

Curriculum Vitae

Megan Senda, B.S.

Research Coordinator; FSU Neuromodulation
Department of Behavioral Sciences and Social Medicine
Florida State University College of Medicine

Email: megan.senda@med.fsu.edu

EDUCATION

Florida State University

Bachelor of Science, Psychology
Minor in Biological Sciences

December 2020

Tallahassee, FL

CERTIFICATIONS

BLS Certification; American Heart Association; Issued 20 March 2024, Expires March 2026

EXPERIENCE

FSU Neuromodulation Lab

Research Coordinator

October 2024 – present

Tallahassee, FL

- Responsible for training and managing research assistants and students
- Manage scheduling and aid in recruitment and participant screening when necessary
- Take part in regular lab operations (i.e., study design, manuscript publication, neuroimaging, treatment administration, equipment installation, grant writing)
- Assist program manager with regulatory operations (i.e., IRB submissions, document filing and tracking)
- Assist with website and social media monitoring

FSU Neuromodulation Lab

Research Assistant

April 2021 – September 2024

Tallahassee, FL

- Responsible for participant recruitment and scheduling
- Extensive experience in creating and running REDCap projects
- Involved in designing future studies and projects
- Create and present academic publications and posters for current studies
- Conduct neuroimaging and other scans (e.g., EEG, fNIRS, MRI)
- Administer TMS treatments
- Assist with grant funding applications
- Assist and collaborate with students on projects and training
- Attend weekly lab meetings
- Created and continue to update lab website and Google Business page
- Set up and continue to monitor social media pages (e.g., Facebook, Instagram, TikTok)
- Assist with setting up lab equipment, office signage, and decorations

RE/MAX Realty Group

Marketing Assistant

December 2020 – March 2021

Fort Myers, FL

- Created advertisement videos and images
- Assisted with enhancing the office internet presence: social media outreach, lead generation, email marketing, etc.
- Worked with agents on enhancing their Google business profiles
- Attended agent meetings and classes

FSU Cognitive Affective Neuroscience Lab

January – December 2020

Undergraduate Research Student

Tallahassee, FL

- Helped prepare for and run experiments (e.g., EEG, data collection)
- Attended weekly lab meetings and created a research presentation
- Underwent MRI safety training at the university
- Assisted with participant recruitment
- Assisted graduate students in creating experiments (e.g., developing projects, testing coding)

Office of the Public Defender, 20th Judicial Circuit

June – August 2018

Intern

Fort Myers, FL

- Worked under homicide division and investigations
- Developed skills in detail and research
- Gained experience in social work as well as common secretarial duties

RE/MAX Realty Group

June – August 2017 / June – August 2019

Administrative Assistant

Fort Myers, FL

- Learned front desk operations
- Created advertisement and event flyers
- Gained organizational and customer service skills

PAPERS & PUBLICATIONS

Senda, M., Johnson, K., Taylor, I., Jensen, M., Flynn, H., & Kozel, F. A. (2023). Accelerated Transcranial Magnetic Stimulation Provided Rapid Improvement in Depressive, Anxiety, Trauma, and Pain Symptoms in a Woman Experiencing Postpartum Depression. *J ECT*, 39(3), e14-e15. <https://doi.org/10.1097/YCT.0000000000000936>

Senda, M. C., Johnson, K. A., Taylor, I. M., Jensen, M. M., Hou, Y., & Kozel, F. A. (2023). Stepwise Implementation of Virtual Reality Mindfulness and Accelerated Transcranial Magnetic Stimulation Treatments for Dysphoria in Neuropsychiatric Disorders. *Depression and Anxiety*, 2023, Article 9025984. <https://doi.org/https://doi.org/10.1155/2023/9025984>

Spitz, A. M., **Senda, M. C.**, Johnson, K. A., Taylor, I. M., Jensen, M. M., & Kozel, F. A. (2024). The Relationship of Anxious Arousal With Treatment of Dysphoria Using Virtual Reality Mindfulness and 2 Accelerated Transcranial Magnetic Stimulation Protocols. *J Clin Psychiatry*, 85(2). <https://doi.org/10.4088/JCP.23m15195>

ABSTRACTS & PRESENTATIONS

- Kozel F. A. & **Senda M. C.** (2021, December 1). *Neuromodulation for Veterans with PTSD & Depression* [Class presentation]. Tallahassee Community College, Tallahassee, FL, United States.
- Senda M. C.**, Taylor I. M., Kozel F. A., Johnson K. A. (2022, February 11). *Accelerated Neuromodulation for Dysphoria* [Poster presentation]. FSU College of Medicine Annual Research Fair, Tallahassee, FL, United States.
- Johnson K. A., **Senda M. C.**, Taylor I. M., Motes M. A., Morris E. E., Hart J., Kozel F. A. (2022, May 12). *Multi-site confirmatory treatment trial of Transcranial Magnetic Stimulation (TMS) with Cognitive Processing Therapy (CPT) for combat-related PTSD* [Poster presentation]. Clinical TMS Society, Chicago, IL, United States.
- Senda M. C.**, Taylor I. M., Kozel F. A., Johnson K. A. (2022, May 20). *Accelerated Neuromodulation for Dysphoria* [Poster presentation]. International Clinical Trials Day at Tallahassee Memorial Healthcare, Tallahassee, FL, United States.
- Kozel F. A., **Senda M. C.**, Taylor I. M., Jensen M., Johnson K. A. (2022, December 4). *Treating Transdiagnostic Dysphoria Using a Sequence of Virtual Reality and Two Accelerated Transcranial Magnetic Stimulation Protocols* [Poster presentation]. American College of Neuropsychopharmacology, Phoenix, AZ, United States.
- Philip N. S., **Senda M.**, Berlow Y., Kozel F. A., Madore M. R. (2022, December 4). *Does the TMS Protocol Matter for PTSD? A Large, Multisite Study of Veterans Receiving Therapeutic Transcranial Magnetic Stimulation Indicates Otherwise* [Poster presentation]. American College of Neuropsychopharmacology, Phoenix, AZ, United States.
- Saini N., **Senda M. C.**, Taylor I. M., Johnson K. J., Jensen M. M., Kozel F. A. (2023, February 3). *Community Perception of Neuromodulation* [Poster presentation]. FSU College of Medicine Annual Research Fair, Tallahassee, FL, United States.
- Senda M. C.**, Taylor I. M., Jensen M. M., Johnson K. J., Kozel F. A. (2023, February 3). *Treating Transdiagnostic Dysphoria Using a Sequence of Virtual Reality and Two Accelerated Transcranial Magnetic Stimulation Protocols* [Poster presentation]. FSU College of Medicine Annual Research Fair, Tallahassee, FL, United States.
- Berlow Y., Brennan M., **Senda M.**, Kozel F. A., Gee S., Madore M. M., Philip N. (2023, April 28). *Early Symptom Improvement as a Predictor of TMS Treatment Outcomes in Posttraumatic Stress Disorder* [Poster presentation]. Society of Biological Psychiatry's 78th Annual Meeting, San Diego, CA, United States.
- Senda M. C.**, Johnson K. A., Taylor I. M., Jensen M. M., Kozel F. A. (2023, May). *Sequenced Pilot Trial Using Virtual Reality Followed by Two Different Accelerated TMS Protocols for Treating Dysphoria* [Poster presentation]. Clinical TMS Society, Colorado Springs, CO, United States.
- Johnson K. A., **Senda M. C.**, Taylor I. M., Jensen M. M., Kozel F. A. (2023, May). *Minimal Impact of VR, Accelerated dlPFC TMS and Accelerated mPFC on Pain Interference* [Poster presentation]. Clinical TMS Society, Colorado Springs, CO, United States.
- Senda M. C.**, Johnson K. A., Taylor I. M., Jensen M. M., Kozel F. A. (2023, August 15). *Accelerating Relief from Dysphoria (Depression, Anxiety, PTSD, and/or Chronic Pain) Using a Stepwise Progression of Virtual Reality and Brain Stimulation* [Poster presentation]. Military Health System and Research Symposium, Kissimmee, FL, United States.

- Spitz A. M., **Senda M. C.**, Taylor I. M., Jensen M. M., Johnson K. A., Kozel F. A. (2023, October 26). *The Relationship of Anxious Arousal in the Treatment of Dysphoria Using VR Mindfulness and Accelerated-TMS* [Poster presentation]. Medical Student Summer Research Poster Session, Tallahassee, FL, United States.
- Jensen M. M., **Senda M. C.**, Moore C., Johnson K. A., Kozel F. A. (2024, February 9). *Quality Assessment Project: Transcranial Magnetic Stimulation Clinic Patient Outcomes at FSU Neuromodulation™* [Poster presentation]. FSU College of Medicine Annual Research Fair, Tallahassee, FL, United States.
- Nesmith N., **Senda M. C.**, Kozel F. A., Taylor I. M., Spitz A. M., Johnson K. A. (2024, February 9). *Characterizing Scalp Tolerability of TMS* [Poster presentation]. FSU College of Medicine Annual Research Fair, Tallahassee, FL, United States.
- Nesmith N., **Senda M. C.**, Kozel F. A., Taylor I. M., Spitz A. M., Johnson K. A. (2024, August 3). *Characterizing Scalp Tolerability of TMS* [Poster presentation]. FMA Annual Meeting, Orlando, FL, United States.
- Spitz A. M., **Senda M. C.**, Taylor I. M., Jensen M. M., Johnson K. A., Kozel F. A. (2024, September 11). *The Relationship of Anxious Arousal in the Treatment of Dysphoria Using VR Mindfulness and Accelerated-TMS* [Poster presentation]. NNDC Annual Conference, Salt Lake City, UT, United States.
- Senda, M. C.**, Madore, M. R., Johnson, K. A., Spitz, A. M., Philip, N. S., Kozel, F. A. (2025, June 12-14). *Preliminary Analysis of TMS Treatment Outcomes for Veteran Sexual Assault Victims with MDD and PTSD* [Poster presentation]. Clinical TMS Society 13th Annual Meeting, San Diego, CA, United States.
- Senda, M. C.**, Madore, M. R., Johnson, K. A., Spitz, A. M., Philip, N. S., Kozel, F. A. (2025, August 7-9). *Preliminary Analysis of TMS Treatment Outcomes for Veteran Sexual Assault Victims with MDD and PTSD* [Poster presentation]. APA 2025, Denver, CO, United States.

ORGANIZATIONS & ACHIEVEMENTS

FSU Student Veterans Association

Graduated Cum Laude from FSU

Plant Club at FSU

Member: Took part in community garden, hikes, and other events

Miles of Smiles Foundation

Volunteer: Took care of animals, aided in children's classes

Heights Foundation

Volunteer: Assisted during holiday events and contributed to fundraisers

Humane Society

Volunteer: Cared for dogs and cats

Special Equestrians

Volunteer: Helped care for horses & aided in children's classes

September 2021 – Current

December 2020

Fall 2018 – Spring 2020

Summer 2018, 2019

On/off 2014 – 2017

Summer 2019

Summer 2016

SKILLS

Technical: proficient – Microsoft Office, REDCap; intermediate – NIRSLab, NIRStar, Adobe Photoshop, PsychoPy, SPSS

Professional: Laboratory, clinical, behavioral health, data entry and administrative experience; exceptional communication, writing and interpersonal skills; expertise in art and design

Personal: Quick learner, detail-oriented, creative, cooperative, adaptable, and exceptional time management and multitasking skills