

Mariah A. A. Meyer, Ph.D.

Technology Specialist

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EDUCATION

Ph.D., Neuroscience, Northwestern University

B.S., Brain & Cognitive Sciences (*cum laude*), University of Rochester

PRACTICE AREAS

Corporate & Investment Diligence

Licensing & Transactions

Patent Opinions

Patent Prosecution

Strategic Counseling

Trade Secrets

Trademarks

TECHNOLOGIES

Chemistry & Materials Science

Industrial Devices

Life Sciences

Medical Devices & Diagnostics

OVERVIEW

Mariah's work involves the drafting and prosecution of patent applications, primarily in the field of biology. She also assists clients in conducting patentability and freedom-to-operate analyses.

Mariah's doctoral research focused on the role of oxytocinergic neurons in regulating social behavior and the associated patterns of neuronal activity in the hippocampus. To this end, she employed viral vector-mediated chemogenetics, optogenetics, gene editing, and anatomical tracing approaches; pharmacology, electrophysiology, immunohistology, transgenic mice, and behavioral phenotyping.

As a postdoctoral scholar at Northwestern University, Mariah studied the neurobiological bases of hippocampal function in mice through the meta-analysis of proteomic, anatomic, and neuroelectric data during hippocampus-dependent behaviors.

Mariah has authored and co-authored original research articles in peer-reviewed journals, including *Nature Communications*, *Translational Psychiatry*, *Learning and Memory*, *Brain Structure and Function*, and *Current Opinion in Neurobiology*.

EXPERIENCE

Honors:

- Fellow, National Institute of Mental Health Neurobiology of Information Storage Training Program
- Fellow, Kauffman Foundation
- Fellow, Northwestern University Nicholson Fellowship

Affiliations:

- Ad Hoc Reviewer, *Nature Communications*, *Nature Neuroscience*, *Biological Psychiatry*, *Cerebral Cortex*, *Journal of Neuroscience*, *Neuropharmacology*, *Neurobiology of Learning and Memory*, *Scientific Reports*, *Hippocampus*, *Psychopharmacology*, *Behavioral Brain Research*, and *Learning and Memory*
- Member, Society for Neuroscience
- Member, Molecular and Cellular Cognition Society