



## THE GRADUATE SCHOOL PRESENTS: PHD IN MICROBIOLOGY

### CUTTING EDGE MICROBIOLOGY IN THE ROCKY MOUNTAIN RANGE



The Graduate Program in Microbiology prepares students for a variety of careers in science including research, education, and policy. Through rigorous didactic courses and mentored experimental studies, the program trains students in diverse areas of virology, bacteriology, and parasitology.

The research interests of the faculty include molecular mechanisms of infectious disease pathogenesis, effects of the microbiome on human health and disease, innate and adaptive immune responses to infection, pathogen immune evasion strategies, products and metabolites associated with infectious disease outcomes, regulation of gene expression of both host and pathogen, and identification of potential vaccines and therapeutics to prevent or mitigate infectious diseases.

### CAREER PATHS OF GRADUATES

96% of Microbiology PhD graduates remain in a science-related career. Our alumni have gone on to successful careers in academic biomedical research, biotech and pharmaceutical research, teaching, and public policy.

### WHY CHOOSE CU ANSCHUTZ?

The state-of-the-art education, research and patient care facilities offer students unparalleled training and research opportunities. A wide range of complementary activities and clubs are available on campus, including career seminars, teaching opportunities, and student interest and support groups.

### PROGRAM HIGHLIGHTS

#### TRAINING GRANT

Our NIH T32, Molecular Pathogenesis of Infectious Diseases, is in its 17<sup>th</sup> year.

#### FINANCIAL SUPPORT

Students receive support that includes tuition and fees, health and dental insurance, and a \$31,000 stipend.

#### CURRICULUM

First year students complete three laboratory rotations before identifying a thesis lab. Average time to PhD is 5.5 years.

#### APPLICATIONS

Applications accepted Sept 1 - Dec 1 for the following fall. Interviews take place in February.

#### COMMUNITY

The Microbiology PhD program is made up of 35 training faculty and 31 current PhD students.

#### DIVERSITY AND INCLUSION

We are committed to diversity and equity. Students from all backgrounds will find resources & support on campus.

Find out more at  
[cuanschutz.edu/microbiology](https://cuanschutz.edu/microbiology)

