CSUC CHANCELLOR Responds to Finance Director

CSUC Chancellor Glenn S. Dumke has commented in a letter to Mary Ann Graves (Director, Department of Finance). In this letter, the Chancellor outlined in broad terms two alternatives. The California State University and Colleges would be forced to consider if Proposition 9 passes in June, and if, as a result, the CSUC would be faced with a possible 30 percent reduction in its budget, as estimated by the Department of Finance. His comments are as follows:

"My response to the Department of Finance—like that of every state agency—was shaped by the specifications included in the Department of Finance request."

"I told Graves that I shared her opinion that the passage of Proposition 9 would present all of California Government with one of the biggest challenges it has ever faced, and noted that the estimated budget limitations its passage would impose would severely curtail the ability of all public higher education to respond to the needs of the state's citizens."

"Graves was advised that this was our initial response, one that was open to discussion and modification following a hoped-for early determination by the Department of Finance of exactly what reduction in budget the CSUC ultimately would have to accept."

"While each government agency had to respond within the context of a possible 30 percent cut, there is no assurance to date that CSUC will, in fact, be required to accept this amount, and we hope fervently that we will not. It will be the responsibility of state government to review the impacts provided by all state agencies, and then determine the final allocation, taking into consideration further studies of all revenue available, including whatever state surplus monies there may be."

"But given the Department of Finance 30 percent guideline for this initial estimate, with no alternative sources of revenue, I pointed out to Graves that:

- Because almost 85 percent of the CSUC budget involves personnel costs (faculty, support staff, administration), a reduction of 30 percent— or $256 million out of a $856.3 million budget—would mean massive layoffs: I estimate this will affect 4600 faculty positions and a like number of support staff and administrative positions. Because of the requirements of Proposition 9 and existing laws affecting the state budget, these layoffs would have to take effect almost immediately following passage of the proposition. Administrative contingency planning in anticipation of the possibility of such cuts would have to begin now.

- A reduction in work force of that magnitude could not be accommodated by an increase in faculty workload, which already is among the highest in the nation among similar institutions.

- Such a reduction in work force would be translated into a substantial reduction in programs offered, and the consequent denial of access to very large numbers of students. I estimate that more than 100,000 students would not be able to be served by the CSUC.

- Enrollment reductions of the magnitude required will clearly call for extensive program review at the campus and system level. To make the best choices will require careful, sensitive analysis of all alternatives available in selecting the most appropriate categories for admission and continued enrollment of existing students. I will activate procedures for review of all programs, both academic and non-academic, in order to determine what reductions would be least damaging to the quality of instruction in the CSUC and least inhibiting of student access.

- The inability to serve all students who qualify and wish to attend CSUC campuses would constitute a major change in the basic nature of the CSUC.

"Since its inception, CSUC has operated under the mandate of the people of California to provide tuition-free education to the top one-third of high school graduates, and to the masses of students who annually have transferred to one of our campuses from the community colleges.

"I also stressed to Graves that I am sensitive to the need to try to preserve and enhance our efforts, and to maintain our progress, in student and employee affirmative action programs in the face of such cuts." (Continued on page 2)
Political activity reminder issued

"With the primary and general elections fast approaching, all of us who are state employees need to use both caution and good judgement in our job-related contacts and activities related to campaigns for elective office or for or against ballot propositions."

That word of advice came this week from President Warren J. Baker, who is reminding all those employed at Cal Poly about the limitations placed by state law on the kinds of political activities state employees can be involved in during their work hours.

He specifically mentioned an opinion of the State Attorney General that reads in part, "...use of public resources to support or oppose any candidate or to support or oppose any measure submitted to the electors for approval is improper."

The same legal opinion lists as examples of improper activities such things as the use of an employee's duty time and office supplies, telephones, photocopy or other reproduction equipment, office space, etc. Also listed as the kinds of actions which are improper are addressing or mailing of campaign newsletters or news releases, delivering or picking up campaign materials from printers, preparing or promoting campaign events, and soliciting campaign contributions on state time.

President Baker pointed out that the prohibition of these kinds of activities should not interfere with the need to provide objective and accurate information about a ballot measure such as Proposition 9, the primary election initiative know as Jarvis II.

Questions about the kinds of activities that can be reasonably used in the provision of factual information about the potential effects of Proposition 9 can be directed to Donald L. McCaleb (Acting Director, Public Affairs) Adm. 401, Ext. 2246.

Copies of legal opinions on employee activity related to political campaigns and initiatives are on file in the Personnel Office (Adm. 110) and the Faculty Reading Room in the University Library.

CHANCELLOR Responds to Finance Director (Continued)

"In summary of this alternative, one cannot escape the reality that, following the loss of jobs by faculty, staff and administrators, it is the students who would take the 'bottom-line' brunt of a 30 percent cut - or of any massive cut. It is they who would be denied access to CSUC in numbers that approximate the combined enrollment of CSU, Los Angeles, CSU, Long Beach, CSU, Sacramento, and San Francisco State University.

"I then noted to Graves that another solution worthy of consideration is the provision of an alternative source of revenue: tuition. Tuition, I emphasized, would be a regrettable change in the philosophy and policy of tuition-free education to all who qualify - a philosophy and policy that has served California so well for so many years.

"But, and it is a big but, given the alternative already outlined - specifically a 30 percent cut, and the resultant massive layoffs and denial of access - tuition of about $950, with additional provisions for those not financially able to pay tuition, would constitute a viable solution; one that would assure to the greatest degree the continuation of the institutions and programs now providing education to some 306,000 students this year, and would, therefore, preserve access to the greatest number of students possible.

"I stress that in light of our Trustees' position I would not have suggested tuition were it not for the potential passage of Proposition 9. I am suggesting this alternative to the Board of Trustees and the Legislature - both of which now are on record as opposing tuition - only in the face of a massive cut in funds. I believe that, faced with such cuts, the students would be better served by tuition, as would all the people of California. Tuition, coupled with new financial aids for those who need it, is an option through which the CSUC could protect the essential quality of collegiate instruction and provide access to the maximum number of students.

"In proposing this alternative to Graves, I stated that because of the interrelationship of the segments of higher education, coordination of the financial planning of all higher education is critical and that it is not possible for a single segment alone to plan for all the alternatives."

First Weekend Program

How to lead a balanced life, satisfying to the inner self and compassionate to others, will be discussed at the First Weekend Program to be held in University Union 216, on Sunday (Mar. 2) at 7:30 pm. Robert Cass, who has lived at the Sunrise Ranch community in Loveland, Colorado, will present his views on a balanced life. Stanislaus Dundon (Philosophy) will initiate the dialogue in which the audience is invited to participate.

"Spirit of Sunrise" has two meanings. It can refer to the spirit of a new day in human and personal experience, a day fresh with the promise of creative joy, fulfillment and meaning. It can also refer to Sunrise Ranch, the core community of a worldwide "family" of people who try to live to that potential. The First Weekend programs are sponsored by the School of Communicative Arts and Humanities and are open to everybody - students, faculty, townspeople - without charge. They provide an informal opportunity for the exchange of ideas.

Foundation Board Meeting

The Board of Directors of the California Polytechnic State University Foundation will hold a regular meeting on March 11, 1980 at 8:30 am in Adm. 409 on the California Polytechnic State University campus in San Luis Obispo, California. This is a public meeting. For further information about this meeting, or to obtain a copy of the meeting agenda, contact Al Amaral (Executive Director, Cal Poly Foundation) in University Union 212, or call Ext. 1131.

February payday

February salary warrants for faculty and staff of the university will be available at 3:30 pm on Friday, Feb. 29, the last working day of the pay period. Authorized representatives from departments whose checks are batched may pick up department checks from the Cashiers Office, Adm. 131.
Faculty cap and gown rental service. Commencement caps and gowns available at El Corral Bookstore. The rental costs are:

- **Master** $13.50
- **Bachelor** $ 7.10
- **Doctor** $16.05

Rental cap and gown orders must be received with measurements and full payment on or before Friday (April 11). Those wishing to purchase one of the above gowns will need to place their order with measurements and full payment no later than Friday (April 11).

### Commencement caps and gowns available

The following information regarding cap and gown purchases for graduation ceremonies, has been announced by El Corral Bookstore.

**RENTAL:**

The bookstore is again offering a faculty cap and gown rental service. The rental costs are:

- **Bachelor** $ 6.30
- **Master** $13.50
- **Doctor** $16.05

Rental cap and gown orders must be received with measurements and full payment on or before Friday (May 2) at El Corral Bookstore Customer Service. Orders received after May 2 are subject to a $5 special handling and transportation fee. The store cannot guarantee delivery time on late orders.

**PURCHASE:**

A choice is offered this year of four purchase cap and gowns. The purchase prices for our three traditional high quality sets are:

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**DOCTOR**

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<tr>
<td>Dactrel</td>
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### 'FANTASTICS' TRYOUTS

Auditions for Cal Poly's spring production of the musical comedy "The Fantastics" will be held Tuesday and Wednesday (Mar. 4-5) from 7 pm to 11 pm in Music Center 212. "The play is the distillation of all possible love stories," said Michael Malkin (Speech Communication) the director. "It is a play with delightful comedy, beautiful songs and warm human relationships."

The auditions for the musical consist of three parts: reading, singing and dancing. People are paired up and given a scene to prepare for about 20 minutes. The director will be looking at vocal qualities, creativity, and ability to take direction. The second step is singing. The vocal director, Kristi Dearing, will be looking at capabilities, and the ability to learn. There is no special preparation required, but a song prepared beforehand will make the audition easier.

The third part, the dancing, will be conducted by the choreographer, Kristina Engelhorn. She will be looking for people who can learn, not necessarily people who have danced all their lives. A helpful hint offered by Malkin is to read the play before auditioning. It is available, with a tape of the music, in his office, Davidson Music Center 210. "The Fantastics" will be performed May 15-17.
Quintessence concert features Ohyama

Helichiro Ohyama, principal violist with the Los Angeles Philharmonic Orchestra, will be a featured soloist with the Cal Poly Chamber Orchestra on Saturday (Mar. 1). The fourth offering of the 1979-80 Quintessence fine arts concert series, Ohyama will perform works by Bach and Telemann in the Cal Poly Theatre at 8:15 pm.

Tickets, available in advance at the University Union ticket office are $4 for students (Cal Poly, Cuesta, and Hancock), and $5.50 for general public. Also appearing on the bill will be Ronald V. Ratcliffe (Music) on organ and harpsichord, David Little on cello, and Loal Davis (Music) on viola.

Ohyama was born in Kyoto, Japan, in 1947. By the age of ten, he was second prize winner in a Japanese school violin competition sponsored by a newspaper and the national radio station. From these beginnings, Ohyama advanced to his present position, that of principal violist of the Los Angeles Philharmonic, under Maestro Carlo Maria Giulini, musical director.

Following private studies in Japan, Ohyama entered the Guildhall School of Music and Drama in London, where he studied under Julius Katchen, Yfrah Neaman, and William Pleeth. He has since performed on numerous occasions at the Marlboro Music Festival in Vermont, the Casals Festival in Puerto Rico, the Santa Fe Chamber Music Festival in New Mexico, and Chamber Music Northwest, in Oregon. He is currently on the music faculty of University of California, Santa Cruz.

Ohyama has recorded for the Columbia Masterworks label. He will perform Bach's Suite No. 1 in C major for Unaccompanied Viola, and with a group from the Cal Poly Chamber Orchestra, he will play Bach's Brandenburg Concerto No. 6 in B-flat major, accompanied by Little on cello and Davis on viola. Little is a graduate of the California Institute of the Arts, and Davis is a member of the Cal Poly music faculty.

With string orchestra, Ohyama will play Telemann's Concerto in G Major for Viola and String Orchestra. Ronald V. Ratcliffe will perform two works for organ by Handel, Concerto in B-flat major, Op. 4, No. 6, and Concerto in G minor, Op. 4, No. 3, and on harpsichord, the Prelude and Fugue in C minor from "The Well-Tempered Clavier," Book I by Bach. He will play Cal Poly's new Positiv Organ (made by Abbott and Sieker) in its debut performance.

The fifth and final concert in the 1979-80 Quintessence series will be a performance of chamber music by the New York String Quartet on Friday (Apr. 11) at 8:15 pm in the Cal Poly Theatre. Quintessence is sponsored by the ASI Fine Arts Committee in cooperation with Cal Poly's Music Department.

Photos of shroud studied

The man who has been chief photographer for the Shroud of Turin Research Project since 1977 will present an hour-long first-hand account of work on the project on Sunday (Mar. 2). Vernon D. Miller's illustrated lecture will begin at 7:30 pm in the Cal Poly Theatre.

Both members of the campus community and others interested in the topic are invited to attend. Admission will be free, with doors open at 7 pm. The program, which is being made possible by a grant from Mr. and Mrs. Don Victor of Templeton, is being sponsored by the Art Department.

The Shroud of Turin Research Project has involved a select group of international scientists that gathered in Turin, Italy, for the only examination of the Shroud of Turin to be granted by the Roman Catholic Church in 49 years.

Their purpose was to determine if modern scientific techniques could answer any of the questions surrounding the origin of the cloth or the nature of the image visible on the cloth - an image believed by many to have been formed by the body of the crucified Christ.

Presently chairman of the Industrial and Scientific Department at Brooks Institute of Photography, Santa Barbara, Miller has been responsible for preparing the photographic tests of the shroud, as well as examination and analysis of the results.

Miller is expected to illustrate his Cal Poly talk with over 100 color and black and white slide photographs covering the history of the research team and the Shroud of Turin Research Project, preparation for the 1978 investigation, history of the shroud, the project team's actual study of the cloth, and photographic results of the study.

Miller, who now devotes the majority of his time and energy to his teaching duties and specialized research projects, has been involved in professional photography for 25 years. He received his photographic training at Brooks Institute, where he earned his bachelor's degree. When his interests expanded to include teaching photography, he enrolled in the graduate program at Pepperdine University, where he completed study for his master's degree.

Before assuming his present duties at the institute, Miller worked for eight years as a staff photographer for Aerospace Corp. Throughout his career he has photographed all phases of the national space program for various industrial concerns.

Doors of the Cal Poly Theatre are expected to open 30 minutes before start of the program on Sunday.

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 Mondays. Typewritten copy intended for the next issue should be submitted to Cathy Burt, Adm. 401, prior to 12 noon on Wednesday.

Plog featured in concert

Anthony Plog, recognized as one of the nation's finest trumpet musicians, will be the featured soloist during the annual Winter Concert of Cal Poly's Symphonic Band, Brass Band, and Studio Band on Saturday (Mar. 8). The concert, which will feature the works of such composers as Richard Strauss, Rimsky-Korsakov, Wagner, Sousa, and Gregson, will begin at 8:15 pm in Chumash Auditorium.

General admission tickets for the event are priced at $3 for the public and $1.50 for students. They are being sold in advance at the University Union ticket office and by members of the bands. William V. Johnson (Music) director of bands, said Plog is a master trumpeter with incredible technique and a reputation as one of the world's finest musicians.

Presently on the faculty of both University of Southern California and Music Academy of the West, Santa Barbara, Plog has a wide and varied musical background. In addition to three solo recordings, numerous recitals, clinics, and master classes, he is active in both chamber and orchestral music. Johnson, who will conduct both the Symphonic Band and the Brass Band, expects the concert to be one of the best since he came to Cal Poly in 1966.

"Without question, the young men and women in these bands are the most talented group of wind and percussion players we have ever had at Cal Poly. The music for this concert is both highly entertaining to the listener and very challenging to the performer. The musical excellence and esprit de corps which characterize both bands is a combination that produces much more than mere technical reproduction of music." The concert is being presented by the Music Department.

Health seminar in Burlingame

Approximately 300 participants are expected in Burlingame Feb. 29 as part of a program sponsored by The California State University and Colleges to plan for California's health manpower needs. The forum, entitled "Allied Health in the 1980's," will begin at 9 am in the Conference Center of the California Teachers Association.

It will be held under auspices of the CSUC's Health Manpower Education Coordinating Unit, funded under a three-year grant from the U.S. Department of Health, Education and Welfare. Participants will include health planning professionals from the 19 campuses, licensing agency representatives, and state and federal officials concerned with the preparation and placement of personnel in nursing and the many other health-related fields in the decade ahead.

Among the speakers will be Lee Holder, Dean of the University of Tennessee's College of Community and Allied Health Professions, and President of the American Society of Allied Health Professions (ASAHP). Others are Richard Dowling, ASAHP Executive Director, and Thomas Hatch, Acting Deputy Director of the Bureau of Health Manpower, U.S. Department of Health Education and Welfare.

Presentations will be made by Dale Houghland, Chief of the Division of Health Professions Development, and James Foley, Chief of the Division of Health Planning, both of the Office of Statewide Health Planning; Michael Krisman, Chief Deputy Director of the Department of Consumer Affairs and Dr. David Grover, Higher Education Specialist of the California Postsecondary Education Commission.

Goals of the CSUC's Health Manpower Education Coordinating Unit are to provide a systemwide clearinghouse for information on health manpower education, and to provide a basis for strengthening the CSUC's capabilities in planning and coordinating allied health and nursing education programs. Personnel representing all allied health and nursing professions are invited to the forum. There is no fee or advance registration for the sessions.
**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 interested persons are encouraged to apply.

CSUC Board of Trustees has recommended a general 11% cost of living Increase effective July 1, 1980.

**Lecturers, $5,456-$7,540/quarter, based on full-load.** Industrial Engineering Department, School of Engineering and Technology. Seeking part-time lecturer(s) for the 1980-81 academic year. Desire specific capability to teach manufacturing or production engineering, but also basic undergraduate Industrial Engineering courses. Industrial experience and master’s degree highly desirable. Closing date: 4-30-80.

**Lecturer, $4,980-$8,276/quarter, based on qualifications and experience.** Construction Department, School of Architecture and Environmental Design. Position available for Spring Quarter 1980 only starting March 31, 1980. Duties include teaching construction practice classes and estimating. Minimum qualifications are BSCE or Construction and five years industry experience. Closing date: 3-14-80.

**Assistant Professor, $16,368-$19,680/year, dependent upon qualifications and experience.** Natural Resources Management Department, School of Agriculture and Natural Resources. This is a tenure track position available September, 1980. Duties include teaching Resource Ecology, Applied Resource Analysis and Environmental Impact Assessment. The position will have other related duties. Ph.D. required in a relevant discipline and at least one degree in Natural Resources Field. Closing date: 5-1-80.

**Assistant/Associate Professor, $16,368-$21,588/academic year, dependent upon qualifications and experience.** Speech Communication Department, School of Communicative Arts and Humanities. Direct large, diversified forensic program, coach debate, teach other courses including public speaking, small group discussion, argumentation. Ph.D. and extensive coaching and college teaching experience required for tenure track appointment. Readvertised position. Closing date: 4-1-80.

**Lecturers, $831-$910/quarter, based on a 1/5 time base.** Mathematics Department, School of Science and Mathematics. The usual duties and responsibilities include teaching one lower division course in mathematics. Candidates must possess a degree in mathematics or an appropriate field. Concurrent enrollment in the department’s graduate program required. Part-time positions available 1980-81 academic year. Closing date: 5-15-80.

**Lecturers, $5,456-$8,276/quarter.** Dairy Science Department, School of Agriculture and Natural Resources. Opening for Spring Quarter 1980. Degree in Dairy Manufacturing or closely related field. Teaching classes in the Dairy Manufacturing option. Closing date: 3-13-80.

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

**Terence Cooper, Soil Science,** has been awarded the professional designation of Certified Professional Soil Scientist by the American Registry of Certified Professionals in Agronomy, Crops and Soils. To qualify for the registry, candidates must meet rigorous academic, ethical, character and professional experience standards.

**Ron Brown, Physics,** and **Walt Tryon, Landscape Architecture,** and **Max Riedlsperger, History,** attended a joint conference of The California State University and Colleges and Universities of California at Asilomar Feb. 10-12, on "The Universities' Responses to the Students' 80's."

**Arthur L. Schwartz, Jr., Business Administration,** conducted a seminar on real estate finance for the National Auctioneers Association. The seminar, held in Phoenix, Ariz. on Feb. 18, was attended by approximately 200 auctioneers from throughout the United States.

**Aryan Roest, Biological Sciences,** has been appointed a member of the San Joaquin Kit Fox Recovery Team by the U.S. Fish and Wildlife Service. The first meeting to initiate a recovery plan for this endangered species was held in Fresno, Jan. 16.

**Paris Babos, Constance Gray, George Knecht, and Maria Elana Ortiz, all Biological Sciences,** attended the annual meeting of the American Association for the Advancement of Science held in San Francisco, Jan. 3-8.

**Eric Burdick, Sports Information Director,** is sports editor of the Five Cities Times-Press-Recorder in Arroyo Grande for two years prior to his appointment at Cal Poly last September, has learned that the newspaper received the California Newspaper Publishers Association's first place honor for sports coverage for weekly newspapers with circulation 10,000 and under.

**R.A. Wysock, Industrial Technology,** is president of Cal Poly September 1976. Wysock is caring for the University's annual education/industry conference of the California Association of Industrial Technology, held at Long Beach State University on March 8-10. The conference is an annual all day affair to promote graduate employment in industrial management.
February 28, 1980

UNIVERSITY RESEARCH COMMITTEE AND THE ROLE OF RESEARCH. The University Research Committee is beginning to draft a statement on the role of research at Cal Poly. If you have not gotten comments to your school representative concerning your reactions to the University Research Committee meeting with President Baker in October of 1979, you are urged to do so as soon as possible.

Current representatives on the University Research Committee are as follows:

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<tr>
<th>Area</th>
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<td>Ken Haggard/Arch</td>
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<tr>
<td>Professional &amp; Consultative Services</td>
<td>Johanna Brown/Library</td>
<td>1222</td>
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WASHINGTON CONTACTS. Bob Lucas, Coordinator, Research Development, will be in Washington, D.C., the second week of April to discuss faculty ideas for research. If you have a project that you wish to have explored, you are urged to get a prospectus to him by mid-March. Call extension 2982 for more details.

PROPOSED FORMAT REVISION FOR "ENCOURAGING NOTES." Within the next few months, "Encouraging Notes" may be separated from Cal Poly Report and issued on its own. Its new format and frequency of distribution are open questions. If you have comments you would like to offer about how "Encouraging Notes" could serve you better, you are asked to contact the Coordinator, Research Development.

* NEW GUIDELINES FOR THE CARE GRANT PROGRAM. New guidelines for CARE proposals are now available in the Research Development Office and should be followed for the second deadline this year of Friday, April 11. CARE grants have been recently averaging about $1,000 each with a ceiling of $2,000.

*** NATIONAL SCIENCE FOUNDATION - HUMAN NUTRITION. NSF's Division of Problem-Focused Research will continue its program in human nutrition. The program's objective is to ascertain the nutritional impact on humans of the changes in food that occur as the result of any aspect of processing at any stage between the raw food and its consumption. This program encourages proposals that have wide applicability, stress interdisciplinary research, and include participation of disciplines not traditionally related to nutrition. Research at the interface between food science and nutrition will be emphasized. Proposals may be submitted at any time. For more information, contact: Dr. William Van Robertson at (202) 632-4356.
NATIONAL SCIENCE FOUNDATION - U.S./INDIA EXCHANGE OF SCIENTISTS PROGRAM. NSF has announced a MARCH 15 deadline for the U.S./India Exchange of Scientists program. This deadline applies to travel planned after November 15, 1980. Senior scientists interested in making short-term visits to India to exchange information, consult, or collaborate on specific projects with Indian colleagues, are invited to apply. American participants are selected by NSF with the concurrence of the Indian Council of Scientific and Industrial Research. For more information, contact: Mrs. Hildegard Kramer, Division of International Programs at (202) 632-5796.

CALIFORNIA ARTS COUNCIL - GRANT DEADLINES FOR 1980. The California Arts Council has announced its calendar of grants programs deadlines for 1980, as follows:

3/15/80  Theater Tour Program - Support is provided to local and regional non-profit theater companies to present programs similar to the above program.

4/7/80  Artists in Schools and Communities - Support is provided to local schools, community arts centers, and similar local public service organizations with the employment of artists in all disciplines who run workshops and demonstration classes.

4/7/80  Federal Artists in the Schools Program - Support is provided to local schools to bring a professional artist or company of artists to the school for exchanges between artists, students, parents, and teachers.

4/30/80  Local Organization Development - Support is provided to non-profit arts organizations which have been in existence at least three years to strengthen administrative and artistic capabilities, and for the conduct of specific arts programs of benefit to communities.

4/30/80  Expanding Public Participation - Matching support is provided for non-profit arts organizations for projects seeking to develop audiences not normally included in the arts, and increase their participation in arts activities, including publicity, audience evaluation, ticket voucher programs, and special adaptations for handicapped and other groups.

NATIONAL SCIENCE FOUNDATION - U.S./FRANCE COOPERATIVE SCIENCE PROGRAM. The cooperating agencies are NSF on the American side and the National Center for Scientific Research on the French side. The program consists of four types of activities: Cooperative Research Projects (MAY 1 deadline), Binational Seminars (MAY 1 deadline), Exchange of Junior Postdoctoral Scientists (applications accepted SEPTEMBER 1 to NOVEMBER 1), and Travel Support for Long-Term Research Visits of American Scientists to French Institutions (applications considered throughout the year). Guidelines available from the U.S. France Program, Division of International Programs, National Science Foundation, 1800 G Street, NW, Washington, DC, 20550, (202) 634-7930.

NATIONAL SCIENCE FOUNDATION - ENGINEERING AND APPLIED SCIENCE. The following new programs are being established within the EAS Directorate:

Mechanical Systems Program, Division of Civil & Mechanical Engineering, Acting Director, Dr. Clifford Astill, (202) 632-5787

Computer Engineering Program, Division of Electrical, Computer & Systems Engineering, Program Director, Dr. Bernard Chern, (202) 632-5881

Kinetics, Catalysis & Reaction Engineering Program, Division of Chemical & Process Engineering, Acting Program Director, Dr. Farley Fisher, (202) 632-5888

Chemical & Biochemical Systems Program, Division of Chemical and Process Engineering, Program Director, Dr. William Weigand, (202) 632-5867.

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

Information requested/available soon.

Contact agency directly.