W&M Biology Faculty Research Interests

Developmental Biology

Jonathan Allen, Assistant Professor; Ph.D., University of North Carolina at Chapel Hill. Marine invertebrate biology; life history evolution; larval ecology and the role of maternal effects in development. jdallen@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

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. dcshak@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