

Grace Anna Blair

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Education

University of North Carolina at Chapel Hill, Carolina Honors Program

Expected Graduation: May, 2015

Expected Majors: B.S. Psychology, B.S. Quantitative Biology

GPA: 3.936

Noteworthy Coursework:

Fall 2012 Honors Biopsychology, Statistical Principles of Psychological Research, Foundations of Programming

Spring 2012 Microbiology and Genetics, Honors Differential Equations, Introduction to Programming, Intro to Psychology, Buddhism Honors Seminar

Fall 2011 Astronomy 101, Multivariable Calculus, Field Geology of Eastern California

Towson High School, Graduation: June, 2011

Rank: 3/332 GPA: 4.0 Weighted GPA: 5.67

Work and Leadership Experience

- Undergraduate Research Assistant, Stuber Lab, UNC Chapel Hill (September 2012-present): *Currently assisting with a project exploring the role of specific neuronal circuits in the VTA in mediating reward seeking using optogenetic techniques (in mice).*
- NIH, NIDA Biomedical Research Summer Internship, Baltimore, Maryland (June-August 2012): *Conducted an experiment to explore the role of the OFC in aggregate prediction error during a superconditioning task. Presented my results in the 2012 NIDA Summer Student Poster Day as well as the NIH 2012 Student Poster Day.*
- Research at the Ahmed Lab at UNC Chapel Hill (October 2011-June 2012) *Conducting research on the basis for sterility in C. elegans mutants*
- Conducted original Geology research in Eastern California: "Density of Bishop Tuff in Owen's River Gorge, California" (2011) *As part of a geology seminar, samples were personally collected from Owen's River Gorge; analysis was conducted at the geology lab of UNC Chapel Hill.*
- DHHS, NIH, NIA Biomedical Research Summer Internship, Baltimore, Maryland (June-August 2009): *Conducted a pilot test involving the effect of age on DNA methylation of mice. The program culminated in a poster presentation of my results.*

Honors

- "Density of Bishop Tuff in Owen's River Gorge, California" accepted for the 2012 Atlantic Coast Conference Undergraduate Research Symposium
- Maryland Distinguished Scholar Finalist (2010)
- Advanced Placement Distinguished Scholar (2010)
- Commended Recognition, National Merit Scholarship Program (2010)