

Dr. Jhah

Anabirae

YALE NEUROSCIENCE PH.D. | LIFE SCIENCES CONSULTANT

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Professional Summary

I entered college at age 16 and began my doctoral studies in neuroscience at Yale School of Medicine at age 20, earning my Ph.D. in Neuroscience at age 25 in under five years. I bring interdisciplinary training across neuroscience, biology, chemistry, pharmacology, and translational research, with strengths in scientific literature analysis, evidence evaluation, technical writing, cross-functional collaboration, and communicating complex concepts to multidisciplinary audiences.

Scientific Qualifications

Scientific Domains: Neuroscience, neuropsychopharmacology, stress biology, arousal systems, translational psychiatry, biology, and chemistry.

Research Methods: *In vivo* neurochemical imaging, pharmacology, behavioral neuroscience, pupillometry, motion sequencing, optogenetics, and quantitative data interpretation.

Technical Analysis: Scientific literature review, evidence synthesis, technology assessment, experimental design, and critical evaluation of novelty and technical gaps.

Communication: Dissertation and scientific writing, abstract writing, grant writing, manuscript writing, poster development, oral presentations, cross-functional collaboration, and executive-ready summaries.

Education

Ph.D. in Neuroscience, Yale University, New Haven, CT

July 2026

Completed the doctorate at age 25 in under 5 years.

Dissertation: *Neuropeptide Modulation of Noradrenergic Arousal Dynamics During Conditioned Threat*.

- Investigated CRF/CRFR1 regulation of noradrenergic arousal and threat processing using pharmacology, *in vivo* norepinephrine imaging, behavioral analysis, pupillometry, motion sequencing (MoSeq), and optogenetics.

MBA, Artificial Intelligence Specialization, University of South Carolina Aiken

August 2026 – Present • Expected May 2027

M.Phil. in Neuroscience, Yale University, New Haven, CT

December 2023

B.S. in Biology and B.S. in Chemistry, Mississippi Valley State University, Itta Bena, MS

May 2021

GPA: 3.9 (summa cum laude) | Entered college full-time at age 16

Relevant Experience

Doctoral Researcher, Yale University School of Medicine

2021-2026

- Designed and executed a multi-year research program examining neuropeptide control of noradrenergic arousal and stress-sensitized threat behavior, integrating mechanistic, pharmacologic, behavioral, and translational questions.
- Synthesized interdisciplinary literature to define research questions, evaluate scientific novelty, identify technical gaps, and build rigorous experimental strategies.
- Interpreted complex and occasionally counterintuitive datasets, troubleshooted experimental systems, and converted findings into clear scientific narratives and defensible conclusions.
- Authored a doctoral dissertation, research protocols, abstracts, fellowship materials, and presentations for scientific audiences including NIH, the Society for Neuroscience, and the Molecular Psychiatry Association.

Global Medical Affairs Publications Intern, Johnson & Johnson

Summer 2025

- Supported global publications strategy through literature review, evidence synthesis, clinical-data analysis, and development of scientific materials aligned with therapeutic-area medical plans.
- Evaluated AI-assisted scientific fact-checking and quality-control workflows for publication operations, identifying opportunities to improve accuracy, consistency, and efficiency.
- Collaborated with medical affairs, clinical, publications, and scientific communications teams on manuscripts, abstracts, posters, and evidence-dissemination initiatives.
- Presented project outcomes and strategic recommendations to Global Medical Affairs leadership.

Consultant / Lead Researcher, Freedom Biosciences, Remote

Fall 2023

- Evaluated the scientific merit and translational rationale of drug-combination strategies through extensive literature research and critical analysis of preclinical evidence.
- Synthesized findings into decision-ready reports and presentations and supported experimental design and preclinical development strategy.

Additional Experience

Independent Research Mentor, Lumiere Education LLC, Remote

2022-Present

- Mentored 10+ international students through original scientific research projects, guiding literature review, question development, study design, analysis, and scientific communication.

Consultant, Lieber Institute for Brain Development, Remote

Aug-Oct 2023

- Tracked grant portfolios, project periods, milestones, and no-cost extensions, maintaining accurate records across active research programs.

Psychology Accessibility Coordinator, Yale University

Aug-Dec 2023

- Coordinated accommodations for 50+ students and partnered with 10+ faculty members to adapt course materials, assignments, and examinations in compliance with ADA standards.
- Streamlined communication among students, faculty, and Student Accessibility Services, reducing accommodation-response times by 30%.

Teaching Assistant, Yale PATHWAYS, Yale University

Summer 2024

- Facilitated hands-on STEM workshops and laboratory sessions for 100+ high school students in collaboration with a 10-person Yale team.
- Coordinated and documented 10+ enrichment events and mentored 30+ students in scientific concepts, assignments, and research projects.

Leadership

President, Yale Student Science Diplomats

2022-2024

- Led 10+ meetings and strategic initiatives that strengthened collaboration, scientific outreach, and organizational visibility across Yale and the broader community.

President, Student Government Association, Mississippi Valley State University

2020-2021

- Managed a \$100,000 budget and served as a liaison between students and university leadership while coordinating policy and campus-wide initiatives.

Graduate Chair of Service, Delta Alpha Pi Honor Society, Yale University

2024-2026

- Organized service projects, recruited volunteers, and built community partnerships across the greater New Haven area.

Selected Honors and Scientific Presentations

Honors: National Institutes of Health (NIH) Outstanding Scholar in Neuroscience (1 of 15 nationally); Society for Neuroscience (SfN) Neuroscience Scholars Fellow (1 of 20 nationally); NINDS T32 Fellow; Yale Gruber Fellow; Yale Center for Clinical Investigation Fellow; Molecular Psychiatry Association (MPA) Travel Awardee.

Presentations: National Institutes of Health (2023); Society for Neuroscience (2023, 2024); Molecular Psychiatry Association (2024); Society of Biological Psychiatry (2023); Howard Hughes Medical Institute (HHMI) at Janelia (2023); Marine Biological Laboratory (2023).

Teaching Experience: Graduate Teaching Fellow in Biochemistry and Biophysics, Systems Neuroscience, The Human Brain, Neuroimaging in Neuropsychiatry II, Biology, the World, and Us.

Professional Affiliations

Medical Science Liaison Society (MSLS), Edward A. Bouchet Graduate Honor Society (BGHS), Delta Alpha Pi (DAPi) International Honor Society, Yale Graduate Student Consulting Club (YGCC), Alpha Kappa Alpha (AKA) Sorority Inc., The Society for Neuroscience (SfN), Molecular Psychiatry Association (MPA), Yale Club of New York City (YCNYS), Yale Prison Education Initiative (YPEI)