





Michael House, BA

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Education

Fall 2022 – Spring 2025  **Bachelor of Arts in Psychology with a minor in Neuroscience and Cognitive Science** Montclair State University

GPA 3.94


Dean's List

Summa cum laude


 **The Electric Brain**

Focused on hands-on EEG/ERP research methods, including data processing, waveform analysis, and practical experience administering EEG and creating data visualizations

Select Classes

 **Critical Studies in Neurodiversity**


Critical Studies in Neurodiversity was an intensive graduate seminar examining phenomenological research in autism through a neurodiversity lens, conducted twice weekly with a selective cohort of 5 students.


 **Neuromuscular and Electrophysiology Laboratory Assistant at Kessler Institute**

Performed medical imaging and electrophysiology research with Dr. Handir in a clinical environment for rehabilitation

Awards and Experience

Awards and Achievements

2025  **Leadership Institute Scholar National Leadership Consortium on Developmental Disabilities** Selected for intensive two-week leadership development program - Awarded scholarship for advanced training in disability services leadership and organizational development

2024–2025  **Simon's Foundation's Shenoy Undergraduate Research Fellowship in Neuroscience (SURFiN)**

Learned advanced neuroscience research methods and data analysis from a Princeton doctoral student mentor at the Princeton Neuroscience Institute. Career development workshops and Simons Foundation Undergraduate Research Symposium research presentations, plus networking and learning from neuroscience professionals.


 **Wilson Center Junior Research Fellowship**, Montclair State University.

Collaborated with Tokyo University researchers originating from Bangladesh to compile an anthology of personal experiences related to student protests, delivering a comprehensive narrative capturing life before, during, and after the overthrow of the previous government.

 **Research on Interdisciplinary Studies Policy Brief Winner**, Montclair State University.

 **Department Chair Student Researcher Travel Award**, Montclair State University.

Certifications

2025  **Certificate in Eating Disorders**. Awarded by Rutgers School of Social Work.

2024  **Associate Data Scientist**. Awarded by Datacamp.

Awards and Experience (continued)

- ◇ **Google Cloud Digital Leader Specialization.** Awarded by Google
- 2023 ◇ **Certificate in Developmental Disabilities.** Awarded by Rutgers School of Social Work
- 2024 ◇ **Associate Data Scientist.** Awarded by Datacamp
- ◇ **Data Analytics Professional Specialization.** Awarded by Google
- 2023 ◇ **Applied Data Science with Python.** Awarded by University of Michigan

Research Experience

- 2024–Present ◇ **Simon’s Foundation SURFIN Fellowship - Research Assistant**
Engel Lab, Princeton Neuroscience Institute, Princeton, NJ
 - Conducted in-depth studies on latent circuits in recurrent neural networks
 - Learned to analyze highly complex datasets, model biological functions, and computational neuroscience

- 2024–2025 ◇ **Wilson Center - Junior Researcher Fellow**
Wilson Center, Montclair State University, Montclair, NJ
 - Collaborated with Tokyo University researchers on Bangladesh student protest anthology

- 2024 ◇ **Research Assistant** Kessler Institute, Kessler Foundation, West Orange, NJ
 - Assisted in Neuromuscular and Electrophysiology Laboratory
 - Contributed to research papers and conference presentations
 - Gained proficiency with medical imaging, Python programming, and data analysis

- 2023–Present ◇ **Research Assistant**
Autism and Neurodevelopment Lab, Montclair State University, Montclair, NJ
 - Led EEG and Data Management Team, administering ERP CORE paradigms to children ages 6-18
 - Mastered REDCAP, Curry 7, Presentation software for EEG data processing
 - Certified in TSI, consent procedures, KBIT-2 administration
 - Developed expertise in SRS, SSIS, WHOQOL, ASC-ASD, MASC-2 assessments

- ◇ **Research Assistant**
Project AROS Lab and Wilson Center, Montclair, NJ and Washington, DC
 - Developed virtual study abroad program utilizing challenge-based learning approach
 - Implemented programs adaptable to various internet access capabilities
 - Gained experience in ArcGIS and Python integration

Research Output

Articles and Publications

- P. M. S. Abdullah and M. House, “Legal and institutional barriers to justice and accountability,” *Legal and Institutional Barriers to Justice and Accountability in Change and Justice in Bangladesh*, 2025.

- M. House, “Exploring genetic contributions to autism from 2020 to 2024: A systematic review and meta-analysis of prevention, elimination and environmental influences,” *International Journal of Developmental Neuroscience*, vol. 10, 2024, Manuscript under Review.
- M. House and M. Kelly, “Modern implementations of the dim-mak,” *Death Touch — The Science Behind the Dim Mak*, pp. 127–156, 2010, Original work published 2001.

Conference Proceedings

- W. Bsharat, S. Khawar, M. Cargill, E. Lynch, M. House, and E. Kang, “The impact of autism diagnosis on stigma: Parent-reported autism traits and stigma experiences in underrepresented ethno-racial minority groups,” in *Montclair State University Research Symposium*, Poster Presentation, 2024.
- M. House, “Martial arts as a therapeutic modality for children with autism spectrum disorder: An interdisciplinary approach to improve motor, neurological, and psychosocial outcomes,” in *Association for Behavioral and Cognitive Therapists (ABCT) 58th Annual Conference*, Poster Presentation, 2024.
- M. House, M. Cargill, and E. Kang, “Embracing diversity in autism care: Beyond aba to meet the rising needs,” in *Montclair State University Research Symposium*, 2024.
- E. Lynch, M. House, W. Bsharat, R. G. McDonald, and E. Kang, “The utility of the efct within the autism population,” in *Montclair State University Research Symposium*, Poster Presentation, 2024.
- M. House, “The mechanics of the one-inch punch and chinese dim mak,” in *Shannon Lee’s Bruce Lee Conference*, Oral Presentation, Marina Del Rey, CA, 2017.
- M. House, “Martial arts for everyone: Implementing inclusive teaching and school practices for your dojo,” in *Shannon Lee’s Bruce Lee Conference*, Oral Presentation, Marina Del Rey, CA, 2015.

Professional Experience

2024–Present ◇ CEO IMAF and H Consulting, New York, NY

- Established 501c3 non-profit organization developing interventions and inclusion initiatives
- Leading ER2 program grant proposals for ethical research initiatives
- Organizing advocacy events and local fundraisers for community engagement

2018–Present ◇ Fight Consultant & Talent Trainer Disney Productions, New York, NY

- Assist fight choreography and training for major New York productions including Moon Knight and Daredevil
- Train actors in martial arts techniques, weapon handling, and combat sequences
- Design and implement complex fight scenes involving various martial arts styles and weapons

2013–2018 ◇ Fight Consultant & Actor Trainer ABC Productions/Netflix, New York, NY

- Designed and choreographed fight sequences for television productions
- Trained actors in martial arts techniques and weapon handling
- Collaborated with technical teams on combat scene implementation

