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NSF/NIH SCHOLAR-IN-RESIDENCE AT NIH

NSF 00-97

NATIONAL SCIENCE FOUNDATION

NATIONAL INSTITUTES OF HEALTH

The NSF, through its Directorate for Mathematical and Physical Sciences and Directorate for Engineering, and the NIH have established the *NSF/NIH Scholar-In-Residence at NIH* opportunity as a partnership to enable investigators in the mathematical and physical sciences and engineering to develop research collaborations within the intramural research environment at the NIH. The partnership is intended to help bridge the interests of the research communities served by NSF and the NIH, and to catalyze productive interactions that can enrich both. This opportunity will emphasize those efforts in which the expertise of mathematical and physical scientists and engineers can be utilized in the development of innovative applications of science and engineering in addressing significant research questions in the medical and biological sciences and biomedical engineering. The interaction will focus on the introduction of innovative new research directions, tools, and methodologies.

This opportunity is open, on a continuing basis, to mathematical and physical scientists and engineers who are interested in making connections between their research and current and future problems in the medical and biological sciences and biomedical engineering. Emphasis is placed on establishing new collaborations for scientists and engineers who are not well-coupled to these research communities. Preference will be given to applicants who are not currently supported by the NIH or who have not had previous NIH support in the proposed area. Applicants must hold tenured, tenure-track, or senior research faculty positions at U.S. academic institutions. Participants in the program are expected to spend a minimum of six months to a maximum of one year, either consecutively or staggered within an 18-month time frame, working within the NIH intramural research program. NIH will seek to integrate and enrich the experience of the NSF/NIH Scholar within the NIH community, thereby enabling the established interactions to continue to grow beyond the time in residence and contributing to greater diversity in education for the Scholar's students.

A principal investigator may apply for support for this opportunity as a supplement to an existing NSF grant or through a new proposal, depending on the preference of the participating NSF program. Submissions should be made to the disciplinary program in the participating Directorate in which the Principal Investigator would normally have his/her research supported. Proposal submission target dates for the disciplinary program should be observed. All applications must be accompanied by a letter of invitation from NIH, following procedures described more fully below. NSF support for this opportunity will be for summer salary, travel, and *per diem* costs for the visiting NSF/NIH Scholar while on the NIH campus, as well as travel costs associated with short-term visits to the NIH campus by students working with the Scholar at his/her home institution. NSF will not provide support for academic-year salary. NIH will provide office space, research facilities, research costs in the form of expendable and minor equipment purchases to the host laboratory, and the time of its research staff. NSF will also, as appropriate, assist with funds for transporting specialized pieces of equipment between the Scholar's laboratory and NIH for use in the collaborative research.

A letter of invitation from one or more senior investigators in the intramural research program at the NIH is required for application to NSF. The letter of invitation must be endorsed by the institute scientific director, stating that the NIH investigator's laboratory will host the applicant and collaborate in the proposed research and outlining the commitments the host laboratory will make to the project. Potential applicants must identify contacts within NIH, either independently or through NIH assistance. Information about NIH staff and research areas can be found by searching the NIH Web site <http://www.nih.gov>, which has biographies and scientific research interests of the intramural research staff. The entry point on the NIH web site for the NSF/NIH Scholar program is <http://grants.nih.gov/grants/becon/scholar_in_residence.htm>. Applicants should submit to the NIH coordinating committee for this program a white paper (800-word maximum text format) outlining the proposed project, including their vision for new directions for the field, at the following e-mail address: bonner@helix.nih.gov. This paper should be accompanied by a biographical sketch in the standard two-page NSF format, a list of current and pending support, and a statement that the applicant is not currently supported by the NIH or has not had previous NIH support in the proposed area. While prior identification of possible collaborators is strongly encouraged, the NIH coordinating committee will also assist in making linkages with possible collaborators through dissemination of the white paper within NIH on a Web page accessible to internal NIH search.

Proposals and supplementary requests to NSF must be prepared in accordance with the NSF Grant Proposal Guide (GPG) (NSF 00-2) <http://www.nsf.gov/cgi-bin/getpub?gpg>, and must be submitted via FastLane <https://www.fastlane.nsf.gov/a1/newstan.htm>. Designate the announcement number NSF 00-97 when submitting. All requests for support will be considered on their individual merits. In reviewing new proposals, NSF will take into consideration, in addition to standard merit review criteria (discussed in Chapter III of the GPG), the potential benefits of establishing the collaborative interaction.

General questions about the *NSF/NIH Scholar-in-Residence at NIH* opportunity can be addressed to the following Directorate coordinators at NSF:

Directorate for Mathematical and Physical Sciences, <http://www.nsf.gov/mps>
Dr. Denise Caldwell (dcaldwel@nsf.gov);
Directorate for Engineering, <http://www.eng.nsf.gov>
Dr. Rajinder Khosla (rkhosla@nsf.gov);

or to the coordinator at NIH:

Dr. Robert Bonner (bonner@helix.nih.gov).

The National Science Foundation funds research and education in most fields of science and engineering. Grantees are wholly responsible for conducting their project activities and preparing the results for publication. Thus, the Foundation does not assume responsibility for such findings or their interpretation.

NSF welcomes proposals from all qualified scientists, engineers and educators. The Foundation strongly encourages women, minorities and persons with disabilities to compete fully in its programs. In accordance with Federal statutes, regulations and
NSF policies, no person on grounds of race, color, age, sex, national origin or disability shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving financial assistance from NSF (unless otherwise specified in the eligibility requirements for a particular program).

Facilitation Awards for Scientists and Engineers with Disabilities (FASED) provide funding for special assistance or equipment to enable persons with disabilities (investigators and other staff, including student research assistants) to work on NSF-supported projects. See the program announcement or contact the program coordinator at (703) 306-1636.

The National Science Foundation has Telephonic Device for the Deaf (TDD) and Federal Information Relay Service (FIRS) capabilities that enable individuals with hearing impairments to communicate with the Foundation about NSF programs, employment or general information. TDD may be accessed at (703) 306-0090, FIRS at 1-800-877-8339.

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PRIVACY ACT AND PUBLIC BURDEN STATEMENTS

The information requested on proposal forms and project reports is solicited under the authority of the National Science Foundation Act of 1950, as amended. The information on proposal forms will be used in connection with the selection of qualified proposals; project reports submitted by awardees will be used for program evaluation and reporting within the Executive Branch and to Congress. The information requested may be disclosed to qualified reviewers and staff assistants as part of the proposal review process; to applicant institutions/grantees to provide or obtain data regarding the proposal review process, award decisions, or the administration of awards; to government contractors, experts, volunteers and researchers and educators as necessary to complete assigned work; to other government agencies needing information as part of the review process or in order to coordinate programs; and to another Federal agency, court or party in a court or Federal administrative proceeding if the government is a party. Information about Principal Investigators may be added to the Reviewer file and used to select potential candidates to serve as peer reviewers or advisory committee members. See Systems of Records, NSF-50, "Principal Investigator/Proposal File and Associated Records," 63 Federal Register 267 (January 5, 1998), and NSF-51, "Reviewer/Proposal File and Associated Records," 63 Federal Register 268 (January 5, 1998). Submission of the information is voluntary. Failure to provide full and complete information, however, may reduce the possibility of receiving an award.

Pursuant to 5 CFR 1320.5(b), an agency may not conduct or sponsor, and a person is not required to respond to an information collection unless it displays a valid OMB control number. The OMB control number for this collection is 3145-0058. Public reporting burden for this collection of information is estimated to average 120 hours per response, including the time for reviewing instructions. Send comments regarding this burden estimate and any other aspect of this collection of information, including suggestions for reducing this burden, to: Suzanne Plimpton, Reports Clearance Officer, Information Dissemination Branch, Division of Administrative Services, National Science Foundation, Arlington, VA 22230, or to Office of Information and Regulatory Affairs of OMB, Attention: Desk Officer for National Science Foundation (3145-0058), 725 - 17th Street, N.W. Room 10235, Washington, D.C. 20503.

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