

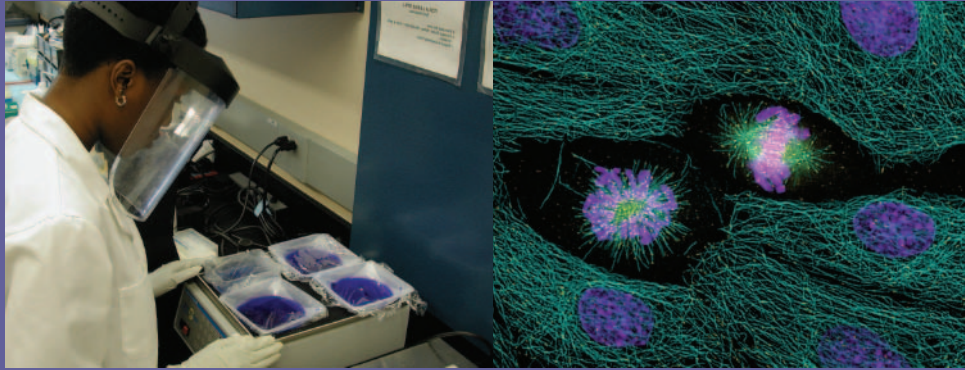


21st Century Scientists

Research Training Opportunities for Underrepresented Minorities



U.S. DEPARTMENT OF
HEALTH AND HUMAN SERVICES
National Institutes of Health
National Institute of General Medical Sciences



This is a time of rapid advances and tremendous opportunities in the biomedical and behavioral sciences. Future discoveries will require well-trained scientists from a variety of backgrounds and disciplines, including people prepared to address the health problems that disproportionately affect minority and medically underserved populations.

To help meet this need, the National Institutes of Health (NIH) has a variety of programs to increase the number of minorities pursuing careers in biomedical and behavioral research. This brochure describes programs offered by NIH's National Institute of General Medical Sciences (NIGMS), which has a long-standing commitment to increasing the number of minority biomedical and behavioral scientists through its Division of Minority Opportunities in Research (MORE). The Division provides support at the undergraduate, graduate, postdoctoral, and faculty levels.



We can help you be a part of the excitement of science.

Read on to find out how, then go online or contact us to learn more.

For additional information about MORE, visit its Web site at <http://www.nigms.nih.gov/minority> or see the contact information at the end of this publication.

UNDERGRADUATE OPPORTUNITIES

MORE undergraduate programs often provide students with their first experience performing “hands-on” science in a research lab. These grants, made to minority-serving institutions that then select the students to be supported, may also offer workshops, special classes, and opportunities to attend scientific meetings. Students may receive stipends, tuition and fee allowances, or salaries for doing research.

PREDOCTORAL SUPPORT

At the graduate level, MORE programs assist students who are pursuing a Ph.D., M.D.-Ph.D., or another combined professional degree-Ph.D. in the biomedical or behavioral sciences. MORE also sponsors institutional programs to assist individuals in making the transition from master’s degree to Ph.D. programs. Predoctoral grants provide a stipend and fee allowance or a salary and fringe benefits, as well as funds for tuition, supplies, equipment, and travel.

POSTDOCTORAL FUNDING

After completing the Ph.D. or another advanced degree, individuals can receive additional support from MORE. For example, one program combines a traditional postdoctoral research experience at a research-intensive institution with the opportunity to develop teaching skills through mentored assignments at a minority-serving institution. This facilitates the progress of postdoctoral scientists toward research and teaching careers in academia, provides a resource to motivate the next generation of scientists, and promotes connections between minority-serving and research-intensive institutions.



FACULTY DEVELOPMENT

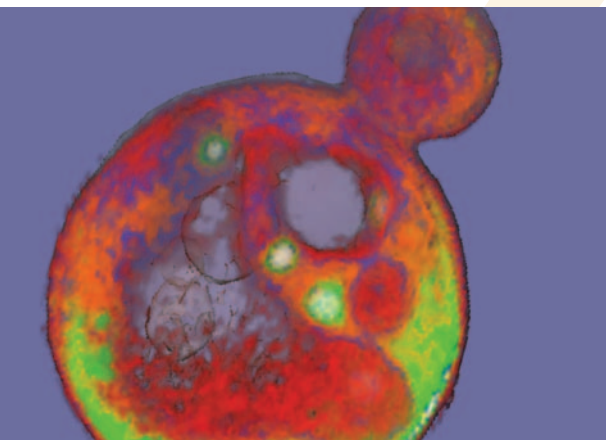
To enable faculty members at minority-serving institutions to enhance their research skills, MORE offers faculty predoctoral fellowships and a program in which faculty members spend time in research-intensive university laboratories. MORE also sponsors senior fellowships that provide faculty members at minority-serving institutions with a year of intensive research at a state-of-the-art research institution. Ideally, these awards lead to long-term collaborations between the grantee and the faculty of the research-intensive institution.

RESEARCH FUNDING

MORE helps faculty members at minority-serving institutions develop competitive research programs by funding research projects (including pilot projects) in all areas of biomedical and behavioral science.

INSTITUTIONAL DEVELOPMENT

MORE supports developmental activities that enhance the research environment at minority-serving institutions. Such activities include innovative courses that increase the interest, skills, and competitiveness of students and science faculty in pursuit of biomedical and behavioral research careers. Limited funds may also be available to purchase equipment and to renovate or remodel existing facilities to provide the space needed to implement the developmental activities.



CAROLYN LARABELL

OTHER SUPPORT

The Division supports and organizes meetings and other activities that promote minority participation in biomedical and behavioral research. MORE also collaborates with the Indian Health Service on a special program that links the Native American community with organizations that conduct health research. The program encourages research on diseases relevant to American Indians and Alaska Natives, and it prepares Native American scientists and health professionals to compete for NIH funding.

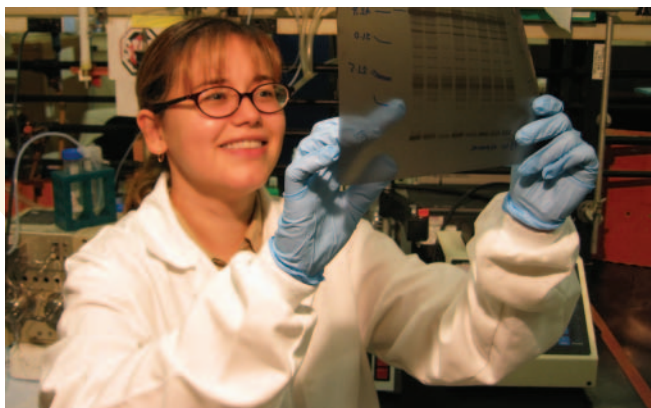
In addition to the programs described above, there are other NIH activities that attract and encourage individuals from diverse backgrounds to pursue biomedical and behavioral research careers. One of these provides supplements to existing research grants, enabling people at the high school through faculty levels to work in the labs of scientists holding the grants. Another makes grants to institutions for predoctoral and postdoctoral training programs; the institutions select the students to be supported with these funds.

MORE INFORMATION

MORE programs are open to individuals of all racial and ethnic groups whose participation leads to the achievement of the Division's goals. While institutions that receive MORE grants determine underrepresentation in their settings, minorities underrepresented in the biomedical and behavioral sciences historically include, but are not limited to, African Americans, Hispanic Americans, Native Americans (including Alaska Natives), and natives of the U.S. Pacific Islands. NIGMS encourages individuals from underrepresented minority groups to apply for any NIGMS grant for which they qualify.

For detailed information on MORE programs, including eligibility requirements, application receipt dates, and program descriptions, see <http://www.nigms.nih.gov/minority> or contact:

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To learn more about the basic research and training that NIGMS supports and the funding opportunities it offers, go to <http://www.nigms.nih.gov>.

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