

Katherine Emilie Mitchell
College of William and Mary – Class of 2013
Neuroscience and Government

Academic Information

- College of William and Mary: Class of 2013
 - Current GPA: 3.76
- High School: St. Paul's School for Girls: Class of 2009, ranked #1 in class

Research Experience

Johns Hopkins University Applied Physics Lab (2010)

Worked in MERC / RAM department again as intern on various materials projects, most significantly on fabrication and various treatments of graphene for optoelectronic device purposes.

College of William and Mary: Biology Department (2010)

Worked in a developmental neurobiology lab under Dr. Margaret Saha. Involved in project looking at correlation between stages at which neurons in developing embryos exit the cell cycle and the eventual neurotransmitter phenotypes that the neurons develop.

Johns Hopkins University Applied Physics Lab (2009)

Worked in Milton Eisenhower Research Center (MERC) / Research in Aerospace and Materials (RAM) group as intern on various materials projects including fabrication and testing of microencapsulated self-healing polymers and resin-impregnated cellulose / composite materials, as well as the structural properties of graphene. Presented results of summer work at APL nanotechnology symposium in August 2009.

National Science Foundation / Johns Hopkins University Internship (2008)

One of six in state of MD selected for paid summer internship through JHU'S Materials Research Science and Engineering Center on the study of nanostructured materials. Research conducted in Dept. of Chemical and Biomolecular Engineering on the self-assembly of nanoporous sub-millimeter scale containers (micro-cubes); prepared paper presented at symposium for JHU professors, students, etc.

Current Involvement

DoubleTake: William and Mary's coed competitive a cappella group

Monitor: William and Mary's Journal of International Relations

-Copy Editor

-Submission Reviewer

William and Mary Debate Team - Novice

William and Mary International Relations Club

- Delegate to Model United Nations conferences at University of Pennsylvania, Georgetown University, and McGill University
- Director at William and Mary High School Model United Nations (WMHSMUN) Conference XXIII
- Chief of Staff for WMHSMUN XXIV

Academic Honors and Awards at the College of William and Mary

Murray Scholarship

The Murray Scholarship is given to four incoming freshmen each year at the College. It is a merit scholarship that is awarded to students that show promise as researchers and independent thinkers. It includes full tuition, room and board at the in-state level, as well as a research stipend to be used for an independent project conducted after one's sophomore or junior year at the College.

Monroe Scholars Program

The Monroe Scholars Program includes approximately the top 5% of each incoming class. It provides opportunities to present research as well as resources to conduct research projects.

Dean's List: Fall 2009 , Fall 2010