

# Grant Programs

Programs are available primarily to degree-granting institutions in the United States and Canada.



21 T.W. Alexander Drive  
P.O. Box 13901  
Research Triangle Park, NC 27709  
t 919.991.5100 | f 919.991.5160

More information about BWF is  
available at [www.bwfund.org](http://www.bwfund.org).



## Biomedical Sciences

**Career Awards for Medical Scientists:** Five-year awards for physician scientists provide \$700,000 to bridge advanced postdoctoral/fellowship training and the early years of faculty service. This award addresses the on-going problem of increasing the number of physician scientists and will help facilitate the transition to a career in research.

**Collaborative Research Travel Grants:** Provide up to \$15,000 in support for researchers from degree-granting institutions to travel to a laboratory to acquire a new research technique or to facilitate a collaboration. Consideration is given to applicants who hold a Ph.D. or are studying for a Ph.D. in mathematics, physics, chemistry, computer science, statistics, or engineering who are interested in investigating research opportunities in the biological sciences or to biologists interested in working with physical scientists, mathematicians, engineers, chemists, statisticians, or computer scientists to incorporate their ideas and approaches to answering biological questions.

## Career Guidance

**Career Guidance for Trainees:** Award supports demonstration projects that will model affordable approaches to improving trainees' readiness for stable, fulfilling careers, whether by clarifying and improving their basic "Ph.D.-level" skills, by helping them identify how they can best use their skills and interests to serve the needs of potential employers by providing them approaches to thinking through their career options, or by other strategies.

## Infectious Diseases

**Investigators in the Pathogenesis of Infectious Disease:** Five-year awards provide \$500,000 for opportunities for accomplished investigators at the assistant professor level to study infectious disease pathogenesis, with a focus on the intersection of human and microbial biology. The program is intended to shed light on the overarching issues of how human hosts handle infectious challenge. The awards are intended to give recipients the freedom and flexibility to pursue new avenues of inquiry and higher-risk research projects that hold potential for advancing significantly the biochemical, pharmacological, immunological, and molecular biological understanding of how infectious agents and the human body interact.

## Interfaces in Science

**Career Awards at the Scientific Interface:** Five-year awards provide \$500,000 to bridge advanced postdoctoral training and the first three years of faculty service. These awards are intended to foster the early career development of researchers with backgrounds in the physical/mathematical/computational sciences whose work addresses biological questions. BWF has moved to a self-nomination format for this award only.

## Board of Directors

Bruce Alberts, Ph.D.  
Nancy Andrews, M.D., Ph.D.  
J. Michael Bishop, M.D.  
John E. Burris, Ph.D. (BWF president)  
Carlos J. Bustamante, Ph.D.  
Geoff Gerber, Ph.D.  
George Langford, Ph.D. (chair)  
Roderick R. McInnes, M.D., Ph.D.  
Carla Shatz, Ph.D.  
Dyann F. Wirth, Ph.D.  
Michael J. Welsh, M.D.

## Population and Laboratory Based Sciences

**Institutional Program Unifying Population and Laboratory Based Sciences:** Five-year awards provide \$2.5 million to unite population-level and laboratory-based biological sciences. The award supports the training of researchers working between existing research concentrations in population approaches to health and in basic biological sciences. The goal is to establish interdisciplinary training programs by partnering researchers working in disparate environments and intellectual frameworks.

## Reproductive Science

**Preterm Birth Initiative:** Awards will bring together a diverse interdisciplinary group with expertise in genetics/genomics, immunology, microbiology, and proteomics along with the more traditional areas of parturition research such as maternal fetal medicine, obstetrics, and pediatrics to address the scientific issues related to preterm birth. The formation of new connections between reproductive scientists and investigators who are involved in other areas will give preterm birth research a fresh look. Full research grants will provide up to \$600,000 over a four-year period.

## Science Education

**Career Awards for Science and Mathematics Teachers:** Five-year awards provide \$175,000 to eligible science or mathematics teachers in the North Carolina public primary and secondary schools. The purpose of this award is to recognize teachers who have demonstrated solid knowledge of science or mathematics content and have outstanding performance records in educating children. The award is a partnership between the North Carolina State Board of Education and BWF.

**Student Science Enrichment Program:** Three-year awards provide up to \$180,000 to North Carolina nonprofit organizations, including public/private schools, universities, colleges, and museums. This program supports creative inquiry-based science enrichment activities that occur outside the typical school day for K-12 students. The program's goals are to nurture students' enthusiasm about science, expose them to the excitement of scientific discovery, and interest them in pursuing careers in research or a variety of other careers in science.

**Promoting Innovation in Science and Mathematics:** Awards provide teachers with funding for materials, equipment, and training to conduct hands-on, inquiry-based science and mathematics projects in North Carolina public schools.

---

**The Burroughs Wellcome Fund** is an independent private foundation dedicated to advancing the biomedical sciences by supporting research and other scientific and educational activities. Within this broad mission, BWF seeks to accomplish two primary goals—to help scientists early in their careers develop as independent investigators, and to advance fields in the basic biomedical sciences that are undervalued or in need of particular encouragement.

Financial support is channeled primarily through competitive peer-reviewed award programs. Grants are made primarily to degree-granting institutions on behalf of individual researchers. To complement these competitive award programs, grants are also made to nonprofit organizations conducting activities intended to improve the general environment for science.

BWF was founded in 1955 as the corporate foundation of Burroughs Wellcome Co., the U.S. branch of the Wellcome pharmaceutical enterprise, based in the United Kingdom. In 1993, BWF received a \$400 million gift from the Wellcome Trust, the main entity in the enterprise, to become a fully independent foundation.