

Master's program in Cellular, Molecular & Developmental Biology

The [Biology Department at the College of William & Mary](#) is recruiting new Masters students in cellular, molecular and developmental biology to start in Fall 2015.

We offer a two-year, research-intensive M.S. program where students are supported by teaching assistantships and full tuition waivers. For many students, getting a Master's degree in two years while earning grants and publications allows them to gain admittance to high-profile Ph.D. programs.

With a low student to faculty ratio (8-10 new students and 23 full-time faculty), we can offer an intimate and highly personalized research and education experience rarely attainable at larger universities. Our graduate students also work closely with and mentor undergraduates, offering numerous informal teaching and personal development opportunities.

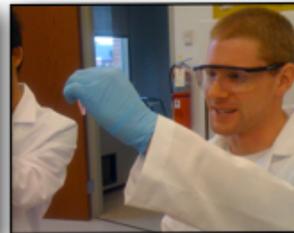
Our Department has a diverse faculty with real strength in cellular, molecular and developmental biology research. Some of our faculty and their research interests are listed on the following page. Many faculty are funded through NIH, NSF as well as HHMI, and are looking to take on new MS students next fall.

General information about our program and how to apply can be found on our Departmental web site using the following link:

<http://www.wm.edu/as/biology/graduate/index.php>

Additional inquiries can be directed toward the Graduate Program Director, Dr. Matthew Wawersik, at mjwawe@wm.edu

We look forward to helping your talented students achieve their goals, and appreciate you sharing this information with those you believe will excel in our program.



W&M Biology Faculty Research Interests:

- Lizabeth Allison, Professor & Department Chair; Ph.D. University of Washington. Molecular and cellular biology: Mechanisms of nuclear import and export; nuclear hormone receptor and oncogene expression. laalli@wm.edu
- Eric Bradley, Professor; Ph.D. University of California Santa Barbara. Biomedical Imaging; in vivo monitoring of cell-molecular processes in mammary tumor development. Mechanisms of reproductive inhibition; role of the endocrine system in maintaining reversible infertility. elbrad@wm.edu
- Mark Forsyth, Associate Professor; Ph.D. University of Connecticut. Mechanisms of bacterial pathogenesis. mhfors@wm.edu
- John Griffin, Professor; Ph.D. The Ohio State University. Neurophysiology: Hypothalamic control of thermoregulation and the generation of a fever in response to infection. jdgri2@wm.edu
- Shantá Hinton, Assistant Professor; Ph.D. Howard University. Cellular and molecular biology, protein tyrosine phosphorylation, pseudophosphatase roles in signal transduction, protein-protein interactions. sdhinton@wm.edu
- Oliver Kerscher, Associate Professor; Ph.D. The Johns Hopkins School of Medicine. Molecular genetics, cell biology, and biochemistry. Study of proteins and protein modifiers that regulate chromosome segregation and genome integrity in the baker's yeast *Saccharomyces cerevisiae*. opkers@wm.edu
- M. Drew LaMar, Assistant Professor; Ph.D. The University of Texas at Austin. Mathematical modeling and simulation of metabolic pathways in aorta endothelial cells; neural network structure and its effects on synchronization. mdlama@wm.edu
- Joshua Puzey, Assistant Professor; Ph.D. Harvard University. Plant development & biomechanics; evolutionary genomics; adaptation to whole genome duplication. jrpuzey@wm.edu
- Margaret Saha, Professor; Ph.D. University of Virginia. Developmental neurobiology; molecular genetics of cell determination and patterning in the developing vertebrate nervous system, particularly genes regulating brain and vascular development. mssaha@wm.edu
- Diane Shakes, Professor; Ph.D. Johns Hopkins University. Cell and developmental biology; the interplay between cell cycle progression and cell differentiation during *C. elegans* gametogenesis. dcs Shak@wm.edu
- Matthew Wawersik, Associate Professor; Ph.D. Johns Hopkins School of Medicine. Cell and developmental biology; genetic analysis of stem cell development, organogenesis and germ cell sex determination. mjwawe@wm.edu
- Kurt Williamson, Associate Professor; Ph.D. University of Delaware. Soil microbial ecology. Environmental virology. kewilliamson@wm.edu
- Patty Zwollo, Professor; Ph.D. University of Utrecht, The Netherlands. Molecular Immunology; molecular biology of the B-cell immune response in the rainbow trout. Structure and function of developmentally regulated transcription factors expressed in B-cells. pxzwol@wm.edu