

CAL POLY REPORT

California Polytechnic State University
San Luis Obispo, California 93407

May 15, 1980

Volume 31, Number 36

Recognition for City & Regional Planning

The City and Regional Planning Department has had its application for the continued recognition of its Bachelor of Science Program in City and Regional Planning approved by the National Education Development Committee (NEDC) of the American Planning Association.

Recognition is important to students in terms of enhanced employment opportunities and qualifications for graduate work. Recognition is given to those planning programs throughout the nation that are reviewed by the NEDC and found to meet their standards of academic and professional quality.



Howard Brown elected secretary

Howard C. Brown (Dean, Agriculture and Natural Resources) has been elected secretary of the regional advisory council to the Joint Council on Food and Agricultural Sciences of the U.S. Department of Agriculture. Dr. Brown's election came at the May 1 meeting of the Western Regional Council in San Francisco.

TWO VIEWPOINTS ON THE DRAFT

"Should the U.S. Reinstate the Draft?" is a question that will be posed to two men of differing political viewpoints in a debate on the subject on Monday (May 19). Congressman Paul N. "Pete" McCloskey, Jr. (R-San Mateo) will debate political activist Daniel Ellsberg at 8 pm in Chumash Auditorium. The public is invited, with tickets for the general public priced at \$3.50 in advance; students at \$2.50 advance, and a dollar more at the door. Tickets are on sale at the University Union ticket office.

Following the end of military conscription in the mid-1970s an all-volunteer Army was instituted. Now, proponents of the draft insist that the all-volunteer concept has proved to be a failure, and that a standing army is necessary. Rep. McCloskey will argue the merits of his National Youth Service Act,

which was introduced in Congress on March 13, 1979, as an alternative to military conscription; Ellsberg is opposed to the draft because he feels that it represents a symbol of President Carter's Cold War policy.

McCloskey's proposal is a four-tiered system whereby registrants will have the opportunity to select one of a number of options: two years of military service; six months of active duty, followed by five and one-half years of reserve; one year of civilian service (Peace Corps, VISTA, Job Corps, Forest Service, etc.); or none of the above, in which case, participants will be placed in a military lottery. If military requirements are not satisfied, registrants might be required to serve two years of active duty. The draft debate is sponsored by the ASI Speakers Forum.

Mobile health testing available

Health Examnetics, sponsored by The Association of California State University Professors, will have a mobile health testing unit adjacent to the Health Center on Tuesday (May 27). The testing hours will be from 12 noon to 9:15 pm. In approximately 40 minutes fifty different tests will be taken by trained technicians. The test results will be sent to physicians designated by the employee.

Employees are urged to check with their local physician to confirm that he or she will accept and discuss these results. The information is held confidential. Costs are as follows: no charge for ACSUP members and dependents (age 13 and above) enrolled in the ACSUP Medical Insurance Program; \$69 per adult person for ACSUP members not enrolled in the ACSUP Medical Plan; \$75 per adult person for non-ACSUP members, \$45 per child between ages 13 and 17 (note: children's panel includes x-ray, Pap smear, EKG, tonometry and blood chemistries).

Appointments are necessary. All interested employees should call the toll-free number (1) 800-542-6233 between the hours of 9 am and 7 pm, Monday through Friday, for information and for an appointment.

Proposition 9 will be debated

Of the 11 ballot propositions to be decided in the June 3 California primary election, none is more controversial or emotionally-charged than Proposition 9, which proposes to cut state income tax by more than 50 percent. Authored by Howard Jarvis, the measure would amend the state constitution to provide for a permanent tax cut.

Assembly Minority Leader Carol Hallett (R-Atascadero) has gone on record as a supporter of the proposition, and will debate the merits of the proposition at Cal Poly with opponent Roland Vincent on Friday (May 16) at 10:45 am. The debate is free, and the public is invited. The debate will be in Chumash Auditorium.

Roland Vincent was a key Jarvis operative two years ago during the campaign for the passage of Proposition 13. He later ran unsuccessfully for the Los Angeles City Council on the conservative American Independent Party ticket. Vincent has since broken with Jarvis, and has become a virulent foe of Proposition 9. The debate is sponsored by the ASI Speakers Forum, Activities Planning Center, and the Academic Senate.

'Cinderella' to be presented

The familiar tale of "Cinderella," the young girl who wishes with all her heart to go to the ball, has been revised by guest lecturer Gayle Cornelison (Speech Communication) and will be presented at Cal Poly on Thursday, Friday and Saturday (May 22-24). Dr. Cornelison, who is managing director of the California Young People's Theatre, has revised the tale to allow time for the Prince and Cinderella to fall in love by giving them a chance to meet each other before the ball. They then recognize their love for each other, a love that is not just love at first sight, but one deeper and more genuine.

The special presentation of the old fairy tale will be in the Cal Poly Theatre May 22 at 4:30 pm, May 23 at 4:30 pm and 7:30 pm, and May 24 at 2 pm. Tickets for reserved seating are \$1 and are available at the University Union ticket office and at the door before each performance. The performances have been scheduled for afternoons to accommodate children.

The actors, all Cal Poly students, have been rehearsing since late March. In addition to rehearsing the play itself, they have worked on a variety of acting exercises designed to give them insight into their characters. As a fairy tale necessarily involves magic, the special effects in "Cinderella" have been the most puzzling of the problems to be solved in producing the play. The audience should be prepared for some dazzling stage magic when they see the play.



Spring Luncheon

The University Club Spring Luncheon will be held Thursday (May 29), 11:30 am to 12:45 pm on the patio of President and Mrs. Baker's home. Fare: chicken crepes, rice pilaf, salad, dessert. Cost: \$3, paid at the door. Reservations must be made by May 27. Call Evelyn Little at Ext 1237, or Barbara Ciesielski at Ext. 2181. Seating is limited to 120.

Visit of British Public Affairs Officer

Angus Mackay, Public Affairs Officer of the Los Angeles British Consul General Office will speak on topics regarding current Anglo-American cooperation. His talk will begin at 8 pm on Monday (May 19) in Science E27.

Mackay's responsibilities include reporting on political trends, acting as media spokesman, and arranging programs for official visitors. He has served with the British Consulate General since 1976. His presentation is sponsored by the History Department and both the public and members of the campus community are invited to attend.

Baker on TV

President Warren J. Baker will be the interview guest on this week's program of the televised "Viewpoint" public affairs series. With "Higher Education: The Challenges of the 80s" as its theme, the program will be broadcast by KSBY-TV (Ch. 6, San Luis Obispo) at 6:30 pm on Saturday (May 17) and again at 7 am on Sunday (May 18).

The discussion between Dr. Baker and series host Arthur Hapgood is expected to touch on such matters as the continuing effects of inflation on higher education, the difficulty of locating and employing qualified faculty, the importance of private financial support for colleges and universities, and the role of research in higher education. This weekend's appearance will be President Baker's second on the "Viewpoint" series since his arrival in San Luis Obispo.

Memorial Day holiday

Memorial Day, Monday (May 26) will be observed as an academic holiday for faculty, staff and students. The campus will be closed and only emergency services such as police, fire, etc. will be provided. Classes and work schedules will resume Tuesday.

'What is worship?'

"What is religious worship? Does it assist individuals in dealing creatively with new challenges in their community or does it merely provide escape from the realities of living?" These questions will be the focus during the 1979-80 Arts and Humanities Series of the lecture titled "Worship: Creativity or Escape?" to be given by Dr. Robert S. Ellwood Jr., Bishop Bashford professor of oriental studies at University of Southern California, on Thursday (May 22). Admission to the program, which will begin at 11 am in University Union 220 will be free.

Dr. Ellwood's remarks are expected to be concerned with the history, sociology, and psychology of Judaic-Christian religions, primitive religious forms and eastern religions, and with the reasons for the dissatisfaction of those who are turning to what he calls "the new religions." An internationally known scholar in the sociology and history of religion, Dr. Ellwood is an ordained Episcopal priest and a former U.S. Navy chaplain.

He is now the director of the East Asian Studies Center at USC and the author of books titled *Spiritual and Religious Groups in Modern America*, *One Way: The Jesus Movement and its Meaning*, and *Alternative Altars: Unconventional and Eastern Spirituality in America*.

The morning lecture will be followed that evening by a panel discussion on the topic, "America as a Religiously Creative Nation," which will also be free and open to the public. Panelists for the program, which will begin at 7 pm at the Discovery Motor Inn will be Robert McDonnell (Head, English); Rev. Barry Beisner, an Episcopal priest; Jan Gartenberg, a student of Judaism; and Elton Hall, a member of the Oxnard College faculty.

Following the panel discussion, Dr. Ellwood will offer interpretations of the innovative religious ideas discussed during the program. With "Work, Play and Worship" as its theme, the Arts and Humanities Series is presented by the School of Communicative Arts and Humanities with partial funding from the California Council for the Humanities.

Industrial Arts on display

A public display of the work of high, intermediate, and junior high school industrial arts students will be held in the Crandall Gymnasium at Cal Poly on Saturday (May 17). The seventh annual Central Coast Industrial Arts Show will be open for viewing from noon to 5 pm after judges complete their review of the expected 300 entries that morning. Admission will be free.

The show is designed to give secondary school students in industrial arts classes a chance to display their work and give visibility to high school industrial arts programs. Students from schools throughout San Luis Obispo and Santa Barbara Counties, and from as far away as Gonzales, are expected to have work in the show.

All entries must have been done in an industrial arts class under supervision of a teacher during the current school year. They will be judged and displayed in three classes—high school, intermediate, and junior high school—and nine categories, including wood, plastics, metal castings and forgings, metal machinings, arts and crafts, electrical/electronics, graphics, drafting architectural, and mechanical drafting.

Trophies will be awarded for the show's best entry and outstanding exhibitors, and the first, second, and third place entries in each category will also be recognized. The Central Coast Industrial Arts Show is sponsored by the Industrial Technology Department.

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.

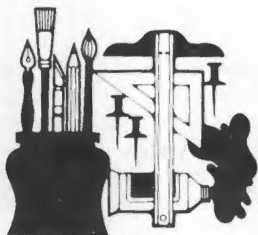
CSUC Board of Trustees has recommended a general 11% cost of living increase effective July 1, 1980.

Lecturer, \$2,546-\$3,061/quarter, depending upon qualifications. Accounting Department, School of Business. Part-time position for the Summer Quarter 1980 to teach up to 7 hours per week of accounting courses. Minimum of Master's with major in Accounting. CPA or CMA preferred. Closing date: 5-29-80.

Lecturer, \$16,368-\$19,680/year, depending upon qualifications and experience. Electronic/Electrical Engineering Department, School of Engineering and Technology. Position available September 1980. Teach undergraduate courses in electrical and integrated circuits and systems. M.S. in Electronic or Electrical Engineering required. Ph.D. highly desirable with recent industrial experience in design of circuits and systems, both analog and digital. Enthusiastic interest in teaching laboratory courses and senior projects. Closing date: 7-15-80.

Lecturer, \$5,456-\$6,560/quarter, depending upon qualifications. Social Science Department, Division of Social Sciences. Full-time position for Summer Quarter 1980 only, beginning June 18, 1980. Duties will include teaching four courses in sociology (including Introduction, Social Problems, and Race Relations). Ph.D. preferred, MA in Sociology will be considered. Closing date: 5-30-80.

Lecturer, \$19,680-\$24,828/year, depending upon professional experience and qualifications. Industrial Technology Department, School of Engineering and Technology. Position available for the 1980-81 academic year. Duties and responsibilities include teaching in the following subject areas in the Industrial Technology baccalaureate program: Plant facilities, electrical and mechanical equipment selection, plant maintenance management, cost reduction and control, packaging and material handling. Could become a tenure track position. A baccalaureate degree in a related field is required, a graduate degree in a related field is preferred. Also required are a minimum of five years of industrial experience at the managerial or responsible engineer level. Closing date: 7-18-80.



Two department experiment

The Music and Speech Communication Departments will conduct a cooperative music-drama experiment with their production of "The Fantasticks," a musical play combining words, song, and dance. The production is the first of its kind performed at Cal Poly with the two departments working closely together to present "a very professional performance," according to director Michael Malkin (Speech Communication).

"The Music Department has made a great commitment," Malkin said. "The play has some of the university's most committed students." James Dearing, musical director, said that a collaborative effort (combining music and drama is a learning experience for students, as well as for the instructors.

"The Fantasticks" will be presented at the Cal Poly Theater on Thursday through Saturday (May 15 through 17) at 8 pm. Tickets are available at the University Union ticket office and at the door on the day of each performance.

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

Dan Bertozzi Jr., Business Administration, participated in a seminar on teaching and curricular development in the area of business, government, and society. The seminar, held in Berkeley on April 17-18, was co-sponsored by the University of California and Stanford University Business Schools.

Murray Smith, Speech Communication, served as a judge for the awards program in which the Santa Maria Arts and Council provides cash awards for excellence in drama, music, dance and graphics on April 26. Smith has helped judge the drama contestants for the past five years.

Alfred M. Bachman, Alan Holz, Rex Hutton, H. Bernard Strickmeier, and Neal R. Townsend, all Mathematics, attended the 58th Annual Meeting of the National Council of Teachers of Mathematics in Seattle, Wash., April 16-19.

James H. Nash, M.D., Health Center, attended the 58th annual meeting of the American College Health Association, April 9-12, in San Diego. The theme of the conference was "Togetherness-The Health Care Team."

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

Locksley Geoghagen, Educational Opportunity Program, delivered a major address at the fifth annual Third World Counselors Conference at California State University, San Bernardino, March 24-26. Mr. Geoghagen's address was titled: "Melanin, Pineal Gland, Pineal Calcification: The Psychobiological Basis of Confluence Among Non-White Peoples and the Implications of Paradigmatic Dissonance in Cross Cultural Counseling."

Stanislaus J. Dundon, Philosophy, delivered a paper "Law vs. Justice, Technical Evidence and Authority in an Anti-Nuclear Argument" at the 14th Annual Conference of Value Inquiry, held at the State University College, Geneseo, New York, April 18-19. The paper is also published in the *Proceedings* of the conference.

Merrill C. Gaines, Architecture, published an article in the Spring, 1980, issue of *Journal of Architectural Education*, a publication of the Association of Collegiate Schools of Architecture. The article, titled "Teaching a Contextual Architecture," will be distributed to faculty at over 100 member schools around the country. Mr. Gaines also participated in the final jury for a Graduate Urban Design Studio in March at the UCLA School of Architecture. The studio was conducted by Toronto architect, Barton Myers, and his staff; the problem was concerned with developing strategies for redevelopment and renewal of the Hollywood area of Los Angeles.

Donald G. Hartig, J. Myron Hood, and Raymond D. Terry, all Mathematics, attended an American Mathematical Society Meeting at UC Davis on April 25-26. Hartig presented a paper titled, "The Riesz Representation Theorem Revisited," to a special session on Topological Measure Theory.

Arthur L. Schwartz Jr., Business Administration, had his discussion of creative real estate financing published in the April, 1980 edition of *The Auctioneer*. This magazine is published by the National Auctioneers Association.

Stanislaus J. Dundon, Philosophy, received a Congressional Fellowship, 1980-81, from the American Philosophical Association. This award is intended to provide humanistic input for congresspersons or their committees. Dundon's work will deal with Ethics in Public Policy.

Jens Pohl, Architecture, recently conducted a session of the American Institute of Architects' Seminar on Computer Uses for Architects in Sacramento. His topic was "Design Office Applications." The seminar was for professional architects and technical personnel in the practice field.

Philip Ruggles, Graphic Communications, has had a two-part article on pricing in-plant graphic products accepted for publication in *In-Plant Reproductions* magazine. Ruggles has also been a contributing editor for *Printing Impressions* magazine for the past three years.

Shirlene Soto, History, was an invited participant in a forum titled, "New Perspectives in Mexican-American History" at the Hutchins Center for the study of Democratic Institutions, University of California at Santa Barbara, on April 30. She also gave the keynote address on Mexican women at the Chicano Studies Cinco de Mayo Festival at Ventura College, May 2.

Bob Meyers, Recreation Administration, coordinated the recent California Society of Park and Recreation Educators Pre-Conference Institute held on March 7 in Sacramento. He also coordinated five other sessions at the California and Pacific Southwest Recreation and Park Conference and served as panel chair for one of those sessions.

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 interested persons are encouraged to apply.

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Building Maintenance Worker, \$1,262-\$1,383/month, Plant Operations. Duties: Performs semi-skilled tasks in building repair on roofs, floors, windows, doors, equipment, furniture, walls; hauls materials; assists other tradesmen as directed. Requirements: Two years experience in general maintenance and repair work, or as a trades helper/laborer. Working knowledge of various tools used and their proper employment and care. Hours: 7:30 am to 4 pm, Monday-Friday. Closing date: 5-29-80.

Equipment Technician I, \$1,339-\$1,610/month, Audiovisual Services. Duties: Under the direction of the Supervising Equipment Technician, repairs, maintains, overhauls and services a variety of audiovisual equipment and materials which includes TV cameras, monitors and video tape

Max T. Wills, Chemistry, presented a paper on azetidine chemistry at the June meeting of the American Chemical Society Northwest Regional section in Salt Lake City. An article by Professor Wills on azetidine chemistry appeared in the May issue of the *Journal of Organic Chemistry*.

Robert L. Hoover, Social Sciences, attended a symposium and exhibition on "Archaeological Treasures of Nigeria," held at the Palace of the Legion of Honor, San Francisco, on May 4.

Donald R. Floyd and Robert L. Hoover, both Social Sciences, attended a symposium on "Historic Logging Railroads of California," in Sacramento, presented and sponsored by the State Office of Historic Preservation, on March 17-18.

Joanne B. Ruggles, Architecture, had prints included in an April 10-May 3 theme exhibition titled "The Light is Different in California" held at Pratt Graphics Center in New York City.

recorders, 35mm slide and filmstrip projectors; paints, cleans, refinishes where necessary; uses special equipment; makes recordings. Requirements: One year experience in maintenance and repair of mechanical and/or electronic equipment. May involve some overtime work. This is not a training position. Closing date: 7-3-80.

Shipping and Receiving Assistant II, \$1,206-\$1,448/month, Procurement and Support Services Department. Duties: Supervision of the University shipping, receiving and mail operations involving receipt, storage and issuance of supplies, materials and equipment; developing of schedules for delivery or shipment of goods and mail. Requirements: Three years of experience in a storeroom or warehouse in performance of receiving, storing and issuance of supplies, materials and equipment, including one year in a supervisory capacity; thorough knowledge of modern storekeeping methods and practices. Closing date: 6-12-80.

Custodians, \$858-\$1,025/month; four full-time positions available, Residence Hall Services. Duties: General custodial work to include: carpet shampooing, wall and furniture washing, bathroom cleaning, furniture moving and set-up; service summer conference and workshop groups. Requirements: General knowledge of custodial methods and materials desirable. Hours: 7:30 am to 4 pm, but may vary on occasion. Closing date: 5-29-80.

encouraging notes

May 15, 1980

PROPOSAL WRITING SEMINARS: Seminars on writing research proposals will be given on Thursday, May 15, 1980, from 8 to 11 A.M., and repeated on Monday, May 19, 1980, from 9 to 12 A.M. Seminars on writing instructional and institutional proposals will be given on Thursday, May 22, 1980, from 2 to 5 P.M., and repeated on Wednesday, May 28, 1980, from 1 to 4 P.M. The seminars will be held in the Fisher Science Conference Room 292.

TAPE AVAILABLE OF FACULTY PANEL ON GRANTSMANSHIP: The faculty panel presentation on grantsmanship given last week was taped and will soon be available on cassettes for faculty loan. Call the Research Development Office, Extension 2982, for a copy if you could not attend the session.

- * NATIONAL SCIENCE FOUNDATION - BIOLOGICAL AND ECOLOGICAL APPLICATIONS.
This program's objective is to accelerate the rate of technological innovation based on basic advance in the biological and ecological disciplines. Areas of interest include, but are not limited to (1) Utilization of plant cell and tissue culture techniques for production of secondary metabolites; (2) Protoplast fusion to speed tests of new plant materials; (3) Microbial ecology of disturbed soils; (4) Modeling and management of ecosystems as a way of increasing effective use of land, water, and renewable resources; (5) Aquatic animal and plant culture using nutrient and water recycling in natural and artificial systems; and (6) Effects of harmful substances on the physiology, behavior, and biochemistry of organisms, including movements through trophic levels and food chain dynamics.

DEADLINE: JUNE 30, 1980

* NATIONAL SCIENCE FOUNDATION DEADLINES:

- June 30, 1980. Applied Social and Behavioral Sciences. For further information contact Dr. Frank Scioli, Division of Applied Research (202/357-6260).
- June 30, 1980. Ecology. For further information, contact Dr. David Johnston, Division of Environmental Biology (202/357-7324).
- June 30, 1980. Ecosystem Studies. For further information, contact Dr. Melvin Dyer, Division of Environmental Biology (202/357-5854).
- June 30, 1980. Population Biology and Physiological Ecology. For further information, contact Dr. Donald Kaufman, Division of Environmental Biology (202/357-7317).
- June 30, 1980. Systematic Biology. For further information contact Dr. John Beaman, Division of Environmental Biology (202/357-5846).
- June 30, 1980. Biological Research Resources. For further information contact Dr. James Tyler, Division of Environmental Biology (202/357-4135).
- June 30, 1980. Applied Physical, Mathematical and Biological Sciences and Engineering. For further information, contact Dr. Richard Schoen, Division of Applied Research (202/357-6260).
- July 1, 1980. Biochemistry. Contact: Dr. D. MacDonald Green, Division of Physiology, Cellular and Molecular Biology (202/357-4260).
- July 1, 1980. Biophysics. Contact: Dr. Arthur Kowalsky, Division of Physiology, Cellular and Molecular Biology (202/357-4260).



RESEARCH DEVELOPMENT • ADMINISTRATION 317 • TELEPHONE 546-2982
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- July 1, 1980. Cell Biology. Contact: Dr. J. Eugene Fox, Division of Physiology, Cellular and Molecular Biology (202/357-4117).
- July 1, 1980. Developmental Biology. Contact: Dr. Mary Clutter, Division of Physiology, Cellular & Molecular Biology (202/357-4314).
- July 1, 1980. Genetic Biology. Contact: Dr. Philip Harriman, Division of Physiology, Cellular & Molecular Biology (202/357-5985).
- July 1, 1980. Metabolic Biology. Contact: Dr. Elijah Romanoff, Division of Physiology, Cellular & Molecular Biology (202/357-4312).
- July 1, 1980. Regulatory Biology. Contact: Dr. Bruce Umminger, Division of physiology, Cellular and Molecular Biology (202/357-4298).
- July 1, 1980. Oceanographic Facilities Acquisition and Maintenance. Contact: Ms. Mary Johrde, Division of Ocean Sciences (202/357-4102).

**** NATIONAL SCIENCE FOUNDATION - PRE-COLLEGE TEACHER DEVELOPMENT IN SCIENCE PROGRAMS.**
 A brochure, "Guide for Preparation of Proposals for Pre-College Teacher Development in Science", for summer 1981 and academic year 1981-82 projects provides information on continuing education opportunities for teachers of grades 5 through 12 in mathematics and the natural and social sciences, through support of projects at colleges and universities. This Guide also gives directions for submission of proposals concerned in whole or in part with teachers of kindergarten through grade 4. Those proposals for teachers of these grades will be considered for funding at the Department of Education (DHEW) through a newly established program for continuing education in science and mathematics of primary school teachers. Teachers that bridge the range of grade levels of kindergarten through 4, and 5 through 12th grades will be considered for joint funding between NSF and DHEW.

NIE PUBLICATION - SEX EQUITY IN EDUCATION. The Research Development Office has received a publication entitled "Sex Equity in Education." The booklet contains an overview of NIE sex equity projects and publications whose purposes are to promote educational equity and to improve the quality of educational practice. NIE supports research and dissemination activities aimed at helping individuals to realize their full potential through education, regardless of race, sex, age, economic status, ethnic origin, or handicapping condition. The program areas are: Teaching and Learning, Educational Policy and Organization, and Dissemination and Improvement of Practice, with sex equity being an important concern.

**** OPPORTUNITIES TO IMPROVE EDUCATION - DEVELOPMENT AND RESEARCH IN MATHEMATICS.**
 This program is to improve the teaching and learning of school mathematics through the use of modern information-handling technology. Primary emphasis is on the development of prototypes of educationally relevant software; instructional courseware; and methods for assessing students progress.

DEADLINE: JULY 1, 1980

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- * Guidelines and/or Application Forms Available in the Research Development Office.
 - ** Information Requested/Available Soon.
 - *** Contact Agency Directly.