

OHSU School of Medicine

# Department of Physiology and Pharmacology

Want to make a difference? Then come and work with the Department of Physiology and Pharmacology. We are a diverse group of investigators who share a common fascination with how things work; molecules, cells and organs; and how small molecules (drugs) can be used to modify function and treat disease.

Our collective research interests are motivated by the desire to make a difference in the treatment of human diseases such as hypertension, cystic fibrosis, heart failure, cancer, endocrine and neurological disorders. We recently created a Program in Chemical Biology that emphasizes the design of novel small molecules that represent the first

step in drug discovery. In our program, chemists interface with biologists who use physiological, biochemical, and biophysical techniques to study:

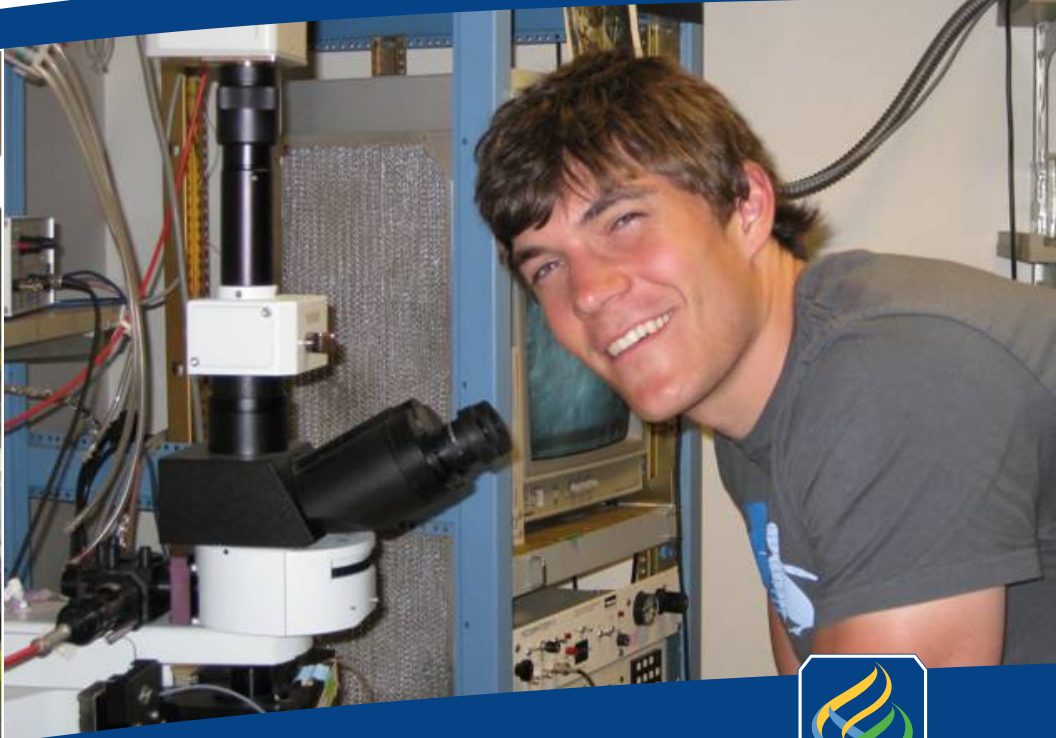
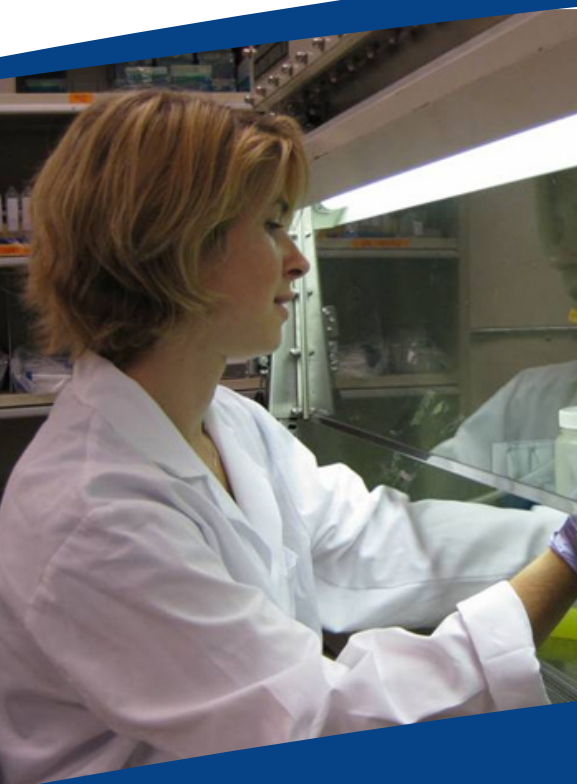
- Autonomic neurobiology
- Ion channel biophysics
- CNS neuroendocrinology
- Molecular pharmacology
- Signal transduction
- Chemical biology
- Cancer

Graduate training is guided by our desire to equip students with the broad scientific background and intellectual tools required of today's independent

scientists. The investigators of today and tomorrow will increasingly conduct their research in an interdisciplinary environment where the vision of a single investigator must span the range of single molecules to the whole organism.

Research and graduate study take place in state-of-the-art laboratories on "The Hill" in Portland, where we are inspired by views of Mt. St. Helens and Mt. Hood.

We invite you to visit our Web site or, better yet, to come and visit us in Portland and see how you can make a difference through biomedical research.



[www.ohsu.edu/physpharm](http://www.ohsu.edu/physpharm)



