

# CAL POLY REPORT

California Polytechnic State University  
San Luis Obispo, California 93407

September 28, 1978

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## Wilson gets new title

President Robert E. Kennedy, on the recommendation of Hazel J. Jones (Vice President for Academic Affairs) has recently approved a change of title in the Academic Affairs area. The duties of Associate Dean, Curriculum and Instruction, and Associate Dean, Graduate Studies, have been combined in a single new title: Associate Dean, Undergraduate and Graduate Studies. Malcolm Wilson will serve in this new capacity and be responsible for curricular and instructional affairs. Dr. Wilson's office is in Adm. 309, at Ext. 2247.

## Gordon acting department head

Raymond G. Gordon has been appointed to serve as acting head of the Mechanical Engineering Department while a national search for a permanent head is conducted by a committee composed of mechanical engineering faculty. He began his new assignment on Sept. 1. A member of the Cal Poly faculty since 1967, Dr. Gordon formerly worked as a design engineer in industry. He is a graduate of Western New England College, University of Michigan, and University of California at Santa Barbara, where he earned his doctor's degree. Dr. Gordon succeeds Dr. John J. Kane who asked to be returned to a full-time assignment as a member of the mechanical engineering faculty.

## Distinguished Teachers, Outstanding Staff and Emeriti Named

Three teachers whose expertise in the classroom has been recognized by both their colleagues and students were honored during a ceremony held on Monday (Sep. 18) as part of the annual Fall Conference at Cal Poly. Named the university's "distinguished teachers" for 1977-78, they are Timothy M. Barnes (History), Donald P. Grant (Architecture), and John C. Syer (Political Science). Each received engraved plaques and \$100 checks made possible by the Armistead B. Carter Endowment Fund.

The extra service that makes a university campus a nicer place to study and work has won campus-wide recognition as "outstanding staff" for four members of the Cal Poly support staff. Honored at the same ceremony were Luther A. Bertrando (Computer Center), Joanna DeRosier (Secretary School of Engineering and Technology), Frank T. Lebens (Budget Officer) and Pauline Shaffer (Catering Manager, Foundation Food Services). They also received plaques and \$100 checks.

Nineteen men and women whose combined years of employment at Cal Poly total over 410 years were then recognized as emeritus members of the faculty and staff. Among those honored were 13 former members of the university faculty, 4 former support staff members, and a former dean of students. All had retired from university service within the past year. Honored as dean of students emeritus

was Everett M. Chandler, who retired last December after having been in charge of student personnel programs at Cal Poly since 1951.

Faculty members honored, with their departments and the years they joined the university, were: William M. Boyce (Management, 1962), L. LaVerne Bucy (Animal Science, 1955), David W. Cook (Associate Dean, Curriculum and Instruction, 1951), Bruce A. Dickson (Soil Science, 1952), Harold J. Hendricks (Electronic and Electrical Engineering, 1952), James Ray Holt (Physics, 1955), Russell Korsmeyer (Electronic and Electrical Engineering, 1958), John L. Merriam (Agricultural Engineering, 1958), Robert A. Mott (Physical Education, 1946), Billy Mounts (Director, Student Health Services, 1956), Evelyn D. Reagan (University Library, 1946-1948 and since 1954), Fred H. Steuck (Electronic and Electrical Engineering, 1947), Harmon B. Toone (Head, Dairy and Poultry Science, 1952), and Lloyd J. Work (Physics, 1958).

Support staff members who were recognized, with their departments and the years they joined Cal Poly, were: Collier Duncan (Locksmith, Maintenance and Operations, 1957), Margaret Green (Food Services Specialist, Cal Poly Foundation Food Services, 1960), Marie Janolis (Clerical Assistant, Engineering and Technology, 1962), and Lois Larson (Nurse, Student Health Center, 1962).

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## Sandburg featured at Poly

The life and work of one of America's greatest poets and novelists, Carl Sandburg, is the subject of an exhibit presently in the foyer of the Walter F. Dexter Library. Scheduled to continue through Saturday (Oct. 21) during regular hours of the library, the exhibit is credited with being one of the finest Sandburg collections in the country, according to Robert Blesse (Library staff). Blesse said the collection, which is on loan from California State University, Northridge, includes books, papers, manuscripts, letters, and other materials relating to the famed writer.

It most recently was displayed at the Chicago Public Library in commemoration of the 100th anniversary of Sandburg's birth. Sandburg, who was born in 1878 in Galesburg, Ill., and died at his North Carolina farm in 1967, is best known for his "Collected Poems," which won the Pulitzer Prize, and his four-volume biography of Abraham Lincoln. Blesse, who is special collections librarian for the Cal Poly library, said school groups and others from throughout the Central Coast area are invited to view the free exhibit.



## Pre-health majors boom at Poly

Cal Poly is looking good as a place to prepare for careers in health professions; at least, that conclusion can be drawn from the successful report by this year's graduates who have applied to U.S. medical schools and dental schools. Harry Fierstine (Biological Sciences) has the job of monitoring the success of professional school applicants in the health sciences, as chairman of the Health Professions Guidance and Evaluations Committee in the School of Science and Mathematics.

The committee advises and evaluates students who are pursuing pre-med, pre-dental, and pre-allied health programs at Cal Poly. Last academic year for the first time three pre-vet students also asked to be evaluated by the committee. Nationally, only 40 per cent of those who qualify for U.S. medical schools are accepted, and here in California the acceptance rate is closer to 33 per cent. Cal Poly's ratio of successes exceeds that figure.

This year five of the ten medical school applicants were accepted and one of the two osteopathic school applicants was accepted, for a 50 per cent acceptance rate. All eight of those who applied to U.S. dental schools were accepted for a highly exceptional 100 per cent acceptance. All three applicants to nursing schools were also accepted.

Other Cal Poly students were accepted for graduate studies in the health sciences, medical technology traineeships, physical therapy and podiatry schools, work in health administration, and summer work programs of the American Heart Association. During the past year the committee consulted with some 370 individuals planning careers in the health professions. Dr. Fierstine points out that while Cal Poly's reputation is widely recognized by those involved in programs of veterinary medicine, the pre-med and pre-dental preparation available at Cal Poly is not as well known.



## Welcome to new staff members

Donald L. Shelton (Director of Personnel Relations) announces the following appointments to new positions, transfers, and promotions in the support staff personnel for July, 1978. A hearty welcome is extended to the new members of the Cal Poly staff and congratulations to those that have been promoted!

### NEW EMPLOYEES

Robin L. Loftus, Clerical Assistant II-A, Financial Aid; Joni L. Martindale, Clerical Assistant II-A, Public Affairs; Ann Wassam, Departmental Secretary II-B, EOP.

### TRANSFERS

Cheryl A. Schweizer, Clerical Assistant II-B, Biological Sciences; Pat Tompkins, Clerical Assistant II-B, Farm Shop.

### PROMOTIONS

Nancy Raetz, Senior Secretary, Dean's Office (School of Agriculture and Natural Resources).



## Merit award

Joan E. McCarthy, Clerical Assistant (Mathematics) and Stuart Goldenberg, Associate Professor (Mathematics) recently received a \$45 award, divided equally, from the State Merit Award Board. Their recommendation was that all light fixtures within the campus be maintained and that reflectors be installed on all bicycle racks to eliminate the hazards of night riding.

The State of California Merit Award Board recognizes suggestions from State employees that result in saving of either manpower or funds or contribute to employees' safety. All employees are encouraged to submit ideas. Suggestion forms are available in the Personnel Office or the Business Affairs Office.

## Ag administrators will meet at Poly

Some 40 administrators of agricultural programs at the nation's non-land grant universities are expected to attend the annual meeting of the American Association of University Agricultural Administrators (AAUAA) on Sunday, Monday, and Tuesday (Oct. 1-3) at Cal Poly. "This is the first time the association has held its annual meeting on the West Coast and we're pleased that Cal Poly is the host school," said Howard C. Brown (Dean, Agriculture and Natural Resources) who is a vice president of the AAUAA.

Among featured speakers at the annual meeting will be Anson Bertrand, director of the Science and Education Administration, U.S. Department of Agriculture, and Cal Poly president, Robert E. Kennedy. Dr. Bertrand, former head of the Texas Tech University agricultural school, was recently appointed to the newly created USDA post. His department oversees several agricultural programs for international development. Others participating include J. Cordner Gibson (Emeritus Dean, Agriculture and Natural Resources) and Richard Johnson (Head, Animal Science).

## Owen retirement

Lee Owen (Chief Property Clerk) a Cal Poly employee for over thirty years, has announced his retirement effective Oct. 6. Lee came to Cal Poly in 1946, which gives him a total of 32 years of service. The Property Office was then a one-man operation located in the clocktower building. As Cal Poly has grown so has the property accounting function. With assistance, Lee now monitors an equipment inventory of over 21,000 items with a value of more than \$21 million. The many friends Lee has made over the years will have an opportunity to wish him well at a retirement coffee which will be held in the Staff Dining Room on Thursday (Sep. 28) from 2 pm to 4 pm.



# Poly authorities will study local oil mine revegetation

Contracts totaling nearly \$100,000 for studies on feasibility of revegetating a potential oil site south of San Luis Obispo have been awarded by the Phillips Petroleum Co. to the Cal Poly Foundation. According to the company, there are potentially millions of barrels of oil beneath the ground in the tar sands area in the Edna Valley but the proposed extraction would disturb the environment.

The company has contracted with two Cal Poly professors to lead studies restoring the area if the company eventually is permitted to conduct the oil extraction operation. A contract for \$73,495 was awarded to a team of Soil Science faculty headed by Delmar D. Dingus for a study of the revegetation of the area. Joining Dr. Dingus in the study will be Roger A. Vinande and David B. Lesczynski. A related contract for \$24,988 was awarded to V.L. Holland (Biological Sciences) to compile a list of all plant species in the area. He will be assisted by Julie Vanderwier, a graduate student.

The study by Dr. Dingus and his colleagues, to be completed by May 1979, will gather information on the soil properties of the area and analyze the chemical nature of the processed sand, natural surface soil, and deep-core material through greenhouse and field studies. Dr. Holland's study, to be completed by September 1979, will involve listing of all plant species in the area including rare and endangered species, preparation and mounting of herbarium species, preparation of a generalized vegetation map, and creation of a seed collection of dominant, and perhaps rare, plants.



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# Warning on misuse of public resources

State offices have received a reminder from the Department of Justice concerning regulations governing misuse of public resources in political campaigns. In general, the memorandum points out. . . "that 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." Examples of improper actions include use of public paid time or publicly owned materials for the following:

- Addressing campaign newsletters,
- Mailing newsletters and other campaign materials,
- Preparing lists of precinct polling judges,
- Preparing and sending press releases,
- Delivering and picking up campaign items to or from printers and florists,

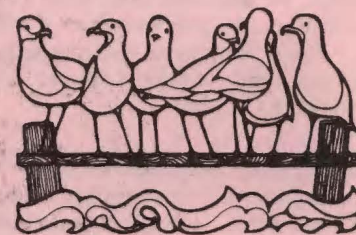
- Reviewing and preparing campaign disclosure statements required by law,
- Making telephone calls relating to fundraisers,
- Accompanying the candidate at campaign events,
- Preparing television messages,
- Typing thank you notes to campaign supporters,
- Copying campaign materials on publicly owned photocopiers,
- Obtaining voter lists,
- Preparing and promoting campaign events including fundraisers, and
- Soliciting campaign contributions.

In a memo addressed to elected officials, department heads, and administrative officers, Chief Deputy Attorney General Charles A. Barrett advised: "It is important to emphasize that this is a developing and complex area about which it is fairly said that you should seek legal advice from your counsel if you have any questions about any proposed activity."

## Poly profs in energy directory

Five members of the Cal Poly faculty are listed in a directory of energy consulting services that has just been published by the Statewide Energy Consortium of The California State University and Colleges. Among 100 faculty chosen for the directory, those from Cal Poly in the new book are Edgar J. Carnegie (Agricultural Engineering), Melvin E. McMichael (Head, Management), Jens Pohl (Architecture), William B. Stine (Mechanical Engineering), and Kay Zimka (Home Economics).

Cleve G. Turner, director of the consortium which is headquartered at California State University, Fullerton, said the directory is planned to be helpful in problems ranging from the economics of insulating materials or solar installations to the political-environmental impact on the community of such considerations. "The engineering and scientific advice needed to design or to recommend an energy-saving or alternative energy-producing device also is an area where such expert help is available," Dr. Turner said.



## DATELINE CORRECTION

Thanksgiving Academic Holiday is Wednesday through Sunday (Nov. 22-26) and not Nov. 23-26 as listed in the Sept. 25 issue of DATELINE.

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

**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.

Publications Editor: Fred Wolf, Ext. 2158, Adm. 210.



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

**Paula R. Scott, Library**, participated in the 1978 voyage of the Greenpeace Foundation to save whales July 17-Aug. 4. She served as Russian interpreter aboard the minesweeper *Peacock* in a 3,000 mile expedition in the North Pacific.

**Jeanette M. Reese, Health Services**, has been appointed to the Family Planning Advisory Board of the California Department of Health Services. The purpose of the board is to advise the State Department of Health Services on rules and policies related to family planning programs in the state.

**Donald R. Floyd, Social Sciences**, attended the 1978 meeting of the Public Service Careers Council in Los Angeles on Sep. 12.

**Calvin H. Wilvert and Donald R. Floyd, both Social Sciences**, attended the National Aeronautic and Space Administration's Nimbus-G Conference in Santa Maria, Sep. 16-18.

**Frank J. Hendel, Aeronautical Engineering**, spent the summer months with the U.S. Department of Energy in Laramie, Wyoming, where he worked on methods of obtaining fuel oils (including jet fuels) from shale oil. He also presented papers on coal liquefaction and gasification at the Western Plant Engineers Conference in Anaheim, and at the Laramie Energy Technology Center.

**James B. Lau, Management**, conducted a workshop titled "Integrating Individual and Team Effectiveness" for senior executives participating in a program of the Federal Executive Institute (U.S. Civil Service Commission) in San Francisco, Aug. 1-3.

**L. Joe Glass, Agricultural Engineering**, had a condensation of his technical presentation "Design Considerations of an Irrigation Well" printed in a recent issue of the *California Farmer*. The presentation was made at the annual meeting of the California Irrigation Institute. Dr. Glass is a member of the board of directors and the secretary-treasurer of the institute.

**Max E. Riedlsperger, History**, is the author of *The Lingering Shadow of Nazism: The Austrian Independent Party Movement Since 1945*, published by East European Monographs of Columbia University Press this summer.

**Wayne Shaw, Sports Information Director**, served as a press steward for the National Sports Festival in Colorado Springs July 27-30. Shaw was one of seven sports information directors from around the nation who was invited to assist in the press service effort during the festival by the United States Olympic committee.

**Laurence F. Talbott, Engineering and Technology**, was installed as the new vice president for professional development of the American Institute of Plant Engineers at the annual national convention and conference of AIPE in mid-June in Dallas, Tex. Dr. Talbott will coordinate AIPE's professional development activities and work with its committees on management development, public relations, research, and university liaison.

**Joseph N. Weatherby and Earl D. Huff, both Political Science**, have been notified that their co-authored article, "The Realistic Simulation: A Case Study of the Cal Poly Model United Nations," will appear in the journal, *Teaching Political Science*, edited by the Social Studies Development Center at Indiana University.

**Charles W. Quinlan, Architecture and Environmental Design**, presented a lecture on Aug. 29 as part of a five-week workshop at Arcosanti titled "Possible Prototypical Design Concepts for the Main Structure." Arcosanti, under construction in Central Arizona, will be a solar heated community for 5,000 with all facilities located in a single 24-story structure.

**Otto D. Ehrenburg, Architecture and Environmental Design**, prepared a paper titled "Biaxial Analogues of Triaxial Stresses" which has been accepted for publication in the *ASTM Journal of Testing and Evaluation*. The publication date of the manuscript is set for January 1979.

**William E. Noble, Ornamental Horticulture**, was a featured speaker at a three day Foliage Plant Seminar held in Anaheim, Sept. 17-19, sponsored by the Living Plant Growers Association.

**Eugene F. Coleman, Graphic Communications**, studied computerized typesetting systems at three New York City locations in July. His technical and background articles now appear monthly in the periodical *TypeWorld*.

**Kelth E. Nielsen, Speech Communication**, has been selected as a reader/evaluator of manuscripts under consideration for publication in *The International and Intercultural Communication Annual* published by the Speech Communication Association. Dr. Nielsen was also the guest speaker at the Central Coast chapter meeting of the California Association of Nurserymen in Morro Bay on Aug. 22. He spoke on interpersonal communication in small business organizations.

**Donald R. Floyd, Social Sciences**, participated in a two-week workshop on "Revolution in 20th Century China," at Stanford University from Aug. 7-18. He also attended the "1978 Energy/Environment Conference" sponsored by the Society of Petroleum Industry Biologists, in Los Angeles, Aug. 22-24.

## 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.

**Data Entry Operator, \$742-886/month.** Computer Center. Duties: Operating IBM keypunch and verifying machines, assisting in sorting and tabulating and performing related clerical tasks. Requirements: Must have the ability to key enter from average copy at the rate of not less than 7,000 strokes per hour with an error rate not to exceed 0.5% and have taken the General Clerical Test. High school graduates with six months of experience in the operation of IBM keypunch machines are preferred. Closing date: 10/12/78.

## FOUNDATION VACANCIES

The Foundation is accepting applications for the following open position as announced by J.L. Fryer, Personnel Officer. Interested applicants may apply at the Foundation Personnel Office, University Union Building, Room 212, 546-1121. Cal Poly Foundation 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.

**Supervising Custodian I, \$906-1086/month.** Food Service. Duties: Supervision of a custodial crew in the food service area; provide training and instruction in the proper use of materials and equipment; perform custodial and other duties as required. Requirements: Minimum of two years of supervisory food service custodial experience, completion of at least eight grades of elementary education. Closing date: 10/12/78.

**Receiving Clerk, \$726-867/month.** Bookstore. Duties: Receiving, inspecting, verifying, pricemarking incoming merchandise and books; moving books and merchandise from receiving area to warehouse/sales floor. Requirements: Equivalent to high school diploma, one year experience as receiving clerk, ability to handle heavy cartons. Closing date: 10/12/78.



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notes

\*\* NATIONAL ENDOWMENT FOR THE HUMANITIES FELLOWSHIPS FOR 1979-1980. NEH Fellowships provide support to scholars, teachers, and other interpreters of the humanities to undertake full-time study and research. In 1978-79, NEH Fellowships will be offered in two categories.

One group of NEH Fellowships is for independent study and research for persons engaged primarily in undergraduate teaching whose work will enhance their abilities as teachers and make important contributions to humanistic thought and knowledge. Faculty members in doctoral degree institutions, if they are predominantly engaged in teaching undergraduate courses, are eligible. *DEADLINE FOR APPLICATION IS OCTOBER 30, 1978.*

The second group of NEH Fellowships provides opportunities to undergraduate college teachers to participate in seminars directed by distinguished scholars at designated universities and to undertake research and study of their own choosing beyond the work of the seminar. Faculty members of departments with doctoral programs are not eligible to apply. *DEADLINE FOR APPLICATION IS NOVEMBER 13, 1978.*

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\* DANFORTH GRADUATE FELLOWSHIPS. The Danforth Graduate Fellowships give financial support and personal encouragement to selected persons who are committed to study for a Ph.D. and to careers in college or university teaching in subject-matter specializations likely to be taught in an undergraduate liberal arts curriculum.

Applicants may be either college seniors or Ph.D. students. Fellows are expected to study full-time at an accredited university in the United States, beginning in the fall of 1979.

Deadline for contacting the Cal Poly Liaison Officer, E. K. Perryman (Biological Sciences Department, Fisher Hall 264), is *OCTOBER 25, 1978.* *FINAL APPLICATION DEADLINE IS DECEMBER 15, 1978.*

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\* NATIONAL INSTITUTE OF HEALTH - PROGRAMS FOR RESEARCH IN AGING. The National Institute on Aging (NIA) has announced intentions to support research in the area of aging and bereavement, and retirement and aging as well as on clinical, biological, and pharmacological aspects of aging. Letters of intent to apply are due at NIA by *OCTOBER 15* and applications by *NOVEMBER 15, 1978.*

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\*\* DEPARTMENT OF TRANSPORTATION - URBAN TRANSPORTATION ANALYSIS, PLANNING, ENGINEERING, AND OPERATIONS. DOT's Urban and Mass Transportation Administration (UMTA) plans to award a limited number of grants to accredited institutions of higher learning to assist in carrying out research and training in urban transportation analysis, planning, engineering, and operations.

The program aims to (1) promote research and training which will be relevant to the programmatic needs of the Urban Mass Transportation Administration and which will strengthen State and local capability to plan, design, build and operate transportation systems and services, (2) encourage and support increased interactions between universities and local transportation and planning agencies on matters of local transportation concern; (3) encourage universities to become a source of ongoing advice, observation and evaluation with respect to transportation plans, programs and





DEPARTMENT OF TRANSPORTATION (continued)

projects in their own communities, and to serve as a mechanism for the exchange of experience with other cities and transit properties, (4) assist in the training of individuals already engaged in professional activities in public transportation, (5) attract more of the nation's young talent into careers in public transportation.

UMTA is inviting applications for two different types of grants, Project Grants and Program Grants. *APPLICATIONS MUST BE RECEIVED BY 4:00 P.M., DECEMBER 18, 1978.*

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NATIONAL SCIENCE FOUNDATION - FELLOWSHIPS. NSF has announced a *NOVEMBER 3, 1978*, receipt deadline for applications for NSF NATIONAL NEEDS POSTDOCTORAL FELLOWSHIPS and NATO POSTDOCTORAL FELLOWSHIPS IN SCIENCE. Applicants must be citizens or nationals of the United States. Awards are made in all fields of science, including interdisciplinary-multidisciplinary areas.

\* NSF NATIONAL NEEDS POSTDOCTORAL FELLOWSHIPS provide a stipend of \$1,000 per month, for full-time study or research, with tenure periods of six months to one year. In addition, the fellowships provide an institutional allowance of \$100 per month up to a maximum of \$1,200 for educational and research costs for Fellows attending U.S. institutions of higher education. Awards are made to individuals who have received the Ph.D. degree within the past five years and who present a plan for study or research in an area of national need. An estimated 125 awards will be made.

\*\* NATO POSTDOCTORAL FELLOWSHIPS IN SCIENCE are awarded for scientific study or scientific work outside the United States in a country that is a member of NATO or in countries cooperating with NATO. Eligible are persons who have received the doctoral degree in science, mathematics, or engineering within the past five years. The usual tenure period is 9 or 12 months, with the stipend set at \$920 per month, plus limited travel and dependency allowances of \$75 per month up to three dependents. An estimated 45 awards will be made. For further information and application materials contact: NATO Fellowships Program, Division of Scientific Personnel Improvement, NSF, Washington, D.C., 20550. (202) 282-7154.

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\*\* AMERICAN COUNCIL OF LEARNED SOCIETIES - STUDY FELLOWSHIPS. Stipends of not more than \$12,000 will be awarded to assist young scholars by study inside or outside the humanities in disciplines other than their present specialization which normally employ a different methodology. Study Fellows will normally be under 36 years of age and will have taught for two or three years since acquiring the doctorate. Applicants who wish to study within a structured program or under appropriate senior professors will be favored. *DEADLINE: NOVEMBER 15, 1978.*

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\* RECENT PUBLICATIONS RECEIVED

Basic Research in the Mission Agencies: Agency Perspectives on the Conduct and Support of Basic Research, published by the National Science Board. Gives historical perspective on and current trends in basic research for each of the governmental agencies that sponsors it.

Where the Money's At, P. B. Tobey and I. R. Warner. Gives a brief description of over 500 California grant-making foundations.

- \* Guidelines and/or applications available in Research Development Office, Admin. 314/x 2982.
- \*\* Information requested/available soon.
- \*\*\* Contact agency directly.