# **Education and Research Experience**

## Johns Hopkins University, Baltimore, MD

* PhD candidate in the Cellular, Molecular, Developmental Biology, and Biophysics program
* Advisor: Dr. Samer Hattar
* Matriculated Fall 2012

## Bucknell University, Lewisburg, PA

* Bachelors of Science in Biochemistry/ Cell Biology, Minor in Philosophy
* 2008-2012
* Undergraduate Research Mentor: Dr. Emily Stowe
* Undergraduate research in genetics and molecular biology of cyanobacteria

National Cancer Institute, Frederick, Maryland

* Summer Intern in Dr. Alan Perantoni’s lab at the Cancer and Developmental Biology Laboratory of the National Cancer Institute
* June - August 2011

## St. Mark’s High School, Southborough, MA

* 2005-2008
* Senior independent study project on the genetics of Parkinson’s Disease
* Honor Roll: 2005-2006, 2007-2008

# **Teaching Experience**

Genetics Teaching Assistant

* Johns Hopkins University
* Fall 2013

Developmental Biology Teaching Assistant

* Johns Hopkins University
* Spring 2014

# **Awards**

* Association for Research in Vision and Ophthalmology (ARVO) Member in Training 1st place poster award in the Visual Neuroscience section at 2014 annual meeting in Orlando, FL
* Victor Corces Teaching Award for excellence while a teaching assistant for Genetics in Fall 2013
* American Society for Microbiology 2nd place poster award in the Molecular category during the 2010 regional meeting in Clearfield, PA

# **Professional Memberships**

* Association for Research In Vision and Ophthalmology (Current)
* American Society for Microbiology (expired 2011)

# **Publications & Poster Presentation**

**Publications**

* Stowe WC, Brodie-Kommit J, and  Stowe-Evans E. Characterization of Complementary Chromatic Adaptation in Gloeotrichia UTEX 583 and Identification of a Transposon-like Insertion in the cpeBAOperon. Plant Cell Physiology (2011) 52(3): 553-562.

**Poster Presentations**

* Brodie-Kommit J, Hattar S, Schmidt TM (2014) The Transcription Factor Math5 is Not Required for Specification of Distinct Subtepes of Retinal Ganglion Cells. Federation of American Societies for Experimental Biology Conference on Retinal Neuobiology and Visual Processing, Saxtons River, VT
* Brodie-Kommit J, Schmidt TM, Hattar S (2014) The Transcription Factor Math5 is Not Required for Specification of A Subset of Retinal Ganglion Cells. Association for Research in Vision and Ophthalmology Annual Meeting, Orlando, FL.
* Brodie-Kommit J, Stowe-Evans E (2011) Characterization of chromatic adaptation of *Gloeotrichia* sp. UTEX 583. Experimetal Biology Conference, Washington DC
* Brodie-Kommit J, Stowe WC, Stowe-Evans E (2010) Analysis of Chromatic Adaptation in *Gloeotrichia* sp. UTEX 583. American Society for Microbiology regional meeting in Clearfield, PA