PRESIDENT KENNEDY COMMENTS ON
PLANS FOR PANEL TO STUDY
POLY - CITY - COUNTY INTERESTS

A panel of community representatives who could meet with university officials on matters of environmental, economic, and cultural impact on the community has been under development at Cal Poly for the past eight months. President Robert E. Kennedy described the panel when asked about a joint university-community advisory group which has been suggested as a liaison between the university and the City of San Luis Obispo.

"As early as last spring we began exploring the idea of a county-city-university group which would be nominated from the various interested segments of the county's population," Dr. Kennedy said. "We were advised at that time by legal counsel not to use a procedure which would give elected officials of other political jurisdictions the right to appoint members to an advisory group whose primary purpose was to advise the president on such matters as land uses, public services and improvements, and aspects of orderly community and campus growth.

"The problem, as we see it, is to find a non-political means of identifying individuals that all the respective communities in the county believe are truly representative," President Kennedy said. Pointing out that Cal Poly and its sister campus at Pomona are exempt from requirements of the Educational Code that all state university and college system campuses utilize advisory boards, Dr. Kennedy said Cal Poly is a statewide campus. At the same time, there is a need for close cooperation and communication with all the communities in the county, he said. "The primary objective of the advisory boards is to assure that the regional campuses fulfill their responsibility to meet the educational needs of the local regions they serve," he said.

President Kennedy said that Cal Poly has developed a method of measuring the educational needs of the state that involve the university's deans, department heads, and faculty in continuing dialogue with representatives of businesses, industries, schools, and other agencies throughout the state to assure that the university educational programs are meeting the state's needs. "We believe that system is important and must be continued in order to meet our responsibility for serving statewide educational needs. There are areas, on the other hand, where we seek input from all of the communities in San Luis Obispo County. We envision a committee that would involve representatives of various segments of the community from Paso Robles in the north to Arroyo Grande in the south and confine itself to those areas where the university impacts environmentally, economically, and culturally on the community. We have done this continually, especially during the past ten years, on an informal basis, but the proposed new panel will put such dialogue on a more formal and regular basis," Dr. Kennedy said.

(continued on page 2)
MORE NEWS ON INNOVATIVE GRANTS

Two programs have been announced in Pilot Projects for Innovation and Improvement in the Instructional Process 1977-78 by the New Program Development and Evaluation division of the Chancellor's Office. A proposal may be submitted by an individual faculty member, by a department or school, or on a campuswide basis.

Projects on One Campus: The overall objective of the pilot project should be to improve the process of education for students through more effective use of existing resources within the CSUC system. Priority areas are: Basic Skills, Contract Learning, General Education, Assessment and Academic Standards, Experiential Learning (Sponsored and Prior), and Advising. Projects should encompass significant departures from, or modifications of, traditional methods of instruction, assessment of competency in subject matter areas, new time divisions coupled with innovation in instructional method, or new relationships among faculty, students, their peers, and the community. Requests may be for up to $25,000. Proposals for $5,000 or less will be funded from the Mini-Grant Program this year.

Multi-Campus and Intersegmental Program: These proposals have the same objectives and priority areas as the One Campus projects, but are submitted by two or more campuses working together. Normally projects are not funded in excess of $50,000.

Campus deadlines for these two programs are for one copy to be submitted to Adm. 309 by Apr. 15 so that the deadline of May 2 in the Chancellor's Office may be met. Copies of the guidelines and budget pages are available in Adm. 309 or may be secured by calling Ext. 2051. David Grant is Coordinator of Innovative Projects for these programs. Guidelines and application forms for the Mini-Grant program are being developed and will be announced in the future issue of Cal Poly Report. The total amount available for Mini-Grants on this campus will be $17,500 this year instead of $10,000 as in the past, and the limit will be $5,000 for each proposal instead of $2,500. Funding for the One Campus projects, Multi-Campus projects, Mini-Grants, and Steady State projects (previously announced) is contingent upon passage of the 1977-78 budget, but the prospects appear good.

BOOKSTORE SPECIAL EVENTS

El Corral bookstore announces a new section devoted to Cal Poly authors. Staff and faculty members are invited to come in and browse. Members of the Cal Poly faculty or staff who have published books that are not in this special section should let the bookstore know. El Corral has placed on sale a large selection of hardback and paperback books, all marked 30% off the original price. Everyone is invited to come in and look around while the selection is good.

JOINT STUDY PANEL ..... (continued from page 1)

He also said criteria for the selection of panel representatives are still being developed. He pointed out that the academic programs of the university will continue to work with such statewide constituencies as industry organizations and alumni, but that the panel's membership will emphasize representation of the people of San Luis Obispo County and direct its efforts toward Cal Poly's environmental, economic, and cultural impacts on the surrounding communities. "Identifying the county's areas and determining a process of non-political representation has yet to be developed," Dr. Kennedy added. "The group we are contemplating will need to have representation from at least a dozen different areas of the county."
DANCE CONCERT COMING

"Seasons in Motion" is the theme of the 1977 dance presentation by Cal Poly's Orchesis Dance Club, scheduled for Friday and Saturday (Feb. 11 and 12) in the Cal Poly Theatre. Curtain time is 8 pm; admission is $2.50 for adults and $2 for students. Orchesis has presented these concerts, open to the public, for a number of years, and this annual production has drawn much local acclaim.

"Seasons in Motion" will circle the calendar and highlight events from each month: Valentine's Day, April Fool's Day, St. Patrick's Day, Easter, Graduation, Equinox, and others of note. Music will be from sources as diverse as Tim Weisberg, Edgar Winter, Handel, Gruber, Elger, Bach, Seals and Crofts, Glenn Miller, and Marvin Hamlisch.

Concert director is Moon Ja Minn Suhr (Women's Physical Education). Choreography is mostly blocked out by the students themselves, thus allowing an opportunity for the dancers to gain skill in this area. Orchesis Dance Club is a committee of Cal Poly's Associated Students, Inc.

POLY SCI CAREER DAY

A "Political and Social Sciences Career Day" featuring eleven speakers on career opportunities will be presented Thursday (Feb. 10) in University Union 207, from 10 am to 3:30 pm. According to Warren DeLey (Associate Dean, Division of Social Sciences) the talks will occur at half-hour intervals so students can select among topics which are of special interest to them. Included among the speakers will be a deputy district attorney, police lieutenant, probation officer, environmental impact coordinator, personnel officer, and merchandise manager. In addition, there will be talks on careers in county and city government, counseling, business administration (through Cal Poly's MBA program), and in social work and related fields. One official will explain what the Placement Center can do for students and how to use it successfully. Exact times when specific speakers will appear can be obtained by calling Ext. 1167.

A second major part of the event will be displays in the entry hall of the BA&E Building, with information on a variety of additional career opportunities for political and social sciences majors. These exhibits will be available continuously from Feb. 7 through 10, and are provided by Cal Poly's Career, Placement, and Counselling Centers. "We expect these talks and the display material to be of interest not only to our own majors, but also to students in certain related areas," states Dr. DeLey. He notes that all speakers will leave some time for questions and answers concerning career paths, salaries, how to apply, and related graduate study.

DUO-PIANISTS WILL PERFORM

A program of music for two pianos will be presented by a team of music professors on Thursday (Feb. 10) at Cal Poly. Ronald V. Ratcliffe (Music) will join talents with Dale W. Brooks, a music professor at Bakersfield College, for the 11 am program in the Cal Poly Theatre. Admission will be free and the public is invited to attend. The duo-pianists will perform the sonata in B-flat Major for two pianos by Clementi; Brahms' "Variations on a Theme by Joseph Haydn;" and "Concertino" by Shostakovich.

Ratcliffe and Brooks have performed as a duo-piano team on several occasions in San Luis Obispo, including a guest appearance with the San Luis Obispo County Symphony. Both artists have music degrees from the University of Washington in Seattle. Ratcliffe has also studied at University of Southern California and Brooks, at Juilliard School of Music in New York. The concert is being presented by Cal Poly's Music Department.
OPEN AFFIRMATIVE ACTION MEETINGS

The university Affirmative Action Compliance Committee will hold open hearings on Wednesday (Feb. 16) University Union 216, from 10 am to 12 noon and on Thursday (Feb. 17) University Union 220, from 10 am to 12 noon. All Cal Poly staff and faculty, as well as on-campus and off-campus groups or organizations, are invited to comment on the Cal Poly Affirmative Action Plan and its implementation. Oral presentations will be limited to fifteen or twenty minutes, but any person or organization is encouraged to also submit a written response in which particular issues may be discussed in more detail. Oral presentations will be taped so that all members of the committee may have a report of the oral presentations.

Materials from the hearings, as well as from the campus meetings which have already been held, will be used by the Affirmative Action Compliance Committee in the preparation of comments and recommendations to the President. Those wishing to schedule a particular time either Wednesday or Thursday should call Ext. 2051.

CAL POLY WIVES/UNIVERSITY CLUB DINNER DANCE

The Cal Poly Wives' Club and the University Club will hold a dinner dance at the Veterans Memorial Building beginning 6 pm on Saturday (Mar. 12). All members are invited to come costumed in tattered, torn, and frayed clothing of the 30's or 70's to celebrate the theme, "Hard Times Togetherness Blast." The menu includes a barbecue sirloin steak dinner, complete with cocktails, wine, hors d'oeuvres, beans, bread, salad, dessert, and coffee. The entertainment, which will include a one-act play by Chekhov, "The Boor," will be followed by dancing to the rented "Jolly Juke Box of the 30's." Tickets are on sale for $3.50 each and may be obtained by calling Joan Stadt (Ext. 2345), Barbara Ciesielski (Ext. 21) or Vi Hughes (Ext. 1211).

ORGANIZATION COMMITTEE WELCOMES INPUT

The university Ad Hoc Committee on Academic Structure and Organization will meet Monday (Feb. 28). Reorganization proposals to be considered at that meeting should be submitted to Hazel Jones (Vice President for Academic Affairs) by Feb. 22.

STUDENT ASSISTANT PAYROLL DUE ON 17TH

The Payroll Services Office is requesting that all Student Assistant payroll vouchers be submitted to Adm. 109 no later than 5 pm on Thursday (Feb. 17). The early submission is necessary for timely processing because of the holiday on Feb. 21 and the fact that Feb. only has 28 days this year.

STAFF DINING ROOM HAS FRIDAY SPECIAL

Everette Dorrough (Director, Foundation Food Services) has announced that the Staff Dining Room will offer warm, fresh-baked apple and cherry puff pastries, made in the Cal Poly bakery, for sale every Friday from 2 pm to 4 pm at 45¢ each. Boxed pastries can be purchased to take home for the weekend.

Typewritten copy intended for the next issue of Cal Poly Report must be received prior to 12 noon on Tuesday (Feb. 15) in the Public Affairs Office, Adm. 125. Copy intended for Cal Poly Dateline is due in the Public Affairs Office by 12 noon on Wednesday (Feb. 16).
WHO...WHAT...WHEN...WHERE???

James S. W. Greil (Crop Science) attended the 1977 meeting of the California Chapter of the American Society of Agronomy in Sacramento, Jan. 26-28. Greil accompanied two undergraduates in Crop Science who delivered research papers to the student section of the meeting.

Steven Miller (Head Track Coach), newly elected District and N.C.A.A. College Track and Field Representative, delivered a lecture at the National Track Coaches' Clinic in Palo Alto, Jan. 28-29, on the topic, "Biomechanics of Pole Vault."

Stephen Zoradi, David M. Babcock, Ronald Malmgren, and Mary Ellen Ormiston (all Housing) attended the southern R.A.P. sessions of the California Association of College and University Housing Officers (C.A.C.U.H.O.), Jan. 28. Legal issues, roommate conflicts, staff orientation, and staff selection, issues, and research were discussed.

Joseph C. Amanzio, Ronald E. Batterson, David A. Brodie, Allan R. Cooper, Merrill C. Gaines, Leonard C. Haeger, Patrick Hill, George K. Ikenoyama, Paul R. Neel, and Don E. Swearingen (all Architecture and Environmental Design) participated in a Faculty Development Retreat at Casa de Maria in Santa Barbara, Jan. 28-30.

William H. Brown (Director, Architecture and Environmental Design) represented the Construction Engineering program at the mid-year board meeting of the Associated Schools of Construction and attended the annual forum of the American Institute of Constructors held in San Antonio, Feb. 1-5. Brown is a Western Regional Director of the Associated Schools of Construction.

Steven C. Orlick (Architecture and Environmental Design) presented a paper entitled, "A Community-Oriented Approach to Airport Environmental Planning" and chaired a workshop at the Conference on Airport Planning held at the University of Washington in Seattle, Feb. 3-5.

Jay S. Bayne (Computer Science and Statistics) has received word from the Graduate Division of the University of California, Santa Barbara, that he has completed all of the requirements for the degree of Doctor of Philosophy in electrical engineering.

Roger A. Vinande, Thomas A. Ruehr, Terence H. Cooper, and Luther B. Hughes (all Soil Science) attended the sixth annual Soil and Plant Conference of the California Chapter of the American Society of Agronomy in Sacramento, Jan. 26-28. Dr. Cooper presented a paper titled, "Value Judgment of Agricultural Land in Local Planning." Dr. Ruehr chaired a session on Nitrogen Stabilization in Soils. Dr. Hughes chaired a student symposium and was selected as Chairman of Student Activities for the coming year.

Mary Y. Wang (Food Industries) attended an annual meeting of the Canners League of California in San Francisco, Jan. 27-28.

William C. Wallace (Educational Opportunity Program and Disabled Student Services) and Clifford Vines (Ethnic Studies) presented a workshop on Confluent Education and the Afro-American as a Part of the Infinite Frontier: The Human Potential Movement in Education, at the University of California, Berkeley, Jan. 29-30.

Donald K. Cheek (Counseling) and Walter Harris (Educational Opportunity Program) presented a workshop on Assertive Training from a Black Perspective: Class Development and Attitude of Third World Students to the Third World Counselors in Higher Education, at the California State University, Northridge, Jan. 20-22.

(continued on page 7)
SUPPORT 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. Applications shall be on official forms. Contact the Personnel Office to obtain an application. 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. All interested persons are encouraged to apply.

Clerical Assistant II-B, ($719-$859/month), Admissions, Records and Evaluations Office, Student Affairs Division. Duties and responsibilities: taking dictation, transcribing correspondence, acts as receptionist, processes applications for admission and directs public to appropriate individuals. Requirements: high school graduate, type 45 wpm, shorthand 90 wpm, one year office experience and must have taken the General Clerical Test. Closing date: 2/17/77.

Clerical Assistant II-A, ($336.50-$402/month), half-time position), Financial Aid Department, Student Affairs Division. Two positions available commencing on February 15, 1977 thru June 30, 1977. Working hours for one are from 8:00 A.M.-12:00 P.M. and the other from 1:00 P.M.-5:00 P.M. Duties and responsibilities: receive, direct and refer student inquiries by in-person contacts and by telephone; processing emergency loan applications and correspondence and other clerical duties as required. Requirements: high school graduate, type 45 wpm, 1 year clerical experience, ability to deal with students and must have taken the General Clerical Test. Closing date: 2/17/77.

Keypunch Operator, ($701-$837/month), Financial Operations, Business Affairs Division. Duties: operates keypunch machine/verifier to punch and verify information on 80 column cards; assists in development of input forms, pick-up and delivery of EDP input/output and clerical work as required. Requirements: high school graduate, six months experience in IBM Keypunch Machines; ability to punch not less than 7000 columns per hour with error rate not more than 5%; follow written and verbal instructions and willingness to work under noisy conditions. Closing date: 2/17/77.

CANDIDATES FOR FACULTY POSITIONS BEING SOUGHT

Candidates for positions on the faculty of the University are presently being sought, according to Donald L. Shelton, (Director, 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. All interested persons are encouraged to apply.

Student Affairs Officer III (AY) (Counselor), ($13,572 - $16,320/year), Educational Opportunity Program, Student Affairs Division. Under direct supervision of Associate Director of EOP, will counsel and assist low-income and culturally different students in resolution of personal, social, vocational, emotional and academic difficulties; and other duties as assigned. Requirements: 3 years experience at a level comparable to the Student Affairs Assistant II (or other equivalent experience) working with low income, minority or disadvantaged students in community. Master's Degree in Social Work, Psychology, Counseling and Guidance and/or Behavioral Science along with progress toward obtaining a doctoral desirable. Closing date: 3/10/77.

(continued on page 7)
Walter E. Elliott (Physics), on leave as visiting research professor, East Texas State University, spent part of the semester break working as a special physics curriculum consultant to the Dallas Independent School District. Dr. Elliott will continue part-time in this capacity until returning to campus in March. Dr. Elliott’s full-time duties at E.T.S.U. deal with atomic collision research.

Robert H. Frost (Head, Physics), Robert H. Dickerson, Teymoor Gedayloo, Thomas G. Schumann, Willem L. Van Wyngaarden, Leonard W. Wall, and Walter D. Wilson (all Physics) recently attended the winter meeting of the American Physical Society at Stanford University. The meeting was divided into 30 sessions, including topics dealing with Viking project investigation of Mars, intermediate and high energy physics, astrophysics, geophysics, and others. A high point of the meeting for most was a tour of facilities at Stanford's Linear Accelerator.

Donald P. Grant (Architecture and Environmental Design) has returned to teaching this quarter after serving as senior research scientist with the Studiengruppe fur Systemforschung in Heidelberg, Germany, for 15 months. During his leave, he worked on methods for citizen participation in environmental problem-solving efforts, and on a systems analysis of the flow of scientific and technical information among the nine countries of the European Community. Dr. Grant also delivered lectures and conducted seminars at the University of Lund, Sweden; the Royal Academy of Art, Copenhagen; the Universities of Karlsruhe and Stuttgart, Germany; and at the Institute for Local Regional, and State Planning in Zurich.

Marga J. Glasser and Jack B. Jones (both Education) attended a meeting of the California Professors of Reading in Santa Barbara, Feb. 4. Dr. Jones chaired the meeting. Dr. Glasser was elected to the position of Chairwoman of the Southern section of the California Professors of Reading.

Faculty Vacancies (continued from page 6)

Assistant Instructor or Graduate Assistant, ($2,586 – $2,829/year), Computer Science and Statistics Department, School of Science and Mathematics. Part-time position. Duties and responsibilities include teaching introductory level courses in computer programming and/or assisting faculty in research projects. Position requires concurrent enrollment in the M.S. Program in Computer Science at Cal Poly. One-year appointment only. Several positions available 9/77. Closing date: 3/15/77.

Lecturers, ($1,798 – $2,171/month), Spring Quarter 1977 only, School of Architecture and Environmental Design. Duties: teaching courses in advanced Architectural Design and Practice. Applicants must submit brochure of original work for review, must be or have been a principal in an architectural firm or hold a top position with a large firm. Prefer candidates with teaching experience. Closing date: 2/18/77.

Assistant Professor, ($13,572 – $16,320/year), English Department, School of Communicative Arts and Humanities. Full-time position for teaching composition with emphasis in technical writing. Ph.D. in hand with training directly applicable to the teaching of composition. Position available 9/77. Closing date: 2/22/77.

Lecturer, ($12,384 – $16,320/year), English Department, School of Communicative Arts and Humanities. Full-time position for the teaching of composition. Ph.D. nearly in hand with training directly applicable to the teaching of composition. Position available 9/77. Closing date: 2/22/77.
NEW EMPLOYEES, TRANSFERS AND PROMOTIONS

Donald L. Shelton (Director of Personnel Relations) announces the following appointments to new positions, lateral transfers and promotions in the support staff personnel for January, 1977. A hearty welcome is extended to the new members of the Cal Poly staff and congratulations to those that have been promoted!

NEW EMPLOYEES

Blagg, Anna L. 
Castillo, Leonard 
Chappell, Carol Edna 
Clark, Lynda F. 
Clendenen, Harriet M. 
Connors, Vickie L. 
Cook, Arthur J. 
Cornwell, Janice L. 
Garrett, Alexander Jr. 
Gates, Mabel 
Johnson, Joann 
Leier, Paula 
Lindelsee, Sheri 
Murakami, Daniel 
Reynolds, James R. 
Rios, Franiece 
Ronca, Cynthia M. 
Smith, Gary L. 
Stadt, Donald 
Sylvestor, Kathleen S. 
Von Loewenfeldt, Paula M. 
Wessels, Denise S. 
Wilkinson, Janet

Clerical Assistant II 
Custodian 
Clerical Assistant II 
Helper Aid 
Clerical Assistant II 
Clerical Assistant II 
Helper Aid 
Helper Aid 
Clerical Assistant II 
Clerical Assistant II 
Helper Aid 
Clerical Assistant II 
Clerical Assistant II 
Clerical Assistant II 

Purchasing 
Plant Operations 
Personnel 
Library 
Disabled Student Services 
Library 
Library 
Library 
Library 
Library 
Activities 
Architecture 
Library 
Plant Operations 
Special Programs 
Counseling & Testing 
Library 
Library 
Computer Center 
Library 
Computer Center 
Educational Opportunity Program

PROMOTIONS

Johnson, Mark 
Peterson, Donna Kathleen 
Pittman, Nancy 
Skinner, Sandra

Senior Computer Operator 
Departmental Secretary II 
Student Affairs Assistant I 
Clerical Assistant III

Computer Center 
Animal Science 
Financial Aid 
Personnel

TRANSFERS

Paciano, Carol

Clerical Assistant II

Human Development & Education

WHO...WHAT...WHEN (continued from page 7)

William B. Wahl (English) has returned from six months in Austria and Europe, where he lectured at the University of Salzburg about British Science Fiction. While there he published (Salzburg Studies in English Literature) a set of interviews with E. Martin Browne and Robert Speaight, and a summary of one with W. H. Auden, the last before Auden's death. In addition, he had three more interviews with other figures in British Post World War II poetic drama: Margaret Rawlings, Peter Bull, and Christopher Fry. As a sideline, Dr. Wahl also took some 1500 black-and-white photos of functioning and ruined Carthusian monasteries all over Europe for a series (Analecta Carthusiana) also published in Salzburg.
PROPOSAL WRITING SEMINARS. In order to accommodate tight schedules, Robert Lucas, Coordinator, Research Development, will give proposal writing seminars in one-hour stints this quarter. Both seminars will be given in Room 221, Math and Home Economics Building. Each series is identical, so that the same material will be covered in each series each week.

SERIES I  
(12 noon - 1:00)

SESSION II  Proposal Narrative  
Weds - 2/16/77  Thurs - 2/17/77

SESSION III  Workshop (Optional)  
Weds - 2/23/77  Thurs - 2/24/77

All interested are welcome to attend.

** **

THE WASHINGTON SCENE. As the new administration settles down, the Coordinator, Research Development, plans to visit Washington to get a sense of new priorities and directions. If you have ideas you would like to have explored, please send them to Dr. Lucas in writing.

** **

NSF - GRANTS FOR SCIENTIFIC RESEARCH. This brochure is now available for review in Administration 317. The revised edition of this brochure describes in detail types of research supported and application procedures.

** **

ENVIRONMENTAL HEALTH SCIENCES. Applications for Young Environmental Scientist Research Grants, designed to encourage young investigators to conduct basic and applied research in the environmental health sciences, must be submitted to National Institute of Environmental Health Sciences by March 1, 1977. Interest areas for this new program include: environmental mutagenesis, carcinogenesis, and teratogenesis; environmental pharmacology and toxicology; behavioral toxicology; and marine biomedicine and pharmacology; environmental epidemiology and statistics; environmental pathology.

Project emphasis should be on identification of environmental hazards, development of test methods for risk assessment, pollutant pharmacokinetics in both the body and external environment, and molecular and cellular mechanisms of damage. Recipients must devote at least 50% of their time to the project, and must hold a doctoral degree. Grant support over a three-year period may be maximum of $90,000 in direct support.

** **

NSF - US STUDENT PARTICIPATION IN NORTH ATLANTIC TREATY ORGANIZATION ADVANCED STUDY INSTITUTES. The NSF will award international travel support to about 80 young U. S. scientists to attend some 40 NATO Advanced Study Institutes in Europe during the summer of 1977. The institutes provide advanced instruction on specialized topics in the physical, life, and social sciences and in engineering and mathematics. The institutes normally last from two to three weeks and are attended by young scientists from the various NATO countries. Junior faculty and advanced graduate and postdoctoral students who are citizens of the U. S. are eligible to apply.

** **
USOE - UPCOMING DEADLINES

March 1 Bureau of Education for the Handicapped - Regional Education Programs
March 11 Right-to-Read Special Emphasis Projects
March 18 Talent Search, Upward Bound, Special Services for Disadvantaged Students
April 1 Educational Opportunity Centers

** **

NSF - DEVELOPMENT IN SCIENCE EDUCATION. Guidelines and application forms are now available in Administration 317 for the DISE program. The DISE program represents a consolidation of pre-existing programs of the Division of Science Education Development and Research. The goal is to identify and develop innovative and practical technologies, methods and instructional materials that promise to improve the quality, currency, relevance and productivity of science education.

Activities supported by DISE include: (1) development, testing and evaluation of new instructional materials; (2) design, testing and evaluation of innovative instructional delivery modes; (3) design, testing and evaluation of experimental courses, curricula and degree programs; (4) identification of technologies that promise enhanced effectiveness of science education; experimentation with and improvement of these technologies; (5) needs assessments for specific development activities.

Eligible projects may deal with the physical, biological, and social sciences, mathematics, engineering, technology, the history and philosophy of science, or may involve combinations of these disciplines. DEADLINE: April 22, 1977.

** **

FULBRIGHT-HAYS LECTURESHIPS IN THE USSR. The Council for International Exchange of Scholars has announced that lectureships will be offered under the 1977-78 exchange program with the Soviet Union. Applications for 1977-78 are welcome from any scholar interested in lecturing in the Soviet Union for a semester or an academic year. A list of fields of special interest is available in Administration 317. DEADLINE: March 1, 1977.

** **

RESEARCH AND AID ON COASTAL MANAGEMENT. Rules that would implement the National Research and Technical Assistance Training Program on coastal management have been proposed by the National Oceanic and Atmospheric Administration. The program is designed to solve national and regional problems of coastal management through grants for research, study, and training projects.

** **

GUGGENHEIM FELLOWSHIP. The National Air and Space Museum through the support of a fund established by the Daniel and Florence Guggenheim Foundation announces a one-year residential appointment for graduate research. The appointment will commence July 1, 1977. Financial support totaling $10,000 will be awarded to include stipend, travel, and miscellaneous expenses.

Persons interested in research related to technology transfer, planetary exploration, or the history of aviation are encouraged to apply. Minimum academic requirement for the position is a bachelors degree; additional qualifications are recommended. DEADLINE FOR APPLICATION: March 1, 1977
DEADLINE FOR NOTIFICATION: April 15, 1977

** **
The Environment program exists (1) to study hazards to the environment, both human-caused and natural, and (2) to discover effective means of mitigating the consequences. These goals are accomplished by (1) identifying these hazards and determining their nature and extent; (2) finding innovative methods to deal with them; (3) determining the practicality (social and technical) of these methods, and (4) synthesizing policy and management procedures based on this data. There are two areas of concern: Managing the Natural Environment, which deals with human-created hazards to the environment, and Disasters and Natural Hazards, specializing in natural disasters of a dynamic nature, such as earthquakes and tsunami. (This year, the President's budget proposes a doubling of last year's funds for earthquake research.) Each of these two areas is further subdivided, suggesting appropriate research topics.

A. Managing the Natural Environment

1. The Chemical threats to Man and the Environment program deals with effects of organic compounds on earth, air, water, and human population. Subjects researched include handling of contaminated materials, public exposure to synthesized chemicals, and atmospheric sulfur from combustion.

2. Regional Environmental Management is concerned with effects of management practices on nature. Research includes waste water management, land use and its effects, and the determination of acceptable risk levels.

B. Disasters and Natural Hazards

1. Earthquake Engineering analyzes the physical action of earthquakes, social ramifications of destruction due to earthquakes, and engineering techniques to ameliorate earthquake-caused damage. Subjects researched include risks to non-earthquake engineered structures, design of life-line systems to withstand earthquake stresses, and adaptation of successful earthquake design methods to hazards similar in nature.

2. Weather Modification investigates techniques, applications, and social, legal, and economic impacts of weather modification.
3. **Societal Response** to national hazards considers human factors, such as preparedness, recovery, economic and social costs of natural disasters.

II. PRODUCTIVITY

The goals of Productivity research are to (1) improve productivity in public and private sectors through better management and/or technology, and to (2) assess effects of federal assistance and regulation on industry and the public. This program stresses joint efforts between the University and other sectors of society. There are two subprograms under productivity: Public Sector Productivity and Public Policy. As the opportunity to research the latter is not generally available at Poly, we are not including it in this discussion.

Public Sector Productivity researches "effectiveness, efficiency, and equity of the public service delivery system."

This subject is broken down into areas of telecommunications, service delivery technology and systems, service productivity and intergovernment relationships, and medical instrumentation.

1. Research in **Telecommunications** includes social effects of television, applications of telecommunications, and teleconferencing systems.

2. **Service Productivity and Intergovernment Relationships** investigates federal policies as implemented at the local level, determining which policies are inefficient, and alternative approaches to delivery of legal aid.

3. **Service Delivery Technology and Systems** analyzes local economics (including revenue forecasting), equity in revenue sources and taxes, and collective bargaining.

4. **Medical Instrumentation** includes study of cost factors, public acceptability, and innovative development of medical instrumentation.

All RANN programs accept applications for grant funds continuously. Although there is no deadline, applicants are advised to submit requests at least six months prior to the beginning date for which funds are sought. Preliminary proposals are encouraged. RANN proposals are expected to show a clear connection to the goals and objectives of the individual program. Because of the applied orientation, RANN proposals are generally interdisciplinary and comprehensive in their approach. For faculty wishing more specific information on the application process, the NSF publication, Guidelines for the Preparation of Unsolicited Proposals, is available. Or, for direct contact with RANN representatives, write: National Science Foundation Western Projects Office, 831 Mitten Road, Burlingame, California, 94010, addressing the division of interest (e.g., Division of Environmental Research and Technology).