

Kathy Bui

634 Biological Science Building | Kathy.Bui@uga.edu |

EDUCATION

University of Georgia, Athens, Georgia

August 2018 – Present

Ph.D. in Neuroscience

Emory University, Atlanta, Georgia

August 2013 – May 2017

B.S. in Neuroscience and Behavioral Biology, B.A. in Psychology

ACCENT Paris Study Center, Paris, France

May – July 2016

LAB EXPERIENCE

Cellular Biology/Neuroscience Lab, Athens, Georgia

January 2019 – Present

Graduate Assistant – Daichi Kamiyama, PhD (University of Georgia)

- Re-engineer split fluorescent proteins to study direct endogenous protein-protein interactions
- Implement and improve CRISPR-Cas9 technology in *Drosophila* (*in vivo* and *in vitro*)

Psychiatry and Behavioral Health Lab, Fort Worth, Texas

May – August 2015

Biomedical Research Intern – Mark Mummert, PhD (University of North Texas Health Science Center)

- Worked with mice tissue and lymph nodes to track fluorescein dye
- Presented poster of findings in the UNTHSC Summer Research Symposium

Developmental and Genetics Lab, Atlanta, Georgia

September 2014 – May 2015

Research Assistant – Iain Shepherd, PhD (Emory University)

- Ran RT-PCR and cloning experiments to purify DNA samples
- Cultivated *E. coli* cell cultures
- Prepared solutions, zebrafish specimens, and samples

WORK EXPERIENCE

Spanish Ministry of Education, Madrid, Spain

October 2017 – June 2018

Language and Culture Assistant – Colegio Público: Fernando el Católico

- Developed and implemented daily English activities and evaluations for 1st, 2nd, and 4th grade
- Fostered a classroom environment conducive to learning and analyzed student performances

CETAES Psychology: Anxiety and Stress Treatment Center, Madrid, Spain

September 2017 – March 2018

Research Assistant – Antonio Cano Videll, PhD (Complutense University of Madrid)

- Translated and edited abstracts and pending publications from Spanish to English
- Recruited participants and collect data on the effectiveness of psychological treatments in primary care

Children's Healthcare of Atlanta, Atlanta, Georgia

September 2015 – May 2017

Research Assistant – Larry Greenbaum, MD, PhD (Emory University)

- Enrolled pediatric patients in chronic kidney disease research studies
- Input and updated data collection for collaborative research projects
- Verified discrepancies between online patient entries and hard-copy database

LEADERSHIP

Athens Science Observer (ASO)

August 2018 – Present

Associate Editor, Author

- Provide edits and feedback to 6-8 articles each semester
- Ensure all ASO's policies and procedures are adhered to and upheld, including weekly deadlines

Vietnamese Student Association (VSA)

August 2013 – May 2017

Treasurer (2014), Vice-President (2015-2017)

- Managed over \$2000 in funding for the calendar-year meetings and events
- Represented Emory VSA in monthly VSA-GA meetings and planned collaborations with other VSAs

HONORS

- Gilman's Scholarship (2016), Dean's List (2015), Emory Questbridge Scholar (2013), Frisco Family Services Community Enrichment Scholarship (2013)

PUBLICATIONS

- Bui, Kathy. "Plastic Tips: A More Sustainable Science." Blog post. Athens Science Observer. University of Georgia, 7 Feb. 2020. Web. < <https://athensscienceobserver.com/2020/02/07/plastic-tips-a-more-sustainable-science/>>.
- Bui, Kathy. "Scouting for the Next Top Model (Organism)." Blog post. Athens Science Observer. University of Georgia, 13 Oct. 2019. Web.
- Bui, Kathy. "Digital Immortality of the Future – Or, Advancements in Brain Emulation Research." Blog post. *The Neuroethics Blog*. Emory University, 27 Sept. 2016. Web. <<http://www.theneuroethicsblog.com/2016/09/digitalimmortality-of-future-or.html>>.