



W&M Biology Faculty Research Interests:

Cell and Molecular Biology

Lizabeth A. Allison, Professor; 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 L. 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

Eric Engstrom, Assistant Professor; Ph.D., Stanford University. Plant development and evolution of developmental processes. Establishment of leaf polarity. emengs@wm.edu

Mark Forsyth, Associate Professor; Ph.D., University of Connecticut. Mechanisms of bacterial pathogenesis. Microbiology. mhfors@wm.edu

John D. Griffin, Associate 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

Oliver Kerscher, Assistant Professor; Ph.D., The Johns Hopkins School of Medicine. Yeast 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

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 C. Shakes, Associate 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, Assistant Professor; Ph.D., The Johns Hopkins School of Medicine. Cell and developmental biology; molecular genetic analysis of germ cell sex determination and germline stem cell establishment. mjwawe@wm.edu

Kurt Williamson, Assistant Professor; Ph.D. University of Delaware. Soil microbial ecology. Environmental virology. kewilliamson@wm.edu

Patty Zwollo, Associate 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