

Tammi Stein

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EDUCATION:

University of Florida

Graduation Date: May 2027

Bachelor of Science | Major: Psychology: Emphasis in
Behavioral and Cognitive Neuroscience

New Dorp High School GPA: 99.79

Graduation: June 2023

WORK EXPERIENCE:

Pharmacy Technician

May 2026 – August 2026

CVS Pharmacy

- Communicate with over 60 patients per day, handling inquiries while ensuring patients receive the correct prescription(s).
- Process prescriptions for new patients and manage prescription orders.
- Fill prescriptions manually and precisely.
- Work assigned duties completely and effectively while working alongside 4+ pharmacy technicians and a team of pharmacists.

RESEARCH EXPERIENCE:

Student Research Assistant

October 2025 – August 2026

Dr. Marcinkiewicz's Lab – University of Florida

- Researching alongside postdoctoral researcher Nagalakshmi Balasubramanian to explore the impact of ketamine on behavioral isolation in mice.
- Performing research in a laboratory setting using mouse brains impacted by Alzheimer's Disease through data analysis methods.
- Gathering data from mouse brain slices using Qupath and Microsoft Excel software.
- Analyzing EEG recordings from mice impacted by Alzheimer's disease, chronic ketamine exposure, and exposure to ethanol using Sirenia Sleep software.
- Handling mice and administering ethanol ingestion through gavage.

Student Researcher

August 2023 – December 2024

Binghamton University First Year Immersion Program: Drug Discovery Stream

- Researched alongside a 7-person team to investigate the impact that Japanese Knotweed has on LPS-Induced inflammation.
- 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 multimedia chair, where I designed, organized, and managed content concerning the FRI program.
- Presented my team's research at the FRI poster session, summarizing and explaining findings on the anti-inflammatory properties of several natural compounds determined through laboratory research.

Health Narrative Publisher

July 2022 – November 2022

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

- Composed a health narrative. Presented and published it at the International Young Researchers' Conference, where I received an honorable mention award.
- Utilized synchronous sessions, conducted asynchronous work, participated in discussions, and gathered experience through clinical correlates.

Lead Researcher

July 2022 – June 2023

Envision STEM

- Researched information about STEM-related topics to emphasize the need for STEM education in schools. Approved articles for publication, advised researchers, and composed article topics.

College Involvement:

Member

January 2025 – August 2026

Neuroscience Club

- Participating in events such as learning from speakers with a background in neuroscience and communicating with other students interested in neuroscience.

Event and Community Outreach Chair

January 2025 – December 2025

BLIS – Balanced Living in STEM

- Promoting and supporting BLIS, a club that maintains the physical and mental well-being of students in STEM, on social media, and coordinate in-person academic and social events.

Member

August 2025 – December 2025

PSO – Preprofessional Service Organization

- Completed community service initiatives, philanthropy, social, and professional development events through UF's longest-standing pre-health organization.

Member

January 2025 – May 2025

GPS – Girls in Pre-Health Society

- Participated in academic and social events with like-minded individuals interested in pre-health.

Skills:

- Lab 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, Sirenia Sleep software, gavage, mice handling
- Leadership experience: digital design, communication, event organization, teamwork