Brown to step down

Howard C. Brown (Dean, Agriculture and Natural Resources) has announced his intention to leave that position effective Aug. 31, 1981, or as soon thereafter as is convenient to the university. President Warren J. Baker, who accepted Dean Brown's request to return to a faculty position in the Ornamental Horticulture Department, said he had done so with regret.

"Both the length and quality of Dr. Brown's service, first as head of the Ornamental Horticulture Department and most recently as dean of the School of Agriculture and Natural Resources, have been important to the growth and development of our agriculture programs," President Baker said.

In her comment on Dean Brown's resignation, Dr. Hazel J. Jones, vice president for academic affairs at Cal Poly, said "his dedication to the university and its mission has been outstanding. His deep and genuine interest in students and their welfare has been unsurpassed.

In his memorandum informing President Baker of his plans, Dean Brown expressed his desire for assignments that will involve less travel and time away from home. He also praised the faculty, staff, and administrators who provide courses and programs for the more than 3,500 students of the school. President Baker said he has requested that Tim Kersten (Chairman, Academic Senate) initiate the procedure for establishment of a committee to conduct a national search and recommendation of a successor for Dean Brown as outlined in university policy.

McIntire will head management

Robert H. McIntire will begin his new assignment as head of the Management Department at Cal Poly in early January, according to an announcement from President Warren J. Baker. A member of the Cal Poly faculty since 1977, the new department head was appointed by Dr. Baker following a national search and review of candidates for the position by a faculty committee. Hazel J. Jones (Vice President for Academic Affairs) and Robert K. Coe (Dean, Business) joined the faculty committee in recommending appointment of Dr. McIntire.

The new department head will succeed Ernest C. Miller, who has been acting head of the Management Department since early this year when he succeeded Melvin E. McMichael. Dr. Miller is expected to return to full-time assignment as a member of the department's faculty, as did Dr. McMichael.

A specialist in the areas of business policy and professional growth for executive managers in business and industry, Dr. McIntire is a graduate of Oklahoma State University, University of Colorado, and University of Washington, where he earned his PhD in business administration.

Before joining the Cal Poly faculty, he was on the faculty of University of Texas, Permian Basin. While there, he developed a curriculum and became coordinator of the Aviation Management Program and was instrumental in developing a curriculum in business policy.

For several years before that, Dr. McIntire was an administrator and member of the faculty for the U.S. Air Force Institute of Technology at Wright-Patterson Air Force Base, Ohio, and on the faculty of the Air Command and Staff College at Maxwell Air Force Base, Ala.

Petty cash limit will go up

The Procurement and Support Services Office has announced that effective Jan. 4, the dollar limit on authorized purchases made by departments without the use of purchase orders and reimbursed through petty cash, will be increased from $25 to $50.

Ray Macias (Procurement and Support Services Officer) said that the revised limit is in keeping with recently adopted amendments to State Board of Control procedures. The change, which will reduce the costs associated with preparation of purchase orders, is a reasonable response to the inflated costs of many smaller items used in university operations.
Julia Morgan memorabilia given to Poly Library

Establishment of a major collection of papers from the works and writings of William Randolph Hearst's San Simeon architect has been announced by Cal Poly. The collection, which documents the life and career of Julia Morgan, California's first and foremost woman architect, is a recent gift to the University Library from Mrs. Morgan North of Berkeley.

It includes over 12,000 items in various forms, including letters, photographs, and diaries, as well as architectural sketches, water colors, and blueprints. Notable for their insight into the personality of Hearst, and his part in design of the San Simeon landmark are early sketches of the structure, many with written notes and comments by Hearst.

Also included is extensive correspondence between Hearst and Miss Morgan that further documents Hearst's major role in the project. President Warren J. Baker used his announcement of the significant new collection of architectural history to emphasize its importance to the university.

"It means our architecture, art, and engineering students will be able to gain first-hand knowledge of the factors in the creation of one of the Western World's significant architectural sites," Dr. Baker said.

Mrs. North, whose late husband was the nephew of Julia Morgan, donated the collection to Cal Poly in the belief that the university is the most appropriate repository because of the reputation and size of its School of Architecture and Environmental Design.

George J. Hasslein (Dean, Architecture and Environmental Design) called acquisition of the Morgan collection "a special and new event" in the development of the school. "We are now able to make a real contribution of service to both the community of scholars who specialize in the history of art and architecture and the contemporary professional architects," Dean Hasslein added.

Choral concert for Christmas

Four choral music organizations from Cal Poly will combine their talents to present a special concert of Christmas music on Sunday (Dec. 7) in the United Methodist Church, 1515 Fredericks St., San Luis Obispo. With "Celebration of Christmas" as its theme, the concert will begin at 3:30 pm. Admission will be free and both the public and members of the campus community are invited to attend.

Scheduled to participate in the afternoon performance are the Men's and Women's Choruses; the Polyphonics, a 12-member mixed ensemble that specializes in contemporary music; and the University Singers, a chamber choir.

All four are being directed this year by James Dearing (Music) who said the concert will give those who particularly enjoy choral music the opportunity to see and hear all of the university's choirs in a setting that is noted for its fine acoustics and beautiful stained glass.

Included in the program for the event are works by Benjamin Britten, Zoltan Kodaly, Felix Mendelssohn, Flor Peeters, Leo Sowerby, Alfred Burt, and a recently discovered double chorus motet from the Puebla Cathedral in Mexico that was composed around 1650. Dearing said the Christmas concert will be the first of the 1980-81 performing season for the Cal Poly choirs.

Foundation board meeting

The Board of Directors of the California Polytechnic State University Foundation will hold a regular meeting on Tuesday, December 9 at 8:30 am in Adm. 409 on the Cal Poly 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, or call Ext. 1131.
Title IX compliance review coming

President Warren J. Baker has announced that he has been notified by the Office for Civil rights of the U.S. Department of Education that a Title IX compliance review will be conducted of the university's intercollegiate athletic program. The notification indicated that the compliance review will be in connection with a complaint filed in July, 1979 alleging discrimination on the basis of sex in the athletic program.

Dr. Baker noted that the complaint was filed before the university's Task Force on the Role of Athletics has completed its report and the substantive changes which have been made in the administration and operation of the intercollegiate athletics program as a result of the Task Force's recommendations. "Cal Poly has made substantial progress, particularly in the areas of scholarship housing and assistance, facilities scheduling, and coaching assignments," he said.

"We are committed to a program of equity in intercollegiate athletics and are looking forward to the review as a further step in this direction," he added. Title IX is one of the Education Amendments to Federal Legislation passed in 1972 which prohibits sex discrimination in federally assisted education programs and activities.

The Department of Education, formerly a part of the Department of Health, Education and Welfare, is responsible for following up on complaints which have been filed and initiated its compliance review program this fall based upon the original Title IX amendment, implementing regulations adopted in 1975, and a policy interpretation issued by HEW in December, 1979.

President Baker said that the initial step involved with the compliance review will be for the university to supply the Department of Education's San Francisco Office with background information it has requested. He said this information is currently being gathered for submission in early December. The notification from the Department of Education indicated that a site visit by a compliance review team is tentatively scheduled for late January, 1981.

Affirmative Action Coordinator reports to President

President Warren J. Baker has announced that effective immediately, Smiley Wilkins (Affirmative Action Coordinator) will report directly to him. Wilkins' duties, responsibilities, and office location will remain unchanged, and he will continue a functional relationship with the Director of Personnel Relations in implementing Cal Poly's Affirmative Action Program.

Successful implementation and achievement of affirmative action goals with respect to employment of minorities and women will require vigorous effort and continued cooperation of all with the Affirmative Action Coordinator. Wilkins will continue the same close working relationship with the Executive Vice President, the Vice President for Academic Affairs, the Dean of Students, and all other administrators in accordance with provisions of the University Affirmative Action Plan.

In addition, Wilkins will keep the President's Office informed on a regular basis with regard to his activities and the status of affirmative action efforts by all university personnel.

Marcus Gold retirement coffee

A retirement coffee for Marcus Gold (Associate Director, Audiovisual) will be held on Friday December 12, 1980 from 2 to 4 pm in BA & E Room 9, (Audiovisual Services).

Marcus Gold is retiring after a 32 year career at Cal Poly. He established and developed Audiovisual Services at Cal Poly, and pioneered innovations in audiovisual services and resources, adopted on other campuses. He has been active on campus committees, including the Academic Senate, and advisor to student groups.

Library to close during move

The University Library's main move into the new Robert E. Kennedy Library will take place during the month of December and the early part of January. For this reason, the Library will be closed from Saturday (Dec. 13) to Sunday (Jan. 4). No library services will be provided during this period. The Limited Loan/Reserve Room, however, will be open to faculty members who need to place books on reserve for the Winter Quarter. Limited Loan/Reserve's extension is 2415. Books checked out of the Library from Nov. 24 through Dec. 12, will have an extended loan period and will be due on Jan. 10.

The Robert E. Kennedy Library will be open for service on Monday, (Jan. 5) the first day of the Winter Quarter. Tours of the new building will be scheduled on a regular basis during the months of January and February.

To Reno by train

The Cal Poly Alumni Association is sponsoring a three-day round trip excursion to Reno aboard AMTRAK's newly equipped San Francisco Zephyr, Jan. 30, 31 and Feb. 1. Alumni and friends of the university will leave campus by bus and join Bay Area alums in Oakland for a 12:25 pm departure from Oakland. The train will arrive in downtown Reno at 6:45 pm for two nights of fun with accommodations at the El Dorado Hotel/Casino.

The departure time for the return trip is 8:19 am Sunday (Feb. 1), arriving in Oakland at 6 pm with an expected return to San Luis Obispo at 10 pm. The trip will follow the scenic and historic overland route over the Donner Pass. The scenery offers glamorous sunset views along with sights of beautiful snow covered mountains.

The price of the round trip excursion to Reno complete with transportation costs, two nights lodging at the El Dorado Hotel/Casino, coupon book, and baggage handling is $136.00 from San Luis Obispo and $116.00 from Oakland. Space is limited and reservations must be made by Jan 9. For more information contact Steve Riddell at the Alumni House or call Ext. 2525.
Taylor earns award for article

A faculty member at Cal Poly has been recognized by the Association for the Study of Afro-American Life and History as author of the best article to appear in its journal during 1978-79. Quintard Taylor (History) was awarded the Carter G. Woodson prize for his article, “Blacks on the Urban Frontier,” which appeared in the 1979 fall issue of Journal of Negro History.

The award was presented during the association’s annual meeting held in New Orleans last month. Dr. Taylor received an engraved plaque and a cash award for his work. The award is named for Carter G. Woodson who was responsible for founding the Association for the Study of Afro-American Life and History in 1916. Since renamed, it now has a world-wide membership of 20,000 including historians and teachers interested in preserving and promoting Black history.

Dr. Taylor, who previously taught at Washington State University and Gustavus Adolphus College in Minnesota, joined the faculty at Cal Poly in September, 1977. He earned his bachelor’s degree at St. Augustine’s College in North Carolina and his master’s and doctor’s degrees at University of Minnesota.

20% Saving at El Corral

Faculty and staff are invited to attend the fourth annual Christmas 20 percent off sale on Dec. 6, 8, 9, 10, 11 and 12 at El Corral Bookstore. During the sale 20 percent will be deducted from the marked price of all merchandise except textbooks, photo processing, calculators/calculator accessories, catalogs, class schedules, class rings, and special orders.

All other items in stock will be discounted including: trade books, gifts, supplies, art and technical equipment, jewelry, etc. Hours for the sale will be Saturday (Dec. 6) 10:30 am to 2:30 pm; Monday through Friday (Dec. 8-12) 7:45 am to 4:30 pm. Discount coupons may not be used during the 20 percent off sale. El Corral will offer free gift wrap with any purchase during the sale.

Library schedule for finals

In order to provide additional study facilities prior to and during the week of final examinations, the university Library will maintain the following schedule from Thursday (Dec. 4) through Friday, (Dec. 12):

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<tr>
<th>Date</th>
<th>Entire Library</th>
<th>Extended Hours</th>
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<tr>
<td>Dec. 4</td>
<td>7:30 am to 12 midnight</td>
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<tr>
<td>Dec. 5</td>
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<td>Dec. 6</td>
<td>8 am to 10 pm</td>
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Band-O-Rama features pop hits

Music from football game half-time shows presented during the past season will be featured when three Cal Poly bands appear in the 1980 Band-O-Rama Concert on Friday (Dec. 5). Scheduled for an 8 pm start in Chumash Auditorium, the concert will include performances by the 170-member Mustang Marching Band, the 80-member Symphonic Band, and the 25-member Studio Band.

General admission ticket prices for the event are $3 for the public and $1.50 for students. They are being sold in advance at the University Union Ticket Office, and by members of the bands. William V. Johnson (Music), director of bands said the Mustang Dance Team, solo baton twirler Andrea Wells, and the Cal Poly Dixieland Band will also appear during the concert.

In addition to contemporary music by such composers as Neil Diamond, Barry Manilow, and Billy Joel, numbers from the motion pictures "Xanadu" and "Fame," and the television series "Dallas," "WKRP in Cincinnati," "Lou Grant," and "M*A*S*H" are all programmed for the Marching Band.

Also being rehearsed for the concert are several dixieland compositions, including "South Rampart Street Parade" and "When the Saints Go Marchin' In."

Johnson said the highlight of the Symphonic Band’s performance will be a series of Marvin Hamlisch songs from the musical "A Chorus Line," including "What I Did for Love," "I Hope I Get It," and "I Can Do That."

Also on the program are Don Shambler’s "Reflections" and "Birdland" by Josef Zawinul. Both will be performed by the Studio Band, an ensemble that specializes in contemporary jazz rock music.

An annual highlight of the fall music season at Cal Poly, the 1980 Band-O-Rama Concert is being presented by the university's Music Department and School of Communicative Arts and Humanities in cooperation with the Associated Students, Inc.

Bookstore buybacks

Buybacks will be held at El Corral bookstore during finals Monday through Friday (Dec. 8-12). Buybacks will be from 8 am to 4 pm in the front of the store. Textbooks that have been received for the Winter Quarter will be available for purchase on Monday (Dec. 15). Please be sure to save your receipts.

Christmas plants available

For Christmas decorating ideas, visit the Poly Plant Shop. Beautiful poinsettias are now available. The shop will be open until Tuesday (Dec. 23), Monday through Friday from 1 pm to 5 pm, and Saturday from 9 am to 5 pm.
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.

READVERTISEMENT

Assistant Director: Operations (Student Affairs Officer III), $1718-$2069/month, Financial Aid. Duties: Supervision and coordination of Operations Section; policy and procedure development; in-service training programs; liaison with Financial Management Operations; oversee the implementation and maintenance of financial aid automated systems and data processing applications. Requirements: Bachelor’s degree and five years of Student Affairs experience of which three years must have been in the area of student financial aid. A Master’s Degree may be substituted for one year of Student Affairs experience. Closing date: 12/31/80.

Assistant Director: Counseling (Student Affairs Officer III), $1718-$2069/month, Financial Aid. Duties: Supervision and coordination of Counseling Section; policy and procedures development for need analysis and awarding; coordination of financial aid outreach program; development of student consumerism activities; financial aid award review. Requirements: A Bachelor’s Degree and five years of Student Affairs experience of which three years must have been in the area of student financial aid. A Master’s Degree may be substituted for one year of Student Affairs experience. Closing date: 12/31/80.

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, Long Beach, Director of Research. Application deadline: December 15, 1980.

California State Polytechnic University, Pomona, Dean of Undergraduate Studies. Application Deadline: January 30, 1981.

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.

Assistant/Associate Professor, $17,964-$27,252/academic year; dependent upon qualifications and experience, tenure track position, Physical Education Department, School of Human Development and Education. Position available for the 1981-82 academic year. Responsibilities include teaching in both the health and physical education areas (Introduction to Physical Education, First Aid, Personal and Community Health, and a variety of professional and general activities selected from aquatics, racquet sports, gymnastics, hatha yoga, figure control, and field sports). Candidate must have an earned doctorate from an accredited college or university in Physical Education or Health and a minimum of three years of teaching experience at the secondary and/or college/university levels. Closing date: 2/15/81.

Department Head, $22,620-$34,476/academic year; depending upon qualifications, Construction Department, School of Architecture and Environmental Design. Full-time position to teach courses in the major with part-time administration. Emphasis on teaching construction practice and theory, mainly in laboratory classes. Master’s degree with approximately ten years in responsible construction operation/administrative experience desired. Background in engineering, construction practices, estimating, planning, scheduling, costs, economy and computer applications desirable. No tenure in Department Head position; however, tenure on teaching faculty can be awarded under current University guidelines. Position available September 1981. Closing date: 2/21/81.

DEAN, SCHOOL OF AGRICULTURE AND NATURAL RESOURCES

Cal Poly is recruiting for a Dean, School of Agriculture and Natural Resources. The Dean reports to the Vice President for Academic Affairs and is responsible for 1) providing academic leadership and administration of the instructional programs of the School through the currently organized departments of Agricultural Education, Agricultural Engineering, Agricultural Management, Animal Science, Crop Science, Dairy Science, Food Science, Natural Resources Management, Ornamental Horticulture, Poultry Industry, Soil Science and Veterinary Science; 2) coordinating the School’s educational, fiscal, personnel and student activities within the established consultative processes and policy guidelines of the University; 3) participating in the development of universitywide policy-making through membership on the President’s Council, Academic Council, and other consultative bodies; 4) working closely with numerous statewide committees and boards; and 5) seeking supplemental financial support for both new and existing programs.

An earned Ph.D. or its equivalent in one of the areas included in the School is required. A strong background in agriculture and knowledge of principles and practices of higher education and management, including some knowledge of California publicly supported educational institutions. Extensive experience in university and college level instruction and administration required.

The annual salary range is $37,500-$45,348. The salary will be adjusted upward to reflect any cost of living increases contained in new budget. The appointment date will be July 1, 1981 or as soon thereafter as possible. Applications/nominations will be accepted until February 16, 1981 by Dr. Hazel J. Jones, Vice President for Academic Affairs. Cal Poly is an affirmative action/equal opportunity/Title IX employer.

San Diego State University, Dean, College of Education. Application deadline: January 12, 1981.


California State University, Long Beach, Director: Southern California Ocean Studies Consortium. Application deadline: March 1, 1981.

San Diego State University, Dean, College of Human Services. Application deadline: February 1, 1981.

Radford University, Virginia, Dean, School of Fine Arts. Application deadline: December 31, 1980.

Cal Poly Report - December 4, 1980
WHO...WHAT...WHEN...WHERE??

Walter M. Tyron, Landscape Architecture, has received a 1980 Outstanding Educator Award presented by the Council of Educators in Landscape Architecture. The award was presented during the CELA Annual Meeting held at the University of Wisconsin at Madison. CELA is a non-profit organization interested in or involved with the teaching of landscape architecture.

Forest W. Roark, Military Science, was promoted to the rank of Master Sergeant on November 1.

Michael R. Malkin, Speech Communication, has had an article published in the Fall 1980 issue of A Propos. Dr. Malkin's article is titled "Summer Puppetry Exhibits in Washington, D.C."

James L. Webb, Physical Education, has been appointed liaison editor for the American College of Sports Medicine between the ACSM and The Journal of the Physician and Sports Medicine.

Stanislaus J. Dundon, Philosophy, moderated and was a respondent at a November 11-13 workshop preparing the second "Five Year Outlook," a federal report on the needs of scientific and technological research. Dundon's panel dealt with Sylvan Wittwer's paper "American Agriculture in the Context of World Food Needs."

Elizabeth K. Perryman, Biological Sciences, recently presented two lectures on "Advances and Career Opportunities in Electron Microscopy," for students in the National Science Foundation Women in Science Career Facilitation Program at Mount St. Mary's College in Los Angeles. This is the second year which Dr. Perryman has lectured to groups of students participating in this federally sponsored program which introduces undergraduate women to the various opportunities in science.

Tina Bailey, Chemistry, attended the first two-day session of the National Science Foundation Chautauqua Short Course on the "Mechanism of Drug Action" held at Santa Ana College, November 17-18. The second session will be held at the end of March.

Russell Tice, Chemistry, participated in the National Science Foundation Chautauqua Short Course titled "Introduction to Microcomputers and Microprocessors" at Santa Ana City College on November 3-4.

Dave Focht, Ornamental Horticulture, attended the annual convention of the Bedding Plants International Association at Atlanta, Ga., Oct. 3-9. Over 1,300 growers from the U.S., Canada and Europe were in attendance. Focht then spent two days visiting the greenhouses of the R.W. Grace Co. in North and South Carolina.

Guy Thomas, Patrick Munroe, Steve Mott, Peter DelVagllo, Joseph Truze and Herschel Apfelberg, Graphic Communications, attended and prepared an exhibit for the printing industry "1980 Print Pacific" exhibitions in San Francisco, Oct. 30 - Nov. 1. Assisting were staff members Edwin Schull, Lee Brown and Tom Dresel, Equipment Technicians.

Stuart Goldenberg, Myron Hood, George Luna, and Dina Ng, all Mathematics, attended the joint meeting of the Mathematical Association of America and Slam, at Cal Tech, Nov. 1, 1980.

David Y. Grady, Biological Sciences, attended the annual fall meeting of the Southern California Branch, American Society for Microbiology, in San Diego, Oct. 30, through Nov. 2. Sessions attended focused on advances in clinical laboratory diagnosis and therapy of human viral diseases, mycobacterial diseases, and acute bacterial enteritis.

Malcolm McLeod, Biological Sciences, and six Cal Poly students attended a Pollination Ecology Symposium at Cal State Fullerton on Oct. 25. It was co-sponsored by the Biology Department, Cal State Fullerton and the Southern California Botanists. It consisted of a series of papers about differing aspects of pollination ecology.

Rolf E. Rogers, Management, has been appointed Consulting Editor for the Business Analysis Series of Grid Publishing Company, a Columbus, Ohio, based publisher. Rogers is the author of four books and numerous articles in organization and management subjects. His most recent books include Organization Theory (Allyn & Bacon, 1975), and Corporate Strategy & Planning (Grid, 1981).

Sarah Burroughs and Patricla Saam, Home Economics, attended the California Dietetic Convention, November 8, in Oakland.

Blanca Rosenthal, Foreign Languages, delivered a paper titled "Volker Schondorff's The Tin Drum: A Realistic Volker Fairy Tale" at the Philological Association of the Pacific Coast Conference at the University of California, Berkeley on Nov. 7-9.

Pratap C. Pendse, Biological Sciences, attended a two-day Intensive Chromosome Workshop given by the Human Genetics Update Service in Redondo Beach on November 8-9. Among the subjects presented were Amniocentesis; Bone-marrow analysis and Chromosome Banding.


Norman Eatough, Chemistry, attended the National Science Foundation Chautauqua Short Course on "Water Pollution" at Santa Ana City College on November 24-25.
December 4, 1980

* NSF - SCIENCE FOR CITIZENS. The National Science Foundation Science for Citizens (SFC) program invites proposals for projects intended to:

encourage scientists to participate in public activities aimed at the resolution of policy issues with significant scientific and technical aspects, and

provide scientific and technical expertise to citizens and citizen groups so that they can better understand and participate in decisions on policy issues involving science and technology.

Forums, Conferences and Workshops awards are made for the purpose of better informing community debates on policy issues that involve science and technology. Projects enable scientists and engineers, in conjunction with citizen groups, to plan and carry out public education activities on local or regional issues.

Planning Study awards enable scientists and citizens to develop permanent community-based programs that can be responsive to continuing community needs for scientific information and advice on policy issues.

Preliminary proposals for both activities are due JANUARY 15, 1981.

** NSF - SPECIAL RESEARCH INITIATION AWARDS IN INFORMATION SCIENCE. Proposals may be submitted through academic institutions, governmental agencies, private and public scientific organizations by individuals who: (a) will, by the beginning of their award, have earned a doctoral degree in a field related to information science, including the information, computer, cognitive, and mathematical sciences, linguistics, economics, and engineering; (b) will have held the doctorate for no more than 5 years as of the submission deadline; (c) are citizens or permanent residents of the U.S.; and (d) have not previously received an award as principal investigators for research in information science. Proposals may address problems which involve one or more of the following categories:

(1) STANDARDS AND MEASURES - research on developing for information sciences theoretically founded measures of fundamental quantities and standards for assessing the predictions of theory and comparing the results of experiments.

(2) STRUCTURE OF INFORMATION - the study of information as idealized organization or structure from the standpoint of natural science, including the relationship between language and information, structural properties of information collection and access systems, and algorithmic identification and recognition patterns in text, image, and numerical archives.

(3) BEHAVIORAL ASPECTS OF INFORMATION TRANSFER - research on the abilities and limitations of people as information processors, including aspects of human information processing relevant to information processing principles, investigations of the interface aspects of information and knowledge representation which admit some generalization and abstraction beyond specific biological mechanisms.

(4) INFOMETRICS (THE ROLE OF INFORMATION IN THE ECONOMY) - understanding the role of information in the economy, and the development of means for predicting and tracing the impact of technological and other changes affecting the information component of the economy.

Researchers are encouraged to write brief preliminary letters which outline the problem and research approach prior to submission of a complete proposal. PROPOSAL RECEIPT DEADLINE: FEBRUARY 4, 1981.
NRC - POSTDOCTORAL FELLOWSHIPS FOR MINORITIES. The National Research Council will make approximately 35-40 awards to teacher-scholars in the areas of behavioral and social sciences, humanities, engineering, mathematics, physical sciences, life sciences, and interdisciplinary areas who show promise of future achievement in academic research and scholarship in higher education. Fellowships provide for postdoctoral research experience at an appropriate nonprofit institution, such as a research university, government laboratory, national laboratory, or other center for advanced study. The regular postdoctoral stipend is $18,500 for 12 months; the senior postdoctoral stipend is $25,000. (Stipends for tenures of six or nine months will be prorated.) In addition to the stipend, Fellows will receive a travel and relocation allowance up to a maximum of $1,500.

RECEIPT DEADLINE: FEBRUARY 2, 1981

DE - HANDICAPPED RESEARCH. The Department of Education has announced the closing date for competition under the following three Handicapped Research Program components:

ASSESSMENT RESEARCH PROJECTS. Supported is research on assessment which is related to the education of the handicapped. Applications must focus on research related to existing assessment instruments and systems and not on new test development. Approximately $250,000 is available to the Program in FY 1981. Projects should be planned to be completed within a 12-month period and budgeted at $50,000 or less.

NONVOCAL COMMUNICATION RESEARCH. Supported is research addressing communication alternatives for the non-vocal, severely handicapped child. Approximately $200,000 is available to the Program in FY 1981. Projects should be planned for 12-months duration or less and budgeted at $40,000 or less.

TECHNOLOGY UTILIZATION RESEARCH. Supported is research on the actual use of technological devices and systems in schools and by students as it relates to handicapped children. Approximately $200,000 is available to the Program in FY 1981. Projects should be planned for 12-months duration or less and budgeted at $40,000 or less.

POSTMARK DEADLINE: JANUARY 9, 1981

NSF - MATHEMATICAL SCIENCES POSTDOCTORAL RESEARCH FELLOWSHIPS. NSF's Mathematical Sciences Section has announced it will award about 30 fellowships for postdoctoral research in the mathematical sciences. The fellowships, for periods of one or two years, will carry a yearly stipend of $20,000 for full-time research. The competition will be open to U.S. citizens or nationals who have earned their doctorate degrees after January, 1975. These fellowships are distinct from and in addition to other NSF postdoctoral fellowships previously announced.

DEADLINE: JANUARY 3, 1981

DOE - APPROPRIATE TECHNOLOGY SMALL GRANTS PROGRAM. The Pacific Southwest Region of the U.S. Department of Energy has announced a tentative MARCH 15, 1981 deadline date for applications to its Appropriate Technology Small Grants Program. This highly competitive program will award up to $50,000 for idea or concept development, concept testing or practical applications, and demonstrations of a wide range of small-scale energy-related technologies. Application packets are expected to be available in mid-January.

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