

FUNDING OPPORTUNITIES

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WHY COMPETITIVE FUNDING?

Many PhD programs in the biomedical sciences will cover your tuition and pay you a stipend, but pursuing your own competitive funding to cover part or all of these costs has many benefits

- A competitive award helps build your CV, and can help you secure additional competitive funding later.
- Many competitive funding programs offer specialized training, journal clubs, and/or networking and collaboration opportunities.
- By covering some of your expenses, it helps your PI financially, which he or she is likely to appreciate.
- Applying for training grants and fellowships can be a great way to practice valuable skills, such as communicating to others what your research is about and why they should care.
- Writing a good proposal requires you to think carefully about your research goals and your plan for achieving them, which is valuable even if you do not receive the award.

WHAT IS A TRAINING GRANT?

A training grant (or institutional training grant) is a grant made to an educational institution to help support research training for a given number of students and/or postdocs in a particular area of study. The institution then selects students to participate in this training grant program, usually through a competitive process.

The National Institutes of Health (NIH) awarded the UW over \$20 million in training program awards in fiscal year 2015. This funding supports students and postdocs conducting health-related research in the UW School of Medicine, School of Public Health, School of Dentistry, School of Pharmacy, School of Social Work, School of Nursing, College of Engineering, and College of Arts and Sciences.

UW has more than 30 unique training programs with competitive funding for PhD students pursuing research related to human health

Training Grants for Grad Students: The UW has more than 30 NIH-supported training programs with funding opportunities for PhD students. These are typically programs that students apply to after being admitted to a PhD program, often in their first or second year of study.

Eligibility: For most training grants, NIH requires that trainees be US citizens, non-citizen nationals, or permanent residents. Other eligibility criteria are determined by the individual training program.

OTHER FUNDING SOURCES

UW students in the health-related sciences also receive awards from many other sources. A few examples are: The National Science Foundation, The American Heart Association, Howard Hughes Medical Institute, Microsoft, Novartis, and the Bill and Melinda Gates Foundation.

TRAINING GRANTS AT THE UNIVERSITY OF WASHINGTON

AGING

- Genetic Approaches to Aging Training Program
- Aging and Informatics Training Program

BIOENGINEERING

- Bioengineering Cardiovascular Training Grant

BIOPHYSICS

- Molecular Biophysics Training Grant

CANCER

- Biobehavioral Cancer Prevention and Control Training Program
- Cancer Epidemiology and Biostatistics Training Program
- Interdisciplinary Training Grant in Cancer Research

CARDIOVASCULAR HEALTH

- Bioengineering Cardiovascular Training Grant
- Experimental Pathology of Cardiovascular Disease

DRUGS AND PHARMACOLOGY

- Drug Action, Metabolism and Kinetics
- Training in the Molecular Pharmacology of Abused Drugs

ENVIRONMENTAL AND OCCUPATIONAL HEALTH

- Biostatistics, Epidemiologic & Bioinformatic Training in Environmental Health
- Environmental Pathology/Toxicology Training Program
- Occupational Health Services Research Training Program

EPIDEMIOLOGY AND STATISTICS

- Biomedical and Health Informatics Training Program
- Biostatistics, Epidemiologic & Bioinformatic Training in Environmental Health
- Cancer Epidemiology and Biostatistics Training Program
- Mental Health Biostatistics Training
- Population Research Training
- Predoctoral Research Training in Statistical Genetics
- Reproductive, Perinatal and Pediatric Epidemiology Training
- STD/AIDS Research Training Grant

GENOME SCIENCES / GENETICS

- Genetic Approaches to Aging
- Interdisciplinary Training in Genome Sciences
- Predoctoral Research Training in Statistical Genetics

HEARING

- Auditory Neuroscience Training Program
- Research Training in Speech and Hearing Sciences

IMMUNOLOGY AND INFECTIOUS DISEASE

- Basic Training at the Intersection of Innate and Adaptive Immunity
- Diseases of Public Health Importance
- Interdisciplinary Program in Bacterial Pathogenesis
- STD/AIDS Research Training Grant
- Viral Pathogenesis Training Program

MENTAL HEALTH

- Mental Health Biostatistics Training
- STD/AIDS Research Training Grant

MOLECULAR BIOLOGY AND CELL BIOLOGY

- Cell and Molecular Biology Training Grant
- STD/AIDS Research Training Grant
- Training in Molecular Biophysics

NEUROSCIENCE

- Auditory Neuroscience Training Program

REPRODUCTION AND HUMAN DEVELOPMENT

- Developmental Biology Training Grant
- Reproductive, Perinatal and Pediatric Epidemiology Training Grant

TRANSLATIONAL

- Clinical and Translational Research Training Program
- Molecular Medicine Training Program

VISION

- Vision Research Training Grant

For links to more information on many of these training grants visit our website at

blogs.uw.edu/tgrants

Or scan this QR code

