With the theme “The Biology of Human Disease,” Ohio State’s Biomedical Sciences Graduate Program takes an interdisciplinary approach to investigating the causes, biological mechanisms, diagnoses, and cures of human disease.

From its broad-based curriculum to its integrative approach, every aspect of the curriculum is geared toward helping students understand how the complex interactions of the body’s mechanisms lead to the expression of human disease. Not only will students gain a comprehensive perspective, they will start applying their knowledge early in the program, working in laboratories alongside some of Ohio State’s most distinguished research scientists.

Ohio State’s Biomedical Sciences Graduate Program students have the advantage of learning in a stimulating environment that offers the rich resources of a top-ranked medical school, a nationally recognized medical center, and a top-10 public research university.

Areas of Research Emphasis

Although the program is interdisciplinary and promotes collaborative interactions, we realize that each student needs to also develop a strong core of expertise within an established area of research. Therefore, during the second year, students begin to focus on one or more of several established research disciplines. The following Areas of Research Emphasis are offered for transcript designation in addition to Biomedical Science.

- Biochemical and Molecular Basis of Disease
- Computational Biology and Bioinformatics
- Biology of Neurological Disorders
- Cancer Biology
- Cellular and Molecular Physiology
- Genetics
- Immunology
- Microbial Pathogenesis
- Molecular Pharmacology, Pharmacogenomics and Therapeutics
- Molecular Virology and Gene Therapy
- Translational Research

Application

To learn more about the application process, visit www.ibgp.org.

Financial Support

During the first year of study, students are supported through fellowships or graduate research associateships. Support includes a generous stipend, plus tuition and fees. In subsequent years, the dissertation advisor pays the stipend from a research grant and the College of Medicine pays the tuition and fees. Teaching is not a requirement.

For more information, contact us at:

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