

CAL POLY REPORT

California Polytechnic State University
San Luis Obispo, California 93407

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Memorial services for Nelson held in San Luis Obispo

Memorial services for Donald S. Nelson, who died on Thursday (Nov. 22) were held on Wednesday (Nov. 28) at St. Stephen's Episcopal Church in San Luis Obispo.

Nelson died of an apparant heart at tack in a local hospital. He was Cal Poly's director of business affairs for 29 years during a period of growth, both in the student body and in the size and number of campus buildings. He was named emeritus director of business affairs on his retirement in 1971.

Before joining the university staff in 1943, Nelson worked as an auditor with the State Department of Finance and on the business management staff at what was then Fresno State College.

Those who wish may make memorie contributions to either the St. Stephen's Memorial Trust Fund or to the Achievement House of San Luis Obispo.



New ATSS prefix

We have been notified by California State University, Dominguez Hills, that their ATSS prefix has changed to 674 effective immediately.

H. Brown elected to AAUAA post

Howard C. Brown (Dean, Agriculture and Natural Resources) has been elected executive vice president of the American Association of University Agricultural Administrators (AAUAA) at the organization's annual meeting in October.

The AAUAA is composed of agricultural administrators from 56 non-land grant universities in the U.S. Dr. Brown's election took place at the annual meeting hosted by Murray State University of Kentucky with 29 delegates in attendance. At the meeting, Dr. Brown also participated as a panel member discussing the impact of AAUAA schools on the structure of American agriculture.

Dr. Brown first joined Cal Poly in 1943 in the Ornamental Horticulture Department and served as department head for 22 years prior to being appointed dean in 1976. He is also a member of the State Board of Food and Agriculture, an advisory group to California's governor and director of Food and Agriculture.

Intramural speech tourney planned

Cal Poly students who always wanted to test their skills as public speakers will be able to do so during an intramural Public Speaking Tournament at the university on Saturday (Dec. 1). Competition in persuasive speaking will be held from 8 am to 12:30 pm in several rooms of the Science North Building, according to Pamela Miller, who is coordinating the event.

Dr. Miller (Speech Communication) said tournament rules will allow speeches of five to seven minutes length on any subject. Prizes will be awarded to the winners. Registration will begin at 8 am and the first of three rounds of competition will begin at 8:30. The final round will begin at 11:30 am and prizes will be presented at 12:30 pm.

Entry forms for the campus tournament are available in the Speech Communication Department Office in Trailer 76-H2, or in the Debate Office, Davidson Music Center 104. They must be completed and turned in at the department office by 4:30 pm on Thursday (Nov. 29).

New parking laws

Cal Poly students, staff, and faculty who park in spaces on City of San Luis Obispo streets south of the campus will have to change their parking habits beginning next month. The need for those changes results from new city ordinances which establish a program of preferential parking in the area generally bounded by Hathway Avenue, Slack Street, Grand Avenue, and Fredericks Street.

E. Douglas Gerard (Executive Dean) said enforcement of preferential parking within that area will be between 8 am and 5 pm on weekdays, except academic holidays, starting Dec. 3. Citations will be issued to those who park there without special permits starting on Jan. 2. According to the plan adopted by the City Council, signs indicating that parking will be by permit only for residents of that neighborhood will be posted along the streets.

Specific areas included in the new parking control area will be the south side of Slack Street, except the portion adjacent to Pacheco School; the west side of Grand Avenue between McCollum and Fredericks Street; both sides of Hathway Avenue northerly from Fredericks to the campus service road serving the Physical Education Building, except the northerly side adjacent to the physical education play field; and all streets contained within that boundary and by Fredericks itself, although Fredericks is not included in the program. Questions about the new parking district can be directed to the Executive Dean's Office, Ext. 2581.

Poly Royal theme

Student Leslie K. Pope is \$30 richer because of her winning entry in the 1980 Poly Royal theme contest. Miss Pope, a junior dietetics and food administration major, suggested "Poly Royal 1980: A Transition Through Time," which was adopted as the official theme for the 48th annual fete, to be held at Cal Poly Friday and Saturday, April 25 and 26.

First runner-up in the contest, sponsored by the Poly Royal Executive Board, was Marianne Frew, also a junior dietetics and food administration major. The winner of a \$10 gift certificate, Miss Frew's entry was "Building Bridges to Tomorrow."

Band-O-Rama

Three instrumental ensembles will make their first appearances in the Band-O-Rama Concert series when that traditional fall music event gets its 1979 renewal at 8 pm on Friday (Nov. 30) in Chumash Auditorium.

Scheduled to join the university's 175-member Cal Poly Mustang Marching Band for the concert are the University Symphonic Band, a newly formed brass band, and The Studio Band. Tickets, priced at \$3 for adults and \$1.50 for students, will be sold in advance by members of the bands and at the University Union ticket office. They will also be available at the door on the evening of the concert.

William V. Johnson (Music) director of bands, said one of the highlights of the 1979 Band-O-Rama will be the debut performance of the University Brass Band, an ensemble of 25 brass players and three percussionists. The Brass Band was added to the university's band program after Johnson returned to campus from a sabbatical leave during which he studied the brass band movement in Great Britain.

With "A Wind Instrument Spectacular" as its theme, the concert will also feature the Mustang Marching Band's presentation of music from its pre-game and halftime shows from the 1979 football season. Included will be music by Gershwin and Beethoven; the theme from two recent motion pictures, "Main Event" and "Children of Sanchez;" the Tom Jones favorite, "She's a Lady;" "Goldfinger" and "Live and Let Die," both themes for popular James Bond movies; and the jazz immortal, "Ja-Da." The Band-O-Rama concert is being presented by the Music Department and ASI.



November salary warrants for faculty and staff of the university will be available at 3:10pm on Thurs., Nov. 29, the last working day of the pay period. Authorized representatives from departments whose checks are batched may pick up department checks from the Cashier's Office, Adm. 131.

University Singers in concert

The University Singers will feature numbers by contemporary composers Aaron Copland and Benjamin Britten and religious music by Anton Bruckner and Orlando Gibbons during a campus concert scheduled for Saturday (Dec. 1) The program will begin at 8:15 pm in the Cal Poly Theatre. The public is invited to join members of the campus community in attending. Admission will be free.

John Russell (Music) conductor of the 35-voice mixed ensemble, said it will present Gibbons' "Hosanna to the Sun of David" and Bruckner's "Christus Factus Est" just prior to the concert's intermission and will conclude the event with "I Lov'd a Lass" by Britten, "Our Captain Calls All Hands" by John Gardner, and "Ching-A-Ring Chaw" by Copland.

Kottke will play

Composer/guitarist Leo Kottke will be the second attraction of the 1979/80 Concerts Committee presentations. Kottke, who records for the Chrysalis label, appeared at Cal Poly several years ago, and was a resounding success. His upcoming appearance is scheduled for Chumash Auditorium on Sunday, Dec. 2.

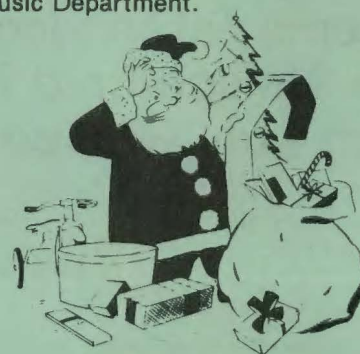
Two shows are set at 7 pm and 10 pm. The public over the age of 16 is invited. Prices are \$6 in advance for students and \$7 for the public, and a dollar higher at the door. Student and public tickets are available only at the University Union ticket office.

Kottke has been awarded Guitar Player magazine's "Best Acoustic Guitarist" prize for the past five years; the German Grammy in 1977 for best instrumentalist, and Performance magazine's "Best Instrumentalist" award for 1976. Also, his music was part of the soundtrack of the Academy Award-winning feature film, "Days of Heaven."

He's presently host of Don Kirshner's new Weekend Jam television rock show. Those planning to attend the concert are reminded that smoking, drinks and food are not allowed in Chumash Auditorium. Neither are beanbag or lawn chairs. Concerts Committee is one of several ASI programming committees.

Also programmed for the concert, according to Russell are numbers by soloists Tim Mussard (Music, part-time) baritone, and Kristi Dearing (Music, part-time) mezzo-soprano. Mussard, director of choirs at Lompoc High School will open the concert with Franz Schubert's "To My Lyre;" "Dream at Twilight," "Devotion," "I Carry My Love," and "Freed," all by Richard Strauss; and Gian Carlo Menotti's "The Hero."

Following intermission, Ms. Dearing, a former member of The Roger Wagner Chorale, will perform "Hermit Songs," a group of anonymous 8th through 13th century Irish texts with settings by Samuel Barber. She will also join the University Singers for their presentation of "I Lov'd a Lass." The concert is being presented by the Music Department.



Sale at El Corral

Faculty and staff are invited to attend the third annual Christmas discount sale December 6, 7, 8, 10 and 11 at El Corral Bookstore. During the sale El Corral will deduct 20% from the marked price of all merchandise in the store except: textbooks, tobacco and food items, typewriters, photo processing, calculators, calculator accessories, catalogs, class schedules, class rings and special orders.

Discounted will be all other items on hand including trade books, gifts, supplies, art and technical equipment, jewelry, etc. Hours for the sale will be Thursday and Friday (Dec. 6 and 7) 7:45 am to 4:30 pm; Saturday (Dec. 9) 10:30 am to 2:30 pm. Monday and Tuesday (Dec. 10 and 11) 7:45 am to 4:30 pm. Sale merchandise will be limited to existing stock on hand with no refunds. El Corral will offer free gift wrapping with any purchase during the sale.

Ruggles pens estimating book

A textbook to aid persons in the graphic arts field estimate costs of printing has been authored by Philip Ruggles (Graphic Communications). The 358-page book, titled *Printing Estimating: Principles and Practices*, covers all aspects of costs involved during the production and printing process. It has been published by Breton, Inc., of Belmont. The hard-cover text retails for \$20.

Ruggles, who joined the Cal Poly faculty in 1966, has worked in the printing and publishing industry for more than 20 years in all phases of production and management. He has been teaching classes and seminars in estimating, marketing and costing for printing and publishing at Cal Poly for the past twelve years. In addition he serves as a contributing editor for the magazine *Printing Impressions*.

His new book includes a seven-chapter section on estimating paper costs, a chapter on estimating art and copy preparation production and other sections which cover marketing, sales and pricing theory for the top manager. Estimating web printing production, particularly applicable to publishers, is also thoroughly covered.

The book is intended to serve as an important reference source for such people in the printing industry as estimators, production planners, publishing sales representatives, graphic designers, printing managers and paper sales personnel. It is also written to serve as a text for university-level courses in printing and publishing. Previously, Ruggles co-authored with his wife, Joanne Beale Ruggles, the Amphoto book *Darkroom Graphic: Creative Techniques for Photographers and Artists*, which is now in its second printing.



'Notes from the president'

As I expressed at the Fall Conference convocation, one of my major concerns is improving the quality of Cal Poly's academic programs.

A key ingredient in achieving quality education at any university is the professional competence and cultural diversity of the faculty. At Cal Poly we have an obligation to reflect the rich and diverse cultural heritage that makes up this country and I want us to vigorously seek out means of enhancing that diversity on this campus.

In this regard, I am appealing to all of you, especially those tenured faculty members who are responsible for recruitment efforts, to seek out and recommend individuals for vacancies that will achieve this goal. The issues of equal opportunity and affirmative action will be of continuing concern to me because of its relationship to the greater issue of quality education. These issues put a special burden on those of us involved in the recruitment and appointment process to broaden our perspectives, to avoid inbreeding and to attract the best. In so doing we will continue to grow in quality and be better prepared to meet the needs of California's diverse student population in the next decade.

I ask for your cooperation and support as together we meet the challenge of becoming a truly great university.

Warren J. Baker

Library schedule for holidays

December 2-11

Dec. 2 (Sun.)

1 pm - 12 midnight
(Extended hours 10 am - 1 pm)

Dec. 3-6 (Mon. - Thurs.)

7:30 am - 12 midnight

Dec. 7 (Fri.)

7:30 am - 10 pm
(Extended hours until midnight)

Dec. 8 (Sat.)

8 am - 10 pm
(Extended hours until midnight)

Dec. 9 (Sun.)

1 pm - 12 midnight
(Extended hours 10 am - 1 pm)

Dec. 10 (Mon.)

7:30 am - 12 midnight

Dec. 11 (Tues.)

7:30 am - 5 pm
(Extended hours until 7 pm)

December 12 - January 8

Monday - Friday

7:30 am - 5 pm

Saturday - Sunday

Closed

Early retirement credit considered

Assembly Bill 876 will be presented to the Trustees for consideration at their Jan. 1980 meeting rather than the Nov. 1979 meeting as originally planned. This delay was necessary to provide staff in the Chancellor's office time to assemble information on this matter. It is now anticipated that clarification will be received in the later part of Jan. As soon as additional information is received, it will be distributed to campus employees. If you have any questions about this law, please contact Robert M. Negranti (Staff Personnel Officer) Ext. 2236.



Foundation board meeting

The Board of Directors of the California Polytechnic State University Foundation will hold a regular meeting on 12/11/79, at 8:30 in Adm. 409 on the California Polytechnic State University campus in San Luis Obispo, California. This is a public meeting. For further information about this meeting, or to obtain a copy of the meeting agenda, contact Al Amaral (Executive Director, Cal Poly Foundation) in University Union 212, Ext. 1131.

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 qualified persons are encouraged to apply.

Clerical Assistant II-A, \$843-\$1007/month, Computer Center, Duties: General clerical duties including typing correspondence, filing and answering phone; editing and typing of computer program documentation and using CRT terminals. Requirements: One year of clerical experience, type 45 wpm, and must have taken the General Clerical Test. Familiarity with computing terminology, keypunch and data form handling equipment, and ability to edit technical computing documentation highly desirable. Closing date: 12-14-79.

Clerical Assistant II-B, \$901-\$1077/month; one-year leave replacement, Child Development Department. Duties include: typing, filing, maintaining preschool accounts, assuming duties of departmental secretary in her absence, heavy dictation, communicating sensitively with students, faculty, parents of preschool children and campus visitors. Requirements: One year clerical experience, type 45 wpm, shorthand 80 wpm, and must have taken the General Clerical Test. Closing date: 12-14-79.

Clerical Assistant II-A, \$843-\$1007/month, Personnel Office. Duties include primary responsibility as office receptionist including typing, filing, and answering telephone. Requirements: One year of general clerical experience, type 45 wpm, and must have taken the General Clerical Test. Closing date: 12-14-79.

Correction

Tractor Operator/Laborer, Grounds Department/Plant Operations. This vacancy will not be filled prior to April 1980. It will be readvertised at that time.

OFF-CAMPUS VACANCIES

Information on the administrative position vacancies listed below can be obtained from the Placement Office, Adm. 213, Ext. 2501.

California State University, Hayward, Dean, School of Education. Application deadline: Jan. 15, 1980.

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 qualified persons are encouraged to apply.

Lecturer, \$5,456-\$6,560/quarter, based on 15-unit load, and will be adjusted according to assignment, Physics Department, School of Science and Mathematics. Anticipate at least a half-time assignment for Winter Quarter. Possible position available Winter, Spring and Summer Quarters 1980. Duties include teaching lecture and laboratory classes in physics and physical science. Advanced degree preferred. Closing date: 12-6-79.

Lecturer, \$727-\$1,103/quarter; part-time, Art Department, School of Communicative Arts and Humanities. Winter Quarter 1980 only beginning January 1980. Duties: Conduct an upperdivision activities course, Art 483, Crafts Marketing. Willingness to serve as consultant with student design projects desired. Class meets each Friday, noon until 4 p.m. for 10 weeks. Some field experience is planned. Applicants should have advanced degree in Art (MFA preferred) and current knowledge of marketing practices for the designer/craftsman, including an ability to communicate

about retail, wholesale and catalog sales as well as agents and museum/galleries. Proven teaching effectiveness required. Closing date: 12-23-79.

Associate/Full Professor, \$20,604-\$29,964/year, dependent upon qualifications, Business Administration Department, School of Business. Position available for 1980 academic year. Duties include developing/teaching research design using both primary and secondary data, with knowledge of computer applications and statistical techniques applicable to research design. Secondary interest in one of the functional fields of business preferably in marketing or finance. Typical teaching load is 12 units per quarter. Reduction available for professionally active individuals. Ph.D. or D.B.A. from nationally recognized graduate school required. Writing, publishing and consulting strongly encouraged. Practical/professional experience and/or prior teaching experience highly desirable. Closing date: 2-1-80.

Lecturer, \$5,456-\$7,540/quarter; dependent on qualifications and teaching load, Environmental Engineering Department, School of Engineering and Technology. Possible temporary part-time position(s) beginning as determined by need during the 1979-80 academic year. Candidates must have a bachelor's degree in engineering plus teaching and/or industrial experience. Master's degree and/or professional registration preferred. Teaching assignments in basic environmental engineering and related subjects including HVAC and heat transfer. Closing date: 12-13-79.

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

Laurence D. Houlgate, Philosophy, was the lead speaker in a panel discussion on the topic "A Charter of Children's Rights" in a conference on children's rights held at Carleton University, Ottawa, Ontario, on Oct. 12-14.

Walt Elliott, Physics, was one of six consultants to receive credit for special and significant contributions to the nationally acclaimed career-development program of the Dallas, Tex. schools in cooperation with the business and professional community of Dallas. A special mention was accorded to Dr. Elliott in a recent USOE final report on the Science and Technology Magnet School Project.

Paul Wolff, Architecture, presented a slide-illustrated paper on "The Adventure Playground as a Therapeutic Environment" at the Eighth National Conference on "Physical Activity for the Exceptional Individual" Oct. 19 and 20 in San Jose.

Walt Lambert, Coordinator, Off-Campus Housing, co-chaired and participated in the Pacific Management Seminar, a four day seminar dealing with leadership and management styles, stress and conflict management, group dynamics, and team building. The conference was held at the University of California conference grounds in Lake Arrowhead, Calif., and attended by housing personnel from throughout the state.

Shirlene Soto, History, was the invited guest speaker at a colloquium at the University of California, Santa Barbara, on Nov. 8 where she spoke on "The Contributions of Women in the Mexican Revolution."

Alvin A. DeJong, Biological Sciences, attended the annual Biology Symposium at California State University, Fullerton, Nov. 10. The topic of the symposium was Desert Biology.

encouraging notes

November 29, 1979

* CARE GRANT COMPETITION - DEADLINE ANNOUNCED. Only one competition and application date for Creative Activity or Research Effort (CARE) grants is scheduled for this academic year. The deadline is 5:00 p.m., Friday, January 18, 1980, with notification by the end of Winter Quarter.

CARE grant competition is open to all full-time faculty and academic employees on the tenure track. Proposals are reviewed by the University Research Committee on a competitive basis with recommendations forwarded to the Vice President for Academic Affairs for approval. Applicants may also be requested to discuss their proposals at a Research Committee meeting.

Proposals requesting less than \$2,000 will have a greater likelihood of success. Other than the limited availability of funds, the sole criterion for funding is the quality of the project.

Application forms and guidelines for CARE grants are available from the Research Development Office, Administration 314, Extension 2982.

RESEARCH COMMITTEE MEETING WITH PRESIDENT BAKER - FOLLOWUP. The University Research Committee seeks input from the faculty concerning its reactions to the meeting with the president of October 29. If you have not received a copy of the Research Committee minutes of that meeting, please contact the Research Development Office.

* U.S. DEPARTMENT OF AGRICULTURE - SPECIAL RESEARCH GRANTS. The USDA has announced deadlines for its Special Research Program open to all colleges and universities having a demonstrated capacity in food and agricultural research. Funds available in targeted areas and deadlines are as follows: soybean research (\$485,000--January 21, 1980); energy research (\$1,843,000--January 28, 1980); animal health research (\$6,790,000--January 28, 1980); and alcohols and industrial carbons (\$485,000--February 4, 1980). Soybean production research will focus on increased yields, enhanced production efficiency and conservation of natural resources. Energy research aims to reduce the petrochemical energy used in agricultural and forestry production. Animal health research will be directed to developing and/or refining abiotic and biotic methodologies for suppressing animal losses due to infectious and noninfectious diseases. Alcohols research will concentrate on the evaluation, production, handling, treatment, and conversion of biomass resources for the manufacture of ethyl alcohol.

* NATIONAL SCIENCE FOUNDATION - WOMEN IN SCIENCE CAREER WORKSHOPS PROGRAM. This program's objective is to develop and test methods to attract women to, and retain them in, scientific careers. The projects supported under this program are experimental in that they attempt to discover educational approaches and techniques that will be useful to the nation in increasing the percentage of women who are scientists and the percentage of scientists who are women.

Proposals for this year's competition will be invited for three kinds of proposals: (1) workshops for college freshmen and sophomores and high school seniors expected to attend college; (2) workshops for sophomores, juniors and seniors majoring in science; and (3) workshops for women who have at least a bachelor's degree in science. NSF support will be limited to a maximum of \$12,000 for the workshop and the initiation of a continuing activity.

DEADLINE: 1/1/80



RESEARCH DEVELOPMENT • ADMINISTRATION 317 • TELEPHONE 546-2982
CALIFORNIA POLYTECHNIC STATE UNIVERSITY • SAN LUIS OBISPO, CALIFORNIA 93407

* OFFICE OF WATER RESEARCH AND TECHNOLOGY. OWRT's research priorities for fiscal 1980 include saline water conversion, water reuse, water conservation, water problems in urbanizing areas, the impact of synthetic fuel development on water resources, institutional problems of groundwater management, and water management planning methods emphasizing nonstructural approaches. Development proposals relating to saline water conversion and water reuse are also being sought.

Proposals may be submitted to OWRT at any time and selections will be made and announced through fiscal 1980. However it is expected that the first selections will be made from formal proposals received by OWRT by December 21, 1979.

* NATIONAL SCIENCE FOUNDATION - SCIENCE FOR CITIZENS. The goals of this program are to make scientific and technical assistance available to citizens at the times and in the ways most useful to them, and to increase the knowledgeable participation of scientists and citizens in resolving major issues of public policy that involve science and technology. The program funds forums, conferences, and workshops as well as planning studies. In addition, the program has established a Public Service Science Residency Program that allows working scientists and engineers to undertake up to a year's full or part-time activities in association with citizen groups and other appropriate host organizations in need of their expertise. In conjunction with their host organizations, residents are required to design a specific project or program of activities directed at helping citizens who normally lack access to scientific and technical assistance. Up to thirty residencies will be awarded in May, 1980.

DEADLINES: 1/15/80 AND 7/15/80

** SMITHSONIAN INSTITUTION FELLOWSHIPS. Fellowships for postdoctoral scholars, or for doctoral candidates to conduct dissertation research, are for a duration of from six months to one year. Ten-week fellowships are available for graduate students who wish to conduct individual research under staff supervision. All fellowships are for work in residence at the Smithsonian, in association with the staff, using collections, laboratories, and facilities. Fellowships are available in the following areas: biological sciences, history of art, history of science and technology, earth sciences, cultural history, and anthropology.

DEADLINE: 1/15/80

* NATIONAL SCIENCE FOUNDATION - EXTRAMURAL RESEARCH. A program announcement describing the current extramural research interests of the NSF's Division of Policy Research and Analysis is available in the Research Development Office. The work of the Division involves intramural analysis supplemented by a limited number of extramural awards. Proposals for extramural research are encouraged in the following areas: socioeconomic effects of science and technology; innovation processes and their management; environment, energy, and resources; and technology assessment.

DEADLINES: 2/1/80 AND 5/30/80

* NATIONAL ENDOWMENT FOR THE ARTS - DANCE PROGRAM. The Dance Program assists all forms of professional dance--experimental, modern, ethnic, folk, jazz, tap, and ballet--and the art of mime. Grants are awarded to choreographers, professional dance companies, organizations that present dance, organizations and individuals providing services to the field of dance. Grants are made in a variety of areas that cover a broad range of the profession. The Endowment is equally concerned with raising artistic standards, strengthening the administration and financial stability of organizations, and disseminating dance productions of the highest quality to the widest possible audience.

Upcoming deadlines are as follows: 1/15/80--Choreographers' Fellowships;
1/15/80--Grants to Dance Presenters; 1/15/80--Other Dance Program Grants.

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

**Information requested/available soon.