

confidence to the agency by grant applicants. In accordance with the determination of the Chairman of February 8, 1994, these sessions will be closed to the public pursuant to subsection (c) (4), (6) and (9)(B) of section 552b of Title 5, United States Code.

Any person may observe meetings, or portions thereof, of advisory panels which are open to the public, and may be permitted to participate in the panel's discussions at the discretion of the panel chairman and with the approval of the full-time Federal employee in attendance.

If you need special accommodations due to a disability, please contact the Office of Special Constituencies, National Endowment for the Arts, 1100 Pennsylvania Avenue, NW., Washington, DC 20506, 202/682-5532, TYY 202/682-5496, at least seven (7) days prior to the meeting.

Further information with reference to this meeting can be obtained from Ms. Yvonne Sabine, Committee Management Officer, National Endowment for the Arts, Washington, DC 20506, or call 202/682-5788.

Dated: March 20, 1995.

**Yvonne M. Sabine,**

*Director, Office of Council and Panel Operations, National Endowment for the Arts.*  
[FR Doc. 95-7290 Filed 3-23-95; 8:45 am]

BILLING CODE 7537-01-M

## NATIONAL SCIENCE FOUNDATION

### Collection of Information Submitted for OMB Review

In accordance with the Paperwork Reduction Act and OMB Guidelines, the National Science Foundation is posting an expedited notice of information collection that will affect the public. Interested persons are invited to submit comments by April 7, 1995. Copies of materials may be obtained at the NSF address or telephone number shown below.

(A) *Agency Clearance Officer.* Herman G. Fleming, Division of Contracts, Policy, and Oversight, National Science Foundation, 4201 Wilson Boulevard, Arlington, VA 22230, or by telephone (703) 306-1243. Comments may also be submitted to:

(B) *OMB Desk Officer.* Office of Information and Regulatory Affairs, ATTN: Dan Chenok, Desk Officer, OMB, 722 Jackson Place, Room 3208, NEOB, Washington, DC 20503.

*Title:* NSF Review of Undergraduate Education in Science, Mathematics, Engineering, and Technology.

*Affected Public:* Individuals, state or local governments, nonprofit institutions.

*Respondents/Reporting Burden:* 100 respondents: average two hours per response.

*Abstract:* The NSF Organic Act as amended requires the NSF to oversee the health of the Nation's undergraduate education in science, mathematics, engineering, and technology, and to provide leadership education in these areas. This planned up-to-date collection of information from national leaders will help us to identify important improvements and critical problems that NSF can help to address.

Dated: March 20, 1995.

**Herman G. Fleming,**

*Reports Clearance Officer.*

National Science Foundation,  
4201 Wilson Boulevard, Arlington, Virginia  
22230

Office of the Assistant Director for Education and Human Resources

### NSF Review of Undergraduate Education

The Education and Human Resources (EHR) Directorate of the National Science Foundation (NSF) is undertaking a general review of the condition and needs of undergraduate education in the United States in the areas of science, mathematics, engineering, and technology (SMET). The project will consult widely with students, educators, and employers. It is planned to take about a year to complete the review, which will produce a set of recommendations for accelerating the process of improving undergraduate education. Acting in an advisory capacity to Luther S. Williams, Assistant Director of NSF, for EHR, are members of the EHR Advisory Committee, Subcommittee for Undergraduate Education:

Sadie Bragg, Borough of Manhattan Community College,  
Federick P. Brooks, Jr., University of North Carolina, (Ex Officio)  
Melvin George, University of Minnesota, (Chair)  
James Rosser, California State University at Los Angeles,  
David Sanchez, Texas A&M University, and  
Carolyn Meyers, Georgia Institute of Technology, (Consultant)

The Foundation undertakes this review of the central enterprise of undergraduate education at a critical moment. The national efforts, including those of the NSF, to improve precollege education in SMET have been extensive and have involved efforts to create both innovative local improvement and larger systemic changes. The support of undergraduate educational improvement is more recent and has emphasized innovative improvement projects at single sites. The necessity for and possibility of larger-scale changes in undergraduate education is the primary question that the study will investigate. The Foundation recognizes that it

raises this question at a time that the nation's colleges and universities are facing unprecedented financial and programmatic challenges. It is expected that the review will reveal ways of strengthening the effectiveness of these institutions in undergraduate education. The provision of excellent educational services requires a robust infrastructure whose components at all institutions include faculty, curriculum, and capabilities for teaching and scholarship. The condition of these components will be examined.

The goals of improved undergraduate education in SMET are:

- Citizens who are empowered to be full participants in a scientific and technological society;
- A technically well-prepared workforce who can both participate and lead in the high performance workplace of advanced technologies;
- Teachers who are both scientifically and pedagogically well-prepared, and scientists and engineers who are well-prepared for their occupations;
- Young people with diverse backgrounds successfully involved in SMET in numbers that reflect their representation in the population.

Consistent with its chartered responsibility to "initiate and support \* \* \* science education programs at all levels \* \* \*", the NSF seeks to ascertain the extent of effective innovation in undergraduate education in SMET, and what next steps, if any, should be taken to cause large-scale improvements to take place. The specific areas of inquiry listed below are designed to provide guidance on the question of how the nation should capitalize on its recent investment in the improvement of undergraduate education:

- What are the innovations and what is the evidence that a significant number of them represent superior practice of undergraduate education? The areas of inquiry regarding superior practice will involve: curriculum of all types and levels, faculty maintenance and development, pedagogy, instructional technology, instrumentation and facilities, research opportunities for students and faculty, and connections of instructional programs to the world of work.
- What are the unmet needs of those who are receiving and have received undergraduate SMET instruction?
- What are the infrastructural needs across the diverse providers of undergraduate instruction in order to implement the best instructional practice and meet the needs of students and employers?
- What are the problems in the context of an institution's entire undergraduate enterprise that need to be addressed to achieve the goals of undergraduate SMET education?

The effort through which the Foundation plans to address these questions will consist of three phases. Phase I will involve direct, systematic investigation of the considered points of view of Americans across a broad spectrum who might be considered the "customers" of the diverse educational programs and settings that deliver undergraduate education. It will also involve

intensive study of existing reports and data on the subject, and open-ended inquiry to experienced providers of undergraduate education. Phase II of the project will rely upon a preliminary summary of the findings from Phase I prepared by NSF staff that will be presented for comment and elaboration to a large number of persons experienced in undergraduate education, particularly to those faculty and administrators attending key professional society meetings. In Phase III, the NSF will seek to publicize and encourage implementation of those practices that will achieve improved science and engineering literacy; a technically capable workforce; well-prepared teachers, scientists and engineers; and greater participation in SMET careers by women and minorities.

For further information contact the Division of Undergraduate Education (DUE) of EHR, Robert F. Watson, Division Director.

[FR Doc. 95-7275 Filed 3-23-95; 8:45 am]

BILLING CODE 7555-01-M

### Special Emphasis Panel in Advanced Scientific Computing; Notice of Meeting

In accordance with the Federal Advisory Committee Act (Pub. L. 92-463, as amended), the National Science Foundation announces the following meeting:

*Name:* Special Emphasis Panel in Advanced Scientific Computing.

*Date and Time:* April 10, 1995, 8:30 am to 5 pm.

*Place:* National Science Foundation, 4201 Wilson Boulevard, Suite 1122, Arlington, VA 22230.

*Type of Meeting:* Closed.

*Contact Person:* Dr. Richard Hirsh, Deputy Division Director, Centers Program, Suite 1122, National Science Foundation, 4201 Wilson Boulevard, Arlington, VA 22230 (703) 306-1970.

*Purpose of Meeting:* To provide recommendations and advice concerning preproposals submitted to NSF for financial support.

*Agenda:* To review and evaluate Multidisciplinary Research preproposals as part of the selection process for awards.

*Reason for Closing:* The preproposals being reviewed include information of a proprietary or confidential nature, including technical information; financial data, such as salaries; and personal information concerning individuals associated with the proposals. These matters are exempt under 5 U.S.C. 552b(c), (4) and (6) of the Government in the Sunshine Act.

Dated: March 20, 1995.

**M. Rebecca Winkler,**

*Committee Management Officer.*

[FR Doc. 95-7214 Filed 3-23-95; 8:45 am]

BILLING CODE 7555-01-M

### Advisory Panel for Cell Biology Program; Notice of Meeting

In accordance with the Federal Advisory Committee Act (Pub. L. 92-463, as amended), the National Science Foundation announces the following meeting.

*Name and Committee Code:* Advisory Panel for Cell Biology (1136).

*Date and Time:* April 12-14, 1995, 8:30 am to 5:00 pm.

*Place:* Room 370, National Science Foundation, 4201 Wilson Boulevard, Arlington, VA 22230.

*Type of Meeting:* Closed.

*Contact Person:* Dr. Barbara Zain, Dr. Larry Griffing and Dr. David Capco, Program Directors, for Cell Biology, Division of Molecular and Cellular Biosciences, National Science Foundation, 4201 Wilson Boulevard, Room 655, Arlington, VA 22230, Telephone: (703) 306-1442.

*Purpose of Meeting:* To provide advice and recommendations concerning proposals submitted to NSF for financial support.

*Agenda:* To review and evaluate research proposals submitted to the Signal Transduction and Regulation Program as part of the selection process for awards.

*Reason for Closing:* The proposals being reviewed include information of a proprietary or confidential nature, including technical information; financial data, such as salaries and personal information concerning individuals associated with the proposals. These matters are exempt under 5 U.S.C. 552b(c) (4) and (6) of the Government in the Sunshine Act.

Dated: March 20, 1995.

**M. Rebecca Winkler,**

*Committee Management Officer.*

[FR Doc. 95-7213 Filed 3-23-95; 8:45 am]

BILLING CODE 7555-01-M

### Task Force on the Future of the NSF Supercomputer Centers Program

In accordance with the Federal Advisory Committee Act (Pub. L. 92-463, as amended), the National Science Foundation announces the following meeting:

*Name:* Task Force on the Future of the NSF Supercomputer Centers Program (#1982).

*Date and Time:* April 6, 1995 1:00-9:00 p.m., April 7, 1995 8:00 a.m.-4:00 p.m.

*Place:* O'Hare Hilton, Chicago, IL (Room to be posted at meeting site).

*Type of Meeting:* Open.

*Contact Person:* Dr. Robert Borchers, Director, Division of Advanced Scientific Computing, Directorate for Computer and Information Science and Engineering, National Science Foundation, 4201 Wilson Boulevard, Arlington, VA 22230, 703/306-1970.

*Minutes:* May be obtained from the contact person listed above.

*Meeting Purpose:* The objective of the Task Force is to advise the NSF on the future of its Supercomputing Centers Program

considering the changing nature of computing and information science and technology. Its scope will be limited to NSF's support for advanced computational science. This meeting is to seek advice and testimony from representatives of the supercomputer industry, academic leaders in High Performance Computing, representative users of the NSF Supercomputing Centers and some principal investigators of Grand Challenge Projects. The task force will continue its discussions on the principles to be used in evaluating the options of future programs, and hear reports on visits of members to the four existing Supercomputer Centers.

*Agenda:*

April 6, 1995—1:00 to 9:00 p.m.

1:00-5:00 Advice and testimony from members of the High Performance Computing Community

6:00-9:00 Working Dinner—Subcommittee Meetings

April 7, 1995—8:00 a.m. to 4:00 p.m.

8:00-9:00 Assemble, Continental Breakfast

9:00-12:00 Advice and testimony from members of the High Performance Computing Community

12:00-1:00 Working Lunch

1:00-2:00 Advice and testimony (if required)

2:00-4:00 Subcommittee Meetings, trip visit reports.

*Reason for Late Notice:* Difficulty in locating suitable meeting accommodations.

Dated: March 20, 1995.

**M. Rebecca Winkler,**

*Committee Management Officer.*

[FR Doc. 95-7216 Filed 3-23-95; 8:45 am]

BILLING CODE 7555-01-M

### Special Emphasis Panel in Mathematical Sciences; Notice of Meeting

In accordance with the Federal Advisory Committee Act (Pub. L. 92-463, as amended), the National Science Foundation announces the following meeting.

*Name:* Special Emphasis Panel in Mathematical Sciences (1204).

*Date and Time:* April 10-11, 1995; 8:30 a.m. til 5 p.m.

*Place:* National Science Foundation, 4201 Wilson Boulevard, Room 310, Arlington, VA 22230.

*Type of Meeting:* Closed.

*Contact Person:* Dr. Alvin Thaler, National Science Foundation, 4201 Wilson Boulevard, Arlington, VA 22230 Telephone: (703) 306-1880.

*Purpose of Meeting:* To provide advice and recommendations concerning proposals submitted to National Science Foundation for financial support.

*Agenda:* To review and evaluate Research Planning Grants and Career Advancement Awards for Women Scientists and Engineers proposals as part of the selection process for awards.