ALIOTO TO SPEAK ON "ENERGY CRISIS" FEBRUARY 7

A man praised for his articulate leadership in setting the case of the cities before Congress, Mayor Joseph L. Alioto of San Francisco, will speak at Cal Poly on Thursday, Feb. 7, at 11 a.m. in Chumash Auditorium. Alioto's appearance at Cal Poly will be the fourth in the university's 1973-74 Convocation Series. This visit is being co-sponsored by the university and the Student Council of the School of Business and Social Sciences.

Alioto has been described by Ralph Nader as a lawyer who "pioneered the struggles to protect private consumers, independent businessmen and family farmers from the ravages of monopoly and the price-fixers." His topic for the convocation presentation is "The Energy Crisis."

The son of a Sicilian fisherman, Alioto was born and raised in San Francisco and graduated magna cum laude from St. Mary's College in Moraga where he was student body president and valedictorian. He received his law degree in 1940 from the Catholic University of America, and has received Honorary degrees from St. Mary's, Santa Clara University, and from Catholic University.

After law school, Alioto worked for the Department of Justice in the anti-trust division. From there he returned to San Francisco to open his own private law firm, specializing in anti-trust cases. During his law career he has handled more than 3,000 cases, including suits against General Motors, Ford Motor Company, General Electric, and Standard Oil of New Jersey.

In 1948 Alioto was appointed to the S.F. Board of Education, where he served five years. The U.S. Senate then asked his help in 1956 for the development of the Food for Peace Program and later he was appointed by the U.S. Department of Agriculture to conduct a major survey of farm productions and marketing in South America. On Jan. 8, 1968, after his first bid for elective office, Alioto was inaugurated as the 33rd mayor of San Francisco. In 1971 he was elected for his second term.

Alioto is seeking the 1974 Democratic gubernatorial nomination and has said that, "as Governor of California, I would strive to be a healer of wounds, a mediator of conflicts, a patient arbiter of the inevitable social disruptions that occur when men and women make new claim for an improved life." Alioto's invitation to speak at Cal Poly predated his announcement that he would be a candidate for the governorship.

During Alioto's first term in the mayor's office, the now defunct Look magazine published an article which declared that he was "enmeshed in a web of alliances with at least six leaders of La Cosa Nostra." Alioto fired back with a $12.5 million libel suit which ended with the jury declaring the article false and defamatory, vindicating Alioto of any such associations.
SUMMER SESSION COURSE PROPOSAL DEADLINE EXTENDED

Don M. Morris (associate dean, continuing education) has announced that the deadline date of Jan. 21, 1974 for 1974 summer session course proposals has been extended to Feb. 1. These course proposals must be submitted to the office of continuing education through the department head and school dean. The dates for the 1974 summer sessions are:

1-week pre-session: June 17 - June 21 (Monday-Friday)
4-week first session: June 24 - July 20 (Monday-Saturday)
4-week second session: July 22 - August 16 (Monday-Friday)
1-week post session: August 19 - August 23 (Monday-Friday)

Instructors are urged to include any workshops lasting less than 1 week in either the pre- or post-session, designed for this purpose. For further information on Cal Poly summer sessions or extension programs, contact the office of continuing education, Adm. 317, Extension 2053.

LIVESTOCK TEAM BRINGS HOME 14 TROPHIES

A livestock judging team from Cal Poly won the National Western Livestock Show at Denver, Colo., on January 12 by the widest point spread in the history of the contest. The five-member team from Cal Poly scored 4,506 points. Texas Agricultural and Mechanical College of College Station was second with 4,357. The previous widest point lead was 98. The contest has been held for about half a century. The only other California University team scoring in the contest was California State University at Fresno, winning a trophy for the high team in swine judging.

The Cal Poly judges won 14 of the 17 trophies presented in the competition. Twenty-three teams from throughout the United States participated. The trophies returned to Cal Poly by the team members included two for the high team; one each for each member of the high team; and trophies for high team in sheep, breeding beef and market beef cattle, overall cattle, high individual in the contest, and high individual in sheep.

Livestock judging competition is based on how closely team members place classes of beef, sheep, swine, and horses in relationship to official placings by a panel of nationally-recognized judges.

POLY RESEARCH GRANTED $5000

A federal grant of nearly $5,000 for support of faculty science research projects has been awarded to Cal Poly for use by the university Research Committee. The $4,560 grant from the National Science Foundation, is expected to help maintain a strong academic basis for Cal Poly's science, mathematics, and engineering resources.

Howard Boroughs (Director, Research Development) said that the monies from NSF's Institutional Grants for Science program help encourage faculty involvement in research activities and projects. Every quarter the university's Creative Activity and Research Effort Committee reviews applications from faculty and research projects and allocates funds for selected projects. Nine projects received support from the committee last year.

The NSF grant, to be administered by the Cal Poly Foundation, was based on awards and grants given to the university over the past year from 14 federal agencies, including the Department of Housing and Urban Development. More than $38,000 in Institutional Grant for Science monies have been awarded to Cal Poly over the past five years.
TRUSTEE MEETING ACTIONS REPORTED

The Board of Trustees of The California State University and Colleges took the following actions at its meeting Jan. 23:

--Authorized the Committee on Faculty and Staff Affairs to meet prior to the next regular meeting of the full Board to request of the Governor and the Legislature sufficient funds for salaries and fringe benefits for academic salary group personnel for 1974-75.

--Adopted a Statement of Nondiscrimination and Affirmative Action for The California State University and Colleges, applicable to both academic and nonacademic personnel programs.

--Named the new administration-business administration building at CSU, Fullerton, the "William B. Langsdorf Hall." Dr. Langsdorf served for over 10 years as the founding President of the campus. He retired in fall 1973 from the position of Vice Chancellor for Academic Affairs in the Chancellor's Office.

--Named the Arabian horse facility at California State Polytechnic University, Pomona, the "W. K. Kellogg Arabian Horse Center."

--Accepted the gifts and pledges in support of the Beef Cattle Evaluation Center at California Polytechnic State University, San Luis Obispo.

MCCORNE NAMED HUMBOLDT PRESIDENT

The University of the Pacific's ranking academic administrator has been named President of Humboldt State University by the Board of Trustees of The California State University and Colleges. The appointment of Dr. Alistair W. McCrone was announced by Board Vice Chairman William O. Wiessich of San Rafael and Chancellor Glenn S. Dumke following deliberation by the Trustees.

Dr. McCrone, who became Academic Vice President at UOP in 1970, will succeed Dr. Cornelius H. Siemens, who retired from the Humboldt presidency last fall. President McCrone's appointment will be effective after the end of the current academic year. Milton Dobkin is serving in 1973-74 as the university's Acting President.

Born in Canada in October 1931, Dr. McCrone came to University of the Pacific four years ago from New York University. There he served as Associate Dean of the Graduate School of Arts and Sciences. Concurrent with his appointment as UOP's Academic Vice President Dr. McCrone also held the rank of professor of geology, the subject of studies which led to his Ph.D. in 1961 from the University of Kansas.

RETURN OF CARPOOL QUESTIONNAIRES URGED

On Jan. 14, 1974 a carpooling questionnaire was sent to all faculty and staff members to determine the degree of interest in establishing a carpooling program. Donald L. Shelton (director of personnel relations) urges those who have not yet completed and returned the questionnaire to do so as soon as possible. Questionnaires are to be compiled according to designated sections of San Luis Obispo and surrounding areas, and the results will be made available in the form of a computer printout to interested employees. Transportation arrangements can then be made between those who desire to participate in carpools. Completed questionnaires should be returned to the Personnel Office, Adm-110.
 COMMITTEE TO ENCOURAGE, COORDINATE COMMUNITY IMPACT STUDIES

An organizational meeting of the Coordinating Committee for Community Impact Studies has been held and the committee's chairman, William Alexander (Head, Political Science Department), has invited faculty and students who may be involved in studies of the university's impact on the community to get in touch with him at 546-2984.

The committee, which consists of members nominated by the deans of the academic schools, the dean of students, vice presidents, Associated Students, Inc. president, and chairmen of the Academic Senate and Staff Senate, was appointed by the president to coordinate studies involving not only Cal Poly's economic impact on the community, but other important areas such as transportation, recreation, housing, cultural, environmental, community services, and government. Tom Dunigan (Director, Institutional Research) serves as secretary of the group.

Alexander said the first concern of the group would be to identify existing studies which should receive the committee's attention. The next meeting of the committee will be held Thursday, Feb. 7 at 3 p.m. in Admin-301.

HOUSING SOUGHT FOR MUSICAL CAST

Up With People, the musical troupe performing at Cal Poly on Sunday, February 3 is seeking housing for the 120 member cast. Accommodations are needed for the troupe for February 1 through 4. Three members of the troupe, Dave Schmalz, Gary Buynak, and Laura Edigar are already on campus making arrangements for the performance here.

Faculty, staff members, and married students who would like to provide housing for one or more members of the cast can telephone Dave, Gary or Laura at the Associated Students business office, 546-4761. Families hosting members of the cast may be called upon to provide transportation to the campus for their guests. The cast includes men and women, 17 to 24 years of age, representing cities throughout the United States and Europe.

JOURNALISM GETS READERS'S DIGEST GRANT

Student journalists at Cal Poly will again be able to expand their reporting experience with a research-travel grant from the Reader's Digest Foundation. "The $1,000 grant will be used to enhance the values of the journalistic education and experiences of our students," said John R. Healey, head of Cal Poly's Journalism Department. This is the seventh year the department has received such a grant.

Past grants have allowed student reporters and photographers to cover university Trustee meetings, interview prominent persons, and research many special feature articles on elections and legislative sessions. Last year an in-depth feature on maintaining Hearst Castle was done by students with the help of the grant.

DISTINGUISHED TEACHER NOMINATIONS DUE FEB. 1

Faculty members are reminded that nominations for the university's 1973-74 Distinguished Teacher Awards are due on or before Feb. 1, according to Hewitt Wight (Chemistry), who is chairman of the Academic Senate committee which makes the selections. Forms for use in making nominations are available in the offices of instructional departments. Completed nominations forms may be sent to the Academic Senate Office in Tenaya Hall or left in the deposit box located at the Information desk in the Julian A. McPhee University Union.
JOE HARPER AGAIN NAMED COACH OF THE YEAR

Joe Harper, who has logged a brilliant 44-16-1 football record in his six seasons as head coach at Cal Poly, has been voted District 9 College Division Coach-of-the-Year for the second straight year by members of the American Football Coaches Association. Harper, who has built a 17-2-1 record the past two seasons and took the Mustangs to the 1972 Camellia Bowl, has been presented a plaque by the Eastman Kodak Company. Harper has forged six straight winning seasons and is closing in on the university record of nine winning campaigns in a row by LeRoy Hughes from 1951-1959. Harper's winning percentage of .730 for his six-year tenure at the Mustang helm is the best in Cal Poly history.

PERSONNEL REPORT RECEIVED FROM CHANCELLOR'S OFFICE

Copies of the 11th Annual Report to the Governor and the Legislators on personnel matters have been received on campus from the Office of the Chancellor. Copies have been provided to the chairmen of the Academic Senate and the Staff Senate and to the Library.

The report contains a summary of recommendations to the Governor and to the Legislators concerning 1974-75 Trustees' salary and budget requests, including graphs of salary and fringe benefit comparisons for The California State University and Colleges and for 20 comparison institutions.

ENERGY BRIEF

An informational pool to enable greater energy conservation by some 180 Los Angeles County educational institutions has been proposed by Chancellor Glenn S. Dumke of The California State University and Colleges. Chancellor Dumke made the proposal in letters to the county's public school superintendents and to presidents and chancellors of public and private two- and four-year colleges and universities.

The Los Angeles Department of Water and Power has indicated interest in serving as a medium for the informational exchange program, Chancellor Dumke said. Chancellor Dumke invited the county's educational leaders interested in setting up the exchange program to contact him.

NEW GASOLINE CREDIT PROCEDURES IMPLEMENTED

There is a new credit card contract with Standard Oil effective Jan. 1, 1974, as announced by Don Vert (Procurement and Support Services Officer). The state of California may continue to do business but at the local pump prices. All state vehicles will be subject to any local restrictions or policies such as limiting gallonage pumped. In short, the contract does not guarantee any gasoline or services to the state of California.

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JANUARY SALARY WARRANTS WILL BE AVAILABLE AT 4 P.M. ON WEDNESDAY

January salary warrants for faculty and staff of the university will be available at 4 p.m. on Wednesday (Jan. 30) the last day of the pay period. Warrants batched by department may be picked up at the Cashier's Office, Adm-131-E, and those picked up on an individual basis may be picked up in the Business Affairs Division Office, Adm-114, after that time.
Sara Behman (Economics) was the speaker at the January meeting of the Industrial Relations Research Association, California Central Coast Chapter in Santa Maria. Dr. Behman, Secretary-Treasurer of this newly organized professional association in the Central Coast, spoke on "The Background and Economics of the Energy Shortage." She also attended the annual professional meetings of the American Economic Association and the Industrial Relations Research Association in New York City, December 28-30, 1973.

Joan Cirone (Health Center) has been appointed to the Advisory Committee for the U.C.L.A. Nurse Practitioner Course for 1974-75. The committee will help develop the format and content of the Nurse Practitioner Course set for July 1974, at U.C.L.A.

Lloyd A. Hall (Health Center) has been notified by the American Board of Family Practice that he has successfully completed the requirements of the Board in the certifying examination of Oct. 20-21, 1973. Dr. Hall is now a Diplomat of the American Board of Family Practice.

Phil Adams (Economics) has been named to the editorial board of The Journal of Economic Education.

David W. Hafemeister (Physics) is a co-contributor in the eight volume of Mossbauer Effect Methodology, edited by I. J. Gruverman and W. Seidel, published by Plenum Press. Dr. Hafemeister's contribution is entitled, "Mossbauer Studies of Implanted Ions in Semiconductors;" it is one of a series of publications intended to develop Mossbauer effect methodology and its applications.

Kenneth S. Ozawa (Physics) recently presented a paper titled, "Wind-generated Waves in La Cygne Lake" at the annual fall meeting of the American Geophysical Union held in San Francisco. Mr. Ozawa is currently on leave, working with a research group at University of Kansas, Lawrence, Kansas.

Walt Elliott (Physics) participated in the Chatauqua Technical Physics Curriculum Project, sponsored by the American Association for Advancement of Science and funded by Exxon Foundation. The project activities were coordinated at Stanford Education Research and Development Center, where 13 physics faculty from California Colleges and Universities participated in developing physics curricula.

Walt Elliott and Ted Foster (Physics) recently demonstrated physics phenomena and talked about physics to students at Quintana School who participate in the gifted student's program.

William W. Armentrout (Education) made a presentation on implementation of the Teacher Preparation and Licensing Act of 1970 (Ryan Act) at a Ryan Act Workshop sponsored by the Ventura County Superintendent of Schools on January 23, in Oxnard. Personnel representing 36 school districts in San Luis Obispo, Santa Barbara, and Ventura Counties were in attendance.

El Corral takes pleasure in presenting an exhibition titled, "I Formaggi Italiani," a photographic display of Italian cheeses and the cheesemaker's craft, collected by Scott Maurer, fifth year architecture student at Cal Poly. The exhibition will be on display in the Mini Art Gallery of El Corral from Monday, Jan. 28, through Friday, Feb. 8.
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 of Personnel Relations). Those interested in learning more about the positions are invited to contact the appropriate dean or department head. Cal Poly is an Affirmative Action Employer. Following is a description of the available positions:

Instructors, Intermediate and Senior; Lecturers, Range G and F ($10,800-$17,595/annually—for A.I. paid in 12 monthly installments), School of Architecture and Environmental Design. Position available for winter and spring quarters 1974-75 academic year. Duties and responsibilities include teaching undergraduate and graduate classes in architecture or environmental design. Applicants should be prepared to submit a brochure of original work for review, which must possess a master's degree, and have office or field experience. Minority group members and women are encouraged to apply.

Instructor, Range E ($4,596-$5,584/quarter—paid in four monthly installments), Graphic Communications Department, School of Communicative Arts and Humanities. Position available for spring quarter 1974 only. Duties and responsibilities include teaching undergraduate and graduate classes in communication arts or humanities. Applicants should possess at least a master's degree, and have teaching experience. Minority group members and women are encouraged to apply.

Assistant Professor ($10,400-$13,789/annually—for A.I. paid in 12 monthly installments), Physics Department, School of Science and Mathematics. Position available September 1974. Duties and responsibilities include teaching undergraduate and graduate classes in physics and related sciences as appropriate to the specialization of the candidate selected. Applicants should possess a master’s degree or equivalent in physics or another related physical science in geophysics or geology, or hold a doctorate in astronomy or physics. Minority group members and women are encouraged to apply.

Assistant Instructors ($705/quarter—paid in four monthly installments), Biological Sciences Department, School of Science and Mathematics. Positions available for spring quarter only. Duties and responsibilities include teaching undergraduate and graduate classes in zoology, botany, or other related sciences. Applicants must possess a B.S. in Biological Sciences (or equivalent) with additional work toward the M.S. degree in Biological Sciences. Appointments may be obtained and must be returned to the Biological Sciences Department Office by FEBRUARY 15, 1974, and must be accompanied by three letters of recommendation, and transcripts. Minority group members and women are encouraged to apply.

SUPPORT STAFF VACANCIES LISTED

Vacant support staff positions have been announced by S. Milton Piuma (Staff Personnel Officer). Descriptions of the positions and other vacancies are posted outside the Personnel Office, Adm-110, 546-2236. Contact the Personnel Office to obtain an application.

Typewritten copy intended for the next issue of Cal Poly Report must be received prior to 12 noon on Friday, Feb. 1, in the Office of Information Services, Adm-210. Copy intended for Cal Poly Dateline, which replaces the "Coming Events" section of Cal Poly Report and is published separately on Thursdays, is due in the Office of Information Services by 12 noon on the Tuesday before publication.
U.S. COLLEGE ENROLLMENT UP

Total enrollment at colleges and universities in fall 1973 was 9.6 million, an increase of 3.9 per cent over the total of 9.2 million recorded a year earlier. The figures, described as preliminary, were released in early January by the National Center for Educational Statistics.

The total figure is a new high, but the percentage gain was below that of previous years.

Dorothy M. Gilford, assistant U.S. education commissioner for educational statistics, said there were 2,736 institutions of higher education last fall, with a total of 3,015 reporting units (campuses and branches) in operation.

Of the total, 18 institutions in eight states and one outlying area were unable to report their enrollments by Dec. 13. Their 1972 enrollments are counted in the totals. Experience has shown that the final enrollment figures will not vary as much as two per cent from the early estimates.

The total figures show that university enrollments were 3,193,281, up 3.2 per cent; other four-year institutions, 3,552,229, up 0.5 per cent; and two-year institutions, 2,917,253, up 9.2 per cent.

California reported a total higher education enrollment of 1,467,355, more than any other state. Others in the top five: New York, 895,400; Texas, 503,612; Illinois, 494,859, and Pennsylvania, 440,321.

A total of 1,801,757 first-time students enrolled at public institutions, an increase of 4.4 per cent over 1972. Private institutions enrolled 444,691 first-time students, a decrease of 0.1 per cent.

SUGGESTIONS FOR IMPROVEMENT OF GENERAL EDUCATION REQUIREMENTS

The General Education and Breadth Committee is soliciting suggestions for improvement of the present general education requirements. Suggestions may be submitted by an individual or a group and must be in writing. Suggestions must be received by Feb. 22 to receive consideration. Please mail suggestions to Paul Scheffer (Industrial Engineering). The committee meets the first and third Tuesdays each month in Room 101, Graphic Arts Building, at 4 p.m.

SUPPLEMENT TO CAMPUS DIRECTORY PUBLISHED

The attention of all faculty and staff is drawn to the addendum to the 1973-74 campus directory, which is attached to this issue of Cal Poly Report. Any questions you may have with regards to the information contained in this supplement may be directed to Barbara Ciesielski (general office), ext. 2181.

VISTA GRANDE DISPLAYS NORWAY PHOTOS

Photography by Eli S. Jenkins, who has won a number of international and national awards in photography is currently on display in the lobby of Vista Grande. Mr. Jenkins, who is interested in ecology, is displaying 25 photographs of Norway. He chose Norway because it is an "ecologically beautiful place" where the dwellings fit into an organic whole. Mr. Jenkins is in the English Department here on campus and plans to write a book entitled "In Search of Norway."
Technician Education Program. The Science and Engineering Technician Program, recently announced by the National Science Foundation (NSF) in the guide for preparation of proposals (E-74-18), has as its objective the stimulation of the development, demonstration, and evaluation of a limited number of collegiate level technician programs which provide:

- a sound scientific and technical basis for continuing professional growth,
- an ability to adapt to technological advances, and
- job entry skills for employment in scientific and technological activities.

Priority is given to projects concerned with manpower needed to resolve contemporary national problems, with eligible areas including engineering and the biological, mathematical, physical, and social sciences, either singly or in well integrated combinations of the various disciplines. Projects in medical, paramedical, and business-related technologies are not eligible for support. An institution may have only one proposal under consideration at any time.

There is no specified deadline for application. Preliminary proposals, prepared in the format specified in E-74-18, are submitted for initial review and every effort will be made to respond to the proposals within six weeks of receipt. The formal proposal is then submitted, again following the specifications in E-74-18, and the NSF indicates that it will be about three months before a final decision can be reached.

The Foundation recognizes that programs will be responsive to local technical manpower needs, but will give priority to those projects typical of problems of a national nature. Two-phase projects will be considered. For first-phase activity, funds may be requested for the service of a representative project advisory committee and for released time for professional and support staff. During this period, efforts might be directed toward classroom application and revision of available core materials, designing a specific program for trial implementation, and arranging for exchange, testing, and revision of specialized materials with other schools. Second-phase requests may, in addition, include released time and equipment for trial implementation, evaluation, review panels and materials exchange, and workshops for collaborators.

The proposal guide (E-74-18) is available in Adm. 314. Inquiries may be addressed to:

Materials and Instruction Development Section
Division of Higher Education in Science
National Science Foundation
Washington, D. C. 20550
(202) 282-7910

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Technological Innovation in Education. Grants are awarded to develop and evaluate new computer and related communication technologies and systems that will significantly contribute to education, at all levels, in the sciences. The National Science Foundation encourages proposals in three areas: (1) Technology and systems, including studies of computer technology and techniques applicable to instruction, testing and evaluation of systems of exceptional technological innovation and promise; (2) Applications and Courseware—development, testing, and evaluation of new applications and courseware in selected disciplines to encourage use of computing and communications technology in new ways; new computer-related instructional methods; ways to disseminate new instructional ideas and products; (3) Special Projects—testing and evaluation of prototype instructional systems for use in educational settings other than the classroom. Projects are generally for one year's duration. Application information may be obtained from, and preliminary proposals submitted to:

Technological Innovation in Education
Office of Experimental Projects and Programs
National Science Foundation
Washington, D.C. 20550

There are no Federal deadlines.

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Exxon Education Foundation. The January 15 issue of Encouraging Notes carried information about IMPACT, a program encouraging innovation in materials and procedures affecting college teaching. A second Exxon program, also with a March 1 deadline, supports projects that promise to lead to wide improvement in instruction, administration, or physical facilities utilization in higher education. Grants support (1) pilot projects, (2) developmental efforts, or (3) examination or analysis of practices, trends, and developments in higher education. Projects must have the potential to benefit a broad segment of higher education and should enhance the effectiveness of the educational process. Institutions must assure continuance of successful efforts after support has terminated. Most grants do not exceed $100,000. Contact: Educational Research & Development Program, Exxon Education Foundation, 111 West 49th Street, New York, N.Y. 10020, (212) 974-2273.

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Undergraduate Research Participation Program. Detailed information is available in the Research Development Office, Adm. 314, concerning the Argonne National Laboratory, Argonne, Illinois. February 8 is the closing date for summer participation by students who will have completed their junior or senior year by June 10, 1974. Appointments are for June 10 to August 16, 1974. There is an application closing date of March 1 for students interested in the Fall program, September 3 to December 20.

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Asia Foundation Grants. Various types of grants to student nationals of specified Asian countries are available from the AIBS Asia Foundation Program, 3900 Wisconsin Avenue, N.W., Washington, D.C. 20016. These include grants-in-aid, travel awards, and the Asia Foundation Awards. Application forms and further information may be obtained from the Asia Foundation. Most of the deadlines are March 1, 1974.