Center staff is very pleased at the variety and number of students who attended and would like to thank the faculty and staff members who helped publicize the open house. Help in posting the flyers and in announcing the upcoming open house to classes is greatly appreciated, as is interest in the employment prospects of all students.

Placement Center personnel are always available to make class presentations which can be tailored to the class's or faculty member's time allotment and interests. Resume preparation, letters of application, interviewing tips, the on-campus interview program, Placement Center Services, and employment information resources are possible topics.

Class showings of a newly developed ten minute slide show describing the on-campus interview program and videotapes covering several topics are also available. Faculty members or club advisers interested in scheduling a presentation are invited to visit or call the Placement Center, Adm. 213, Ext. 2501.

Faculty advisers

The Activities Planning Center will host a series of informal receptions for faculty advisers of student clubs in the Galerie of the University Union. Advisers from the following schools are invited to attend on the following dates: Engineering & Technology and Business—Tuesday, Oct. 16 from 4 to 5 pm; Human Development and Education, Communicative Arts and Humanities and Division of Social Sciences—Thursday, Oct. 18, 11 am to noon; Agriculture and Natural Resources—Tuesday, Oct. 23, 4 to 5 pm. All club advisers from these schools are invited to attend. Refreshments will be served.

Symposium will feature Teller

Nuclear physicist Edward Teller will deliver the keynote address during a Symposium on Nuclear Power to be held at 7:30 pm on Thursday (Oct. 11) in the Cal Poly Theatre. Being presented by the Cal Poly student chapter of Alpha Gamma Rho, a professional and social fraternity for agriculture students, the symposium will be open to the public free of charge.

Dr. Teller's remarks on the need for nuclear power and the question of public safety will be followed by a discussion of nuclear issues by a panel of scientists moderated by Miro Todorovich of the City University of New York. Scheduled to participate in the discussion are John Blume, a structural and earthquake engineer; David Bodansky, chairman of the Department of Physics at University of Washington; John McCarthy, professor of computer sciences at Stanford; Alexander Grendon, consultant in biophysics; and Douglas Hamilton, a geologist with Earth Sciences Associates, Palo Alto.

Also scheduled to speak during the symposium is Michael Peevey, president of the California Council for Environmental and Economic Balance and a member of the Trustees of The California State University and Colleges.

Noted in recent years for his appearances in support of nuclear energy as

a vital source of electricity, Dr. Teller was a pioneer in the development of nuclear energy in the 1940s. Now a senior research fellow at Stanford and the Arthur Spitzer visiting professor at Pepperdine University, his major current research interests include new energy sources with emphasis on national planning and national and international security issues.

Todorovich, who helped found Scientists and Engineers for Secure Energy in 1976, is now executive secretary for that organization, as well as chairman of the Academic Advisory Council of the National Legal Center for the Public Interest, Washington, D.C. A physicist, he is editor of *Measure*, the publication of University Centers for Rational Alternatives, and coauthor or coeditor of several books, including "The Idea of a Modern University," "Government Regulations and the Universities," and "The Ethics Teaching and Research."

Alpha Gamma Rho's purpose in presenting the campus program is to emphasize the importance of energy to agriculture, California's largest industry, and present a variety of views on environmental and safety issues. Scientists and Engineers for Secure Energy, the California Council for Environmental and Economic Balance, and Pacific Gas and Electric Co. are cooperating sponsors.

Books at High Noon

Thomas Ruehr (Soil Science) will be the speaker at the "Books at High Noon" program next Tuesday (Oct. 16). Dr. Ruehr will review the book *Organic Agriculture: Economic and Ecological Comparisons of Organic and Conventional Farming* by Robert C. Oelhaf.

Dr. Ruehr, a graduate of Ohio State, received his Master's degree from Iowa State University and his PhD degree from Colorado State University. Along with his review he will also discuss current trends in organic agriculture and its possible effects on the future of world farming.

"Books at High Noon" is sponsored by the University Library, and the programs are scheduled every Tuesday at 12 noon in the Staff Dining Room. Faculty, staff, students, and visitors are invited to attend.

Varanini will discuss energy

The 1979 Biennial Report of the California Energy Resources Conservation and Development Commission will be the topic of an address by Emilio Varanini at 7 pm on Saturday (Oct. 13) in the Cal Poly Theatre. A member of the state commission since 1976, Varanini participated in development of the report which addresses problems and their possible solutions in California's energy future.

Among the issues he is expected to cover in his campus talk are oil production, conversion from oil to coal, power plant location, energy demand as well as coal vs. nuclear energy, geothermal energy, passive solar space heating, and new power options.

He is one of five commissioners who are responsible for implementation of state legal energy mandates in areas such as certification of electrical generating facilities, forecasting electricity needs and promoting alternative energy sources. His appearance is sponsored by the Biological Sciences and Physics Departments. Admission will be free and the public is invited.

Bookies will meet

"October Bookfest" is the theme of a collection of award-winning books that is currently on display in the lobby of the Cal Poly Library. Planned to continue through Friday (Oct. 26), the exhibit focuses attention on the current trends in book design and publishing.

The show is being presented by the University Library, Graphic Communications Department, and Extended Education Program. Admission is free and the exhibit is available for viewing during normal open hours of the library. Also part of the October Bookfest program are a pair of free public lectures scheduled for 7:30 pm on Monday (Oct. 15) in Computer Science 201.

Bill Ralph, past president of Bookbuilders West, a professional trade organization that includes book publishers, will speak on the process of choosing a book for publication. He is associated with Wadsworth Publishing Co. in Belmont. Also on the program is a talk by Muir Dawson of the Rounce and Coffin Club, a bibliographic society. Admission will be free.

'Concerned Black Community'

In accordance with the provisions of section 789 of the Campus Administrative Manual, President Warren J. Baker has approved the recognition of the "Concerned Black Community" as an official campus organization effective immediately.

As indicated in their letter of application, the purpose of the Concerned Black Community is "...promoting education, fair and equitable employment, awareness, and sensitivity to black people associated with this University and its educationally charged mission." Under the provisions of CAM, the organization may use the university name, its facilities, and its services as appropriate.

Trustees look to past

The California State University and Colleges, approaching its 20th anniversary, has launched a search for historical material that marked its beginning. This has come about through action by the Board of Trustees creating an official archives as a center for historical records storage and research involving the 19 campuses.

From its start the CSUC has been the country's largest system of four-year and graduate level institutions. Often it has been cited as a model for study in higher education governance. Yet materials on the CSUC's early history, including personal papers of key figures and their recollections of the late 1950s and early 60s, have gone uncompiled and catalogued for use of scholars.

The archives will be housed at California State University, Dominguez Hills, which sought the project and will provide staff and storage space. Private funding will be solicited for the project. Chancellor Glenn S. Dumke, in announcing the systemwide archives, praised Dominguez Hills President Donald R. Gerth, himself a student of the CSUC's early history, who helped develop the proposal.

An advisory committee will assist the archives staff. It will include present and past Trustees, retired Presidents and faculty leaders, CSUC historians and members of the general public. Not only will official records be centrally collected, but personal papers and memorabilia will be sought from legislators, former governors, trustees and others active in the CSUC's formative years.

Some participants will be asked to write individual recollections. Photographs, handbills and newspaper accounts will be sought. "Oral histories" will be tape recorded.



Poly acquires historical collection

The Cal Poly Library has recently acquired a large collection of materials, dating back to the 1870's, on the history and development of San Luis Obispo County. Included are books, pamphlets, documents, original letters and maps obtained from the collection of William P. Wreden of Palo Alto, a book dealer and longtime ranch owner on the Carissa Plains in Eastern San Luis Obispo County.

The collection will be housed in the Special Collections and Archives Department of the library and will be available to local residents who wish to use it for study and historical research, according to Robert Blesse, the departmental librarian. The collection was obtained through the assistance of the Library Associates, a newly organized group which supports the programs and activities of the University Library. Among the materials are some of the earliest subdivision maps of San Luis Obispo, Nipomo, Pismo Beach and Grover City, Blesse said. There is a large amount of early printed material in the collection, including items dealing with the founding of the Atascadero Colony and the many tourist attractions of the county. Also in the collection is a near-perfect edition of

Myron Angel's book on the history of San Luis Obispo County published in the 1880's.

"This collection constitutes a major addition to our resources for understanding and interpreting our county's rich past," said Dr. Dan Krieger, president of the San Luis Obispo County Historical Society and a member of the Cal Poly History Department faculty. "The maps of the towns during the 1880's are of inestimable value in locating place names which have long since gone out of use," he said.

It is hoped the collection will become the basis for a San Luis Obispo Regional History Collection, which will bring together a wide range of materials on the growth and development of the county, Blesse said. These materials hopefully will be acquired through donations by county residents, he said.

The historical materials acquired by the library are treated with the most modern archival preservation techniques and stored under the most favorable conditions. Blesse is specially trained in the preservation and conservation of books, documents and photos.

New employees and promotions

Donald L. Shelton, Director of Personnel Relations, announces the following appointments to new positions, transfers and promotions in the support staff personnel for August, 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

Javier Arreola, Custodian (on-call), Plant Operations; Sharie Foss, CA II-A, Admissions & Records; Judith Gallaher, Groundsworker, Plant Operations; Steven Gallardo, Student Affairs Asst. II, Financial Aid; Morse Garcia, Custodian (on-call), Plant Operations; Louise Grimm, CA II-B, School of Business; Kenneth Hald, Senior Computer Operator, Computer Center; Jeffrey Helms, Intermediate Account Clerk, Financial Operations; Patrick Hughes, Groundsworker, Plant Operations; Michael Hutt, Custodian, Residence Hall Services; Roy Jeter, Custodian (on-call), Plant Operations; Joan Kunkler, CA II-A, Library (Acq & Coll Develop).

Also, Michael Lang, CA II-A, Library (Circulation); Gayle Lawless, CA II-A,

Advisement Center; Jeffrey Malmen, Custodian (on-call), Plant Operations; Thomas May, Lead Groundsworker, Plant Operations; Connie Rea, Custodian (on-call), Plant Operations; Russell Rogers, Custodian (on-call), Plant Operations; Patrick Swartz, Custodian (on-call), Plant Operations; Joanie Virgil, CA II-A, Admissions & Records; Peter Waldburger, Equipment Technician I, Biological Sciences; Janis Walker, CA II-B, Education Department; Robert Washington, Custodian (on-call), Plant Operations; Peggy White, Equipment Technician I, Chemistry.

PROMOTIONS

Albert Depew, Building Service Engineer, Engineering Services; Lillian Hooks, Library Assistant II, Library (Cataloging); Sharon Malone, Departmental Secretary II-Steno, Landscape Arch & City and Regional Planning Depts.; Cathleen Matthews, Library Assistant II, Library (Documents & Maps); Susan O'Flaherty, Student Affairs Asst. II, Financial Aid; Frank Sardinha, Supervising Carpenter, Plant Operations.

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(s), \$16,368-\$19,680/year; based on a 15-unit teaching load and will be adjusted according to experience, qualifications and assignment. Architecture Department, School of Architecture and Environmental Design. The department seeks part-time lecturers for the Winter and Spring Quarters of the 1979-80 academic year to teach one or more courses in building science. Bachelor of Architecture, or Master's in related field, and professional experience are desirable. Bachelor's degree in related field coupled with extensive professional experience may be acceptable in lieu of a Master's degree. Closing date: 10-25-79.

Lecturer, \$16,368-\$19,680/year. Mathematics Department, School of Science and Mathematics. Duties and responsibilities include teaching a minimum of 12 hours per week of undergraduate mathematics courses, including some night classes. Applicants must possess the Doctorate in Mathematics or a closely related field. Teaching experience at a career-oriented university is desired. Position available commencing Fall Quarter 1980-81. Closing date: 2-1-80.

Assistant Professor, \$16,368-\$19,680/year. Mathematics Department, School of Science and Mathematics. Duties and responsibilities include teaching a minimum of 12 hours per week of undergraduate mathematics courses, including some night classes, student advisory activities, committee assignments and activities that promote personal mathematical growth. Opportunity to teach upper division and graduate courses in specialty as one progresses. Doctorate in Mathematics or a closely related field required. All specializations considered. Teaching experience at a career-oriented university is desired. Position available commencing Fall Quarter 1980-81. Closing date: 2-1-80.

STAFF VACANCIES

Vacant support staff positions have been announced by Robert M. Negranti, 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.

Secretary-B, \$1030-\$1234/month. Computer Center. Duties include: Purchasing, inventory control, bookkeeping and budget projections, student payroll, report preparation, general secretarial support. Should be numerically and analytically oriented. Ten-key by touch, technical editing skill, and familiarity with computing highly desirable. Requirements: Three years general clerical experience including one year with secretarial duties which provided applicant with knowledge and abilities to perform complex secretarial work involving independent judgement, accuracy, and speed; type 45 wpm, shorthand 80 wpm, and must have taken the General Clerical Test. Some college preferred. Closing date: 10-26-79.

Clerical Assistant II-A, \$843-\$1007/month. Department of Public Safety. Duties include: Typing memos, correspondence, reports; answering phones; assisting public over counter. A variety of general clerical duties including staff attendance report and student payroll. Requirements: One year of clerical experience, type 45 wpm, and must have taken the General Clerical Test. Closing date: 10-26-79.

Clerical Assistant II-A, \$843-\$1007/month. Financial Aid. Duties include: Counter receptionist receiving, directing, and referring student inquiries concerning financial aid programs; processing emergency/short-term loan applicants; processing incoming and out-going mail; maintaining document control books; general typing and filing. Requirements: One year of general office experience, type 45 wpm, and must have taken the General Clerical Test. Receptionist experience and knowledge of financial aid programs desirable. Closing date: 10-26-79.

Equipment Technician II, \$1468-\$1767/month. Mechanical Engineering Department. Ability to design, fabricate, modify and construct a wide variety of electronic and mechanical equipment. Requirements: A minimum of two years (department requesting five years) of progressively responsible experience in the design, construction, repair and maintenance of mechanical equipment and electronic instrumentation. Arc and gas welding experience required. Must have ability to work with students. Engineering Technician Certification preferred. Closing date: 11-16-79.

Clerical Assistant II-A, \$843-\$1007/month; temporary-help position. Library (Learning Resources and Curriculum Department). Duties include: Processing books and audiovisual materials, searching OCLC, general typing and filing, helping in circulation of departmental materials, and other clerical duties as assigned. Requirements: One year of clerical experience, type 45 wpm, and must have taken the General Clerical Test. Library experience or a Library Technology Course Certificate preferred. Hours: Flexible 40-hour work week, including some evening and weekend work. Closing date: 10-26-79.

Clerical Assistant II-A, \$843-\$1007/month; temporary-help position. Library (Cataloging Department). Duties include: sort, file, and withdraw cards from public catalogs and shelflist. Type and keypunch input forms for Senior Projects. Type book labels and assist with book processing, miscellaneous duties as assigned. Requirements: One year clerical experience, type 45 wpm, and must have taken the General Clerical Test. Closing date: 10-26-79.

OFF CAMPUS

California State University, Fullerton, Vice President, Academic Affairs, Deadline: 11-15-79.



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

Max Riedlsperger, History, represented Cal Poly at the National Foreign Policy Conference at the State Department in Washington D.C. June 13-14. The focus of the conference was how to better prepare the American university student in the areas of international education, area studied and foreign language.

Mary D. Williver, Vocational Education Productions, has had a feature article published in *Dairy Goat Journal*, a national magazine for goat breeders. Titled "Show Like A Pro," the article appears in the September issue with photographs by Patrick D. Smith Jr., Production Supervisor, Vocational Education Productions.

Joanne B. Ruggles, Architecture, has had her work included in Hunterdon Art Center's "23rd National Print Exhibition," in Clinton, New Jersey. The exhibit will also tour to Somerset College, Monmouth County Library, and Newark Art Library in New Jersey.

Euel Kennedy, Mathematics, was a NASA-ASEE Summer Faculty Fellow. He worked with the Mission Planning and Analysis Division at Lyndon B. Johnson Space Center in Houston, Texas. He authored two papers: Analysis of Numerical Stability and Amplification Matrices, NASA, and Lyapunov Stability and its Application to Systems of Ordinary Differential Equations, NASA, both September 1979.

Walt Elliot, Physics, co-authored "Career Oriented Pre-Technical Physics Curriculum in San Diego," appearing in the September issue of *The Physics Teacher*. Elliott served as physics consultant and chief editor for this U.S. Office of Education funded project, whose products have been tested in selected schools in Dallas, Texas, and in San Diego, California, since 1975, and are in use currently throughout the U.S. and abroad.

Glenn Wight, Chemistry, and **Tracey Call, Biological Sciences**, are coinventors on U.S. Patent 4,166,866 (Sep. 4, 1979), on "Immunosuppressive Method with Dithiocarbamates". Several patents and patent applications have resulted from their research program, under an option agreement with the Upjohn Company through Cal Poly Foundation.

Dennis Phillips, Chemistry, adviser to Cal Poly's American Chemical Society Student Affiliate Chapter, has been notified by the ACS Council Committee on Chemical Education that it has been specially commended for its outstanding activities during 1978-79. Fewer than ten per cent of Affiliate Chapters nationwide were selected for commendation.

Lloyd Beecher, History, presented a paper on Anglo-American rivalry in Africa during the Second World War at the annual meeting of the Mid-American Conference on history.

Ed Carnegie, Agricultural Engineering, and **Bill Stine, Mechanical Engineering**, attended the 1979 International Solar Energy Society meeting May 8-June 1 in Atlanta, GA. They presented a paper, written with **Phil Niles, Environmental Engineering**, and **Jens Pohl, Architecture**, titled "Operation of an Industrial Drying Solar System."

Susanne Moran, Political Science, and **Bill Stine, Mechanical Engineering**, attended a two week workshop on "Humanities and Technology" at Stanford University, Aug. 6-17.

R.C. Russell, Mechanical Engineering, and **R.T. Kombrink, Engineering Technology**, have been appointed Vehicle Design Associates of the International Association for Vehicle Design. This organization, headquarter in Milton Keynes, England, formed for the purpose of providing a source of practical information for the engineer and applied scientist who are engaged in vehicle design and research.

John H. Harris, Natural Resources Management, has had an article titled "Another Look at Decision Making: Try the Systems Approach for Parks" published in the August, 1979, issue of *Park Maintenance* magazine.

Ken Morrison, Mathematics, spoke at a Mathematics Colloquium at California State University, Chico on Friday (Sep. 21). The title of his talk was "The Space of Representations of G."

R.A. Wysock, Industrial Technology, was installed as president of the California Association of Industrial Technology on Oct. 5 at the association's first meeting of the year, held at Cal Poly. Dr. Wysock has served as vice president and sec./treasurer in the past and has been an active member for the past six years. The C.A.I.T.'s function is to promote industrial technology in higher education and provide service to industry hiring I.T. graduates.

Paul Wolff, Architecture, has been appointed Chairman of the Design Education Task Force of the Committee on Environments for People with Special Needs of the California Council, American Institute of Architects (CCAIA). This task force will promote curricula in design schools throughout the state to help sensitize future designers of the built environment to the special needs of people with disabilities.

Rolf E. Rogers, Management, presented a paper at the national meeting of the Academy of Management in Atlanta, Ga. The title of the paper was "Perceptions of Stress Among Canadian and American Managers: A Cross-Cultural Analysis." He also participated on a panel in International Management at the same meeting.

Stanislaus J. Dundon, Philosophy, had an article published in *The Journal of Value Inquiry*, Vol. XII, No. 4, Winter 1978. The article was titled "Karen Quinlan and the Freedom of the Dying."

Judy D. Saltzman, Philosophy, and **Ed Mayo, History**, attended the California Council for the Humanities in Public Policy Fall Conference, Sep. 21, as project directors of the "Work, Play and Worship" grant awarded to Cal Poly.

Helen Kelley, Art, was invited to participate in the first California Women in Professional Photography exhibit at the California State Capitol. The photographic exhibit was brought direct from Washington D.C., where it had been on exhibit in the Gold Room of the Rayburn Building, in April. California State Senator Paul Carpenter invited the 34 selected California Women Photographers to exhibit their photographic work in Sacramento from Aug. 16-26. The reception and exhibit was held in the Ping Yuen Center of the Open Ring Galleries.

Neal R. Townsend, Mathematics, spoke at a section meeting of the Western Region Mathematics Conference held in Honolulu, Aug. 8-10. His talk was titled, "Some Historical Applications of Geometry."

Corwin M. Johnson, Head, Crop Science, **Alan L. Foutz** and **John C. Phillips, both Crop Science**, attended the 71st annual meeting of the American Society of Agronomy in Fort Collins, Col., Aug. 5-10. Dr. Foutz helped to conduct the ASA National Student Speech Contest while Dr. Phillips presented a research paper titled "Description and Evaluation of Chickpea Germplasm in Coastal California."

Panagiotis A. Papakyriazis, Economics, has had an article published on theoretical econometrics titled "On the Determination of Maximum Accuracy for Regression Processes with Endogenous Variable Constraints," in the August 1979 issue of *Economics Letters*. In addition, Dr. Papakyriazis presented a paper titled "Optimal Experimental Design for Estimation of Econometric Models Using Kalman Filtering and Optimal Control Theory," at the European Meeting of the Econometric Society, held in Athens, Greece, Sep. 2-6, 1979.

Moon Ja Minn Suhr, Physical Education, attended the fifth annual International Folk Dance Symposium at University of California, Santa Barbara, Aug. 28 through Sep. 2. The symposium focused on the dances and folklore of America, Armenia, Hungary, Israel, Romania, Russia and Yugoslavia.

encouraging notes

October 11, 1979

- * FULBRIGHT AWARDS ABROAD AND GRANTS FOR GRADUATE STUDY. Brochures listing opportunities for university teaching, advanced research, and graduate study abroad are available for review in the Research Development Office.
- ** NATIONAL INSTITUTE OF LAW ENFORCEMENT AND CRIMINAL JUSTICE - VISITING FELLOWSHIP PROGRAM. The National Institute of Law Enforcement and Criminal Justice is now accepting applications for the 1980-81 Visiting Fellowship Program. This program supports research on promising new ideas relating to crime prevention and control, law enforcement, and criminal justice administration. Fellows go to the National Institute in the Washington, D.C. metropolitan area to work on projects of their own design for periods of 3 to 15 months. Fellowship awards are made through a two-phase, competitive process. The first step in the process is the submission of a 10-15 page concept paper (5 copies) and a resume (5 copies). DEADLINE: 11/15/79
- ** NATIONAL SCIENCE FOUNDATION - NATO POSTDOCTORAL FELLOWSHIPS IN SCIENCE. NATO Postdoctoral Fellowships are made for appropriate work in mathematical, physical, medical, biological, engineering and social sciences as well as interdisciplinary areas comprising two or more of the fields. Fellowships are awarded for scientific research and/or study at nonprofit institutions in countries other than the U.S. that are members of NATO. Tenure is six to twelve months full time. Criteria will include: (1) scientific competence, (2) potential for continued professional growth, and (3) potential for furthering international collaboration in science. DEADLINE: 11/2/79
- * NATIONAL SCIENCE FOUNDATION - SCIENCE FACULTY PROFESSIONAL DEVELOPMENT PROGRAM. The objective of the program is to improve undergraduate science teaching by enhancing the students' capabilities for meeting current employment requirements. Experienced university science teachers may pursue three to twelve months of research or study for the purpose of enhancing instruction. Awardees may affiliate either with academic institutions or with industrial laboratories and other nonacademic organizations, although the Foundation strongly encourages affiliation with nonacademic institutions. All arrangements for institutional affiliation are the responsibility of the grantee.

Applicants must have had five years' full time science, mathematics, or engineering teaching experience at the undergraduate level. Each applicant submits an "Activities Plan"--an individualized professional development plan of graduate or postdoctoral level study or research in one or more of the fields in which the Foundation offers awards. DEADLINE: 12/3/79
- * NATIONAL SCIENCE FOUNDATION - CHAUTAUQUA-TYPE SHORT COURSES FOR COLLEGE TEACHERS. In fiscal year 1980, NSF will support up to 14 field centers in connection with its program of Chautauqua-type Short Courses for College Teachers. The primary goal of this program is to make new knowledge about topics of current interest available to college teachers of science as quickly as possible, and in such a way that ideas and materials can be directly incorporated into current or planned undergraduate education programs. Diverse and complete information on problems in science, technology, and society is presented to and discussed by participating college teachers to facilitate use in traditional and interdisciplinary course instruction. DEADLINE: 11/16/79

* NATIONAL SCIENCE FOUNDATION - FY 1980 FELLOWSHIP PROGRAMS.

- 11/29/79 GRADUATE FELLOWSHIPS. Stipends will be \$4,320 for 12 month tenures, prorated at \$360 monthly for lesser periods. These fellowships are awarded to study or work leading to master's or doctoral degrees in the mathematical, physical, medical, biological, engineering, and social sciences, and in the history and philosophy of science.
- 11/29/79 MINORITY GRADUATE FELLOWSHIPS. Minority Graduate Fellowships are awarded for study or work leading to master's or doctoral degrees in the mathematical, physical, medical, biological, engineering, and social sciences, and in the history and philosophy of science. This program is open only to persons who are citizens or nationals of the U.S., and who are members of an ethnic minority group.
- 11/29/79 POSTDOCTORAL FELLOWSHIPS IN SCIENCE. These fellowships are intended for persons planning to enter upon or continue postdoctoral study in the sciences.

** UPCOMING NATIONAL ENDOWMENT FOR THE HUMANITIES EDUCATION DIVISION PROGRAMS.

- 11/15/79 PILOT GRANTS. This program enables an institution to test a new set of humanities courses before making a substantial commitment to the new program in terms of staffing and allocation of other resources.
- 12/15/79 CONSULTANT PROGRAM. This program enables colleges, universities and cultural institutions to obtain assistance from noted humanities teachers and administrators in developing and evaluating humanities curricula. (Additional deadlines: 3/15/80 and 6/15/80.)

** U.S. OFFICE OF EDUCATION - UNDERGRADUATE INTERNATIONAL STUDIES PROGRAM. Applications are being solicited for new projects under this program to initiate or strengthen international and global components in instructional programs. Twelve new awards averaging \$60,000 each will be made. DEADLINE: 12/5/79

** NATIONAL INSTITUTE OF EDUCATION - UNSOLICITED PROPOSALS TO CONDUCT EDUCATIONAL RESEARCH AND DEVELOPMENT. While the majority of NIE funds are awarded through competitions based upon requests for proposals and specific program grants announcements, the NIE also wishes to assist in the development of other outstanding projects relevant to NIE's mission. Consequently, the Institute encourages eligible persons and groups to originate unique ideas for improving education and to submit their ideas as unsolicited proposals.

NIE is particularly interested in receiving proposals from minority group researchers, women researchers, and researchers from institutions which primarily serve minorities and women; teachers, school administrators, and others involved in education at the local level; and scholars from disciplines not normally involved in educational research.

* ASSOCIATED WESTERN UNIVERSITIES - JET PROPULSION LABORATORY. The Jet Propulsion Laboratory in Pasadena, California, has recently announced their agreement to be an AWU Cooperating Laboratory. This will permit approved faculty members and students to participate in ongoing energy-related research at the laboratory. Further information is available in the Research Development Office.

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

** Information requested and should be available soon.