EDUCATION:	
University of Kentucky, MD/PhD candidate, M2, College of Medicine	June 2018-Present
Emory University, College of Arts and Sciences, Atlanta, Georgia	May 2016
Major: Neuroscience and Behavioral Biology	Highest Honors
Research Experience:	
Summer Rotation Student in Dr. Brian Gold's Cognitive Neuroscience Lab	May 2019-Present
• Researching the functional and anatomical correlates of healthy brain aging among a cohort of 100+ a	adults from the Sanders
Brown Center on Aging Alzheimer's Disease Cohort	
• Learning techniques including Diffusion Tensor Imaging, Cerebroventricular Reactivity, and Probabi elucidate the role of cerebrovascular degradation on brain aging	listic Tractography to
Summer Rotation Student at the Center for Drug and Alcohol Research	May 2018-August 2018
• Studied the use of cognitive behavioral therapy on outcomes of patients diagnosed with comorbid opi endocarditis with Sharon Walsh, PhD and Michelle Lofwall, MD.	ate use disorder and
Research Specialist in Emory's Birdbrain Lab	June 2016-May 2018
• Worked under PI Donna Maney to facilitate graduate and post-graduate fellow research projects relat	ing to Zebra Finch song
acquisition and White Throated Sparrow brain hormone development.	
• Developed skills in qPCR, primer design, immunocytochemistry, in situ hybridization and animal hus	sbandry.
Scholarly Inquiry and Research at Emory (SIRE) Research Program Lab Assistant	
Dr. Hillary Rodman Laboratory	August 2013-May 2018
<ul> <li>Developed skills in microscopy, immunohistochemistry, tissue mounting, and critical reading of scient</li> <li>Conducted research towards my honors thesis on GABAergic distribution in an early insult model of <i>Stereological Analysis of Prefrontal GABAergic Interneurons Following Neonatal Hippocampal Lesis</i></li> <li>Worked approximately fifteen hours per week for thirty weeks each year in addition to a ten-week sur <i>Garland Richmond Excellence in Research Fellow- SIRE Summer Program</i></li> </ul>	schizophrenia titled, ion in Rhesus Monkeys.
• Worked with Dr. Hillary Rodman on the beginning of my senior honors thesis, "GABAergic Organiz	ation in Prefrontal
Cortex in Models of Early Insult Pathogenesis of Schizophrenia".	
• Served in a leadership capacity as the Resident Advisor of the other eight Summer SIRE fellows.	
• Fellowship awarded by the Emory Scholars Program to one outstanding applicant for the cost of the p	program.
Emory Summer Undergraduate Research at Emory (SURE) Fellow	May 2015-August 2015
• Participated in weekly ethics and professional development seminars.	
• Presented to approximately 90 students on poster creation and data manipulation.	
Summer Internship – University of California at Los Angeles	
Dr. Nicholas Brecha Laboratory	/lay 2014 – August 2014
• Studied GABAergic feedback on horizontal cells of zebra fish using immunohistochemistry and conf	ocal microscopy.
• Worked approximately 250 hours.	
Awards, Memberships, Presentations and Training:	
Professional Student Mentored Research Fellowship	May 2019-May 2020
• Received a \$3000 grant to pursue research under Dr. Brian Gold in the University of Kentucky Depart	rtment of Neuroscience
for one summer and academic year	
Radiology Interest Group Treasurer	May 2019-Present
• Managing a budget of \$700 to host interest group meetings and training sessions related to radiology Student Interest Group in Neurology (SIGN)	August 2018-Present
Active member within the University of Kentucky chapter	August 2010-1 Tesent
Society for Neuroscience	November 2016
• Presented the poster "Altered parvalbumin cell populations in dorsolateral prefrontal cortex after neor	natal hippocampal
	August 2012 – May 2016
• Four year, full-tuition, merit scholarship	NE 0017
<ul> <li>Burt and Betty Schear Award</li> <li>Awarded on a university-wide basis to the student most likely to make a uniquely positive mark on his</li> </ul>	May 2016
<ul> <li>Awarded on a university-wide basis to the student most fixery to make a uniquery positive mark on m</li> <li>"T.J. is a student leader who works behind the scenes, seeking no recognition or reward, but whose w difference for his peers."</li> </ul>	
Emory 100 Senior Honorary Inductee	January 2016
• Chosen as one of the 100 Emory University seniors that best embody and work to advance the univer	sity's mission.
Emory Scholars Finalist Selection Committee – Undergraduate Member	March 2016

<ul> <li>One of five current undergraduate Emory Scholars selected to interview approximately</li> </ul>	90 incoming Emory Scholar finalists.
• Worked with a team of Emory College faculty, staff, and alumni.	
Emory Scholars Senior Washington, D.C. Trip Attendee	October 2015
• One of twelve senior scholar representatives to travel to Capitol Hill with Emory's Lol	bbyist
• Met with legislators, support staff and Emory alumni to discuss legislative issues impo	ortant to higher education students.
SURE Summer Research Program Symposium Presentation	July 2015
<ul> <li>Presented the research poster titled "Investigating Altered Prefrontal GABAergic Orga Sampling in an Early Insult Model of Schizophrenia"</li> </ul>	nization through Systematic Random
SIRE Research Partners Peer Mentor Presentation	May 2015
• Presented a synopsis of my year's research titled "GABAergic Organization in Prefrom Pathogenesis of Schizophrenia"	tal Cortex in a Model of Early Insult
SIRE Spring Research Poster Symposium: Second Place	May 2014
• Presented the cumulative results from two semesters researching in the Rodman Labor	ratory
<ul> <li>Judged from a pool of approximately fifty undergraduate researchers</li> </ul>	
Other Relevant Experience:	
Emory Undergraduate Research Programs – Postgraduate Fellow	June 2016 – September 2017
• Assist with the day-to-day operations of the program that oversees all undergraduate re-	esearch programs.
• Host daily mentoring hours for students interested in undergraduate research as well as ambassadors in their duties.	s support the program's six research
Drugs and Behavior Graduate-Level Teaching Assistant	August 2016 – December 2016
• Psychology and Neuroscience and Behavioral Biology cross-listed elective that uses data	rugs to understand neural circuits.
• Held weekly review session for students ranging in attendance from 5-45.	
• Worked with Dr. Darryl Neill to score approximately 180 students' exams (3 exams).	
Behavioral Neuroscience Graduate-Level Teaching Assistant	January 2016 – Present

- The third in the four-class core series of the Neuroscience and Behavioral Biology major.
- Working with Dr. Michael Crutcher and two other TAs to lead bi-weekly review sessions, create exam questions, and score exams for approximately 180 students (4 exams).

August 2015-May 2016

August 2014-August 2015

Undergraduate Research Program Research Ambassador

- Pioneered the Research ambassador position along with two faculty members and one co-research ambassador in Emory's Office of Education.
- Developed curricula for our research programs, planned research symposia, and generated campus interest in undergraduate research of all disciplines.
- Worked with co-research ambassador to support approximately 15 SIRE Peer Mentors in their classroom and SIRE program duties.

## SIRE Research Partners Peer Mentor

- Worked with a graduate school mentor to develop basic research principles and ethics among undergraduate students.
- Developed and presented lesson plans with co-mentor and held monthly 1:1s with ten undergraduate students.