

TAMMI STEIN

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📞 (917) - 636 - 2158

RESEARCH INTERESTS

pharmacology, behavioral neuroscience, molecular and cellular neuroscience neurodegeneration, translational research, animal models of disease.

SKILLS

Plating cells, pipetting, tissue culture, serial dilutions, lab math, thiochrome assay, treating cells, MTT assay, RNA extraction, qPCR, gel electrophoresis, safety training, article summaries, research paper writing, research poster writing and presenting, yeast fermentation, PTC PCR, invertebrate dissections, rough and careful titrations, graphical methods, calorimetry, SpectroVis software, QuPath software, Microsoft Excel, data analysis

CERTIFICATIONS

EHS training courses: Chemical Hygiene Plan Training - EHS869, Waste Anesthetic Gas (WAG), General Biosafety Managing, Controlled Substances in Research, Laboratories Hazardous Waste, Management Biomedical Waste Main Campus Only Biomedical, Waste Main Campus Only (1.6)

EDUCATION

2023 - PRESENT

UNIVERSITY OF FLORIDA

Bachelor of Science, Psychology:
Emphasis in Behavioral and Cognitive Neuroscience

EXPERIENCE

Student Research Assistant

10/25 - PRESENT

Dr. Marcinkiewicz's Lab – *University of Florida*

Researching alongside post-doctorate Nagalakshmi Balasubramanian to explore the impact of ketamine on behavioral isolation in mice. Performing research in a laboratory setting using mice brains impacted by Alzheimer's Disease through data analysis methods. Gathering data from mouse brain slices using QuPath and Microsoft Excel software.

Student Researcher

8/23 - 12/24

First Year Research Immersion Program (FRI) – *Binghamton University*

Researched alongside a team to investigate the impact that Japanese Knotweed has on LPS-Induced inflammation through FRI's Drug Discovery stream. Created and presented an original FRI poster to visually express Japanese Knotweed's ability to reduce extreme LPS-Induced inflammation. Performed research in a laboratory setting on the impact of osthole, resveratrol, and polydatin on non-alcoholic fatty liver disease. Engaged in the FRI Ambassadors program as the multi-media chair, where I designed, organized, and managed content concerning the FRI program. Presented my team's research at the FRI poster session to summarize and explain findings regarding the anti-inflammatory properties of several natural compounds determined through laboratory research.

Health Narrative Publisher

07/22 - 11/22

International Young Researchers' Conference (IYRC) Medicine and Research Summer Program

Composed a health narrative and presented and published it at the International Young Researchers' conference. It was there that I received an honorable mention award. The program consisted of synchronous sessions asynchronous work, discussions, and gathering experience through clinical correlates.

Club Involvement

Balanced Living in STEM (BLIS) - Event and Community Outreach Chair: Promoted and supported BLIS, a club that maintains the physical and mental well-being of students in STEM, while organizing and coordinating in-person and social events.

Preprofessional Service Organization (PSO) - Member: Completed community service initiatives and participated in philanthropy, social, and professional development events through UF's longest-standing pre-health organization.

Neuroscience Club - Member: Participating in events such as learning from speakers with backgrounds in neuroscience as well as fostering an environment of communication with other students interested in neuroscience research.