

Casey (Baird) Stewart

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EDUCATION

- University of Georgia**, Athens, GA 2022-Present
PhD Student in Neuroscience
Department of Cellular Biology
Major Professor: Dr. Oshri Avraham
- North Carolina State University**, Raleigh, NC 2016-2020
Bachelor of Science (BS)
Major: Human Biology; Minor: Biotechnology

RESEARCH EXPERIENCE

- Graduate Research Assistant** 8/2022-Present
University of Georgia, Athens, GA
Advisor: Oshri Avraham, PhD
-Developing tools to lineage trace glial cells in the developing peripheral nervous system in an avian model.
- NIH Postbaccalaureate Fellow** 7/2020-5/2022
National Institute of Environmental Health Science, RTP, NC
Advisor: Patricia Jensen, Ph.D.
-Investigated the effects of altered norepinephrine and dopamine signaling on learning and memory in mice.
- NIH Volunteer** 8/2019-7/2020
- NIH Summer Intern** 5/2019-8/2020
National Institute of Environmental Health Science, RTP, NC
Advisor: Patricia Jensen, Ph.D.
-Designed and carried out a project to characterize adrenergic receptor expression in the adult mouse hippocampus.
- Undergraduate Research Assistant** 10/2017-8/2018
North Carolina State University, Raleigh, NC
Advisor: Sabrina Robertson, Ph.D.
-Investigated the effects of developmental disruption of noradrenergic signaling on neocortical anatomy.

TEACHING EXPERIENCE

Graduate Teaching Assistant- Department of Cellular Biology 1/2023-Present
University of Georgia, Athens, GA
Laboratory teaching assistant for Anatomy and Physiology II (CBIO2210L)

PUBLICATIONS

Wilson LR‡ , Plummer NW‡ , Evsyukova IY‡ , Patino D, **Stewart CL**, , Smith KG, Fry SA, Deal AL, Kilonzo VW, Sciolino NR, Cushman JD*, Jensen P*. Partial or complete loss of norepinephrine differentially alters context-dependent learning and catecholamine release dynamics in hippocampal CA1. In Prep.

‡ These authors contributed equally. *Co-corresponding authors.

POSTER PRESENTATIONS

Avraham Lab. Generating Molecular Tools for Lineage Tracing of the Diverse Glia Populations. Developmental Biology Fall Symposium, November 2022. (Co-presented with Samantha Baxley)

Baird C, Smith K, Evsyukova I, Jensen P. Characterization of Adrenergic Receptor Expression in the Hippocampus of Adult C57BL/6J Mice. NIEHS Summer Intern Poster Day, July 2019.

Baird C, Dancy E, Ruddiman C, Peterson B, Chen Y, Jensen P, Robertson S. Developmental Disruption of Norepinephrine Neuron Firing Impacts Embryonic Brain Development and Subsequent Behavior. North Carolina State University Summer Research Symposium, August 2018.

ACCOMPLISHMENTS, AWARDS & AFFILIATIONS

NIH Postbaccalaureate Intramural Research Training Award	2020-2022
NCSU Dean's List	2016-2020
Omega Phi Alpha National Service Sorority	2016-2020
NCSU Pre-Health Club	2016-2020
University Honors Program	2017-2018