

Kate NEUR-BC

1000 Note Road #111 • Bloomsburg, NY 17815 • 570-800-0000 • kateneur-bc@gmail.com

EDUCATION

University of Maryland (UMD), College Park, MD

Anticipated: May 20XX

Bachelor of Science in Neuroscience, *Concentration: Behavioral and Cognitive*

GPA: 3.60

Highlighted UMD Coursework/Projects:

Research Methods in Psychology: Researched social phobia utilizing experimental designs. Generated and conducted online surveys, with Qualtrics XM, to collect data on social phobia in a local sample. Analyzed quantitative and qualitative survey data with statistical software, JAMOVI. Inspected, organized, and visualized data with Microsoft Excel. Synthesized results to write APA style research reports on Microsoft Word.

Data Science for Psychology and Neuroscience: Developed a program, in R, to statistically analyze data from memory and benzodiazepine research. Visualized statistical analysis results with R data visualization package, ggplot2. Used Microsoft Word to write APA style statistical analysis reports.

The Origin and Evolution of Nervous Systems: Developed an APA style focused-topic review from scientific results found through reading and interpreting of peer reviewed journal articles.

EXPERIENCE

Research Assistant, Electroencephalogram Lab- UMD, College Park, MD

January 20XX - Present

- Assist in all aspects of data collection for patients undergoing electroencephalogram scanning in an effort to investigate a neurological semantic biomarker for Alzheimer's Disease
- Attend weekly seminars to master the MATLAB software used in data analyses and contribute to the discussion
- Presented a research poster at the UMD Neuroscience Research Fair to over 40 attendees

Ambassador, College for Computer, Math, and Natural Sciences- UMD, College Park, MD

March 20XX - Present

- Chosen to represent the College at events and information sessions
- Communicate with prospective students while acting as a liaison between the students and the college, advocating sciences for the university including the neuroscience major.

Research Assistant, Fluency Bank- UMD, College Park, MD

August - December 20XX

- Utilized computerized language analysis software to track and code the spoken disfluencies of children
- Worked closely under the supervision of Dr. Nan Bernstein Ratner in the Department of Hearing and Speech Sciences working on the Fluency Bank project

CLINICAL EXPERIENCE

Volunteer, University of Maryland Shock Trauma, Baltimore, MD

November 20XX - Present

- Restock Trauma Resuscitation Unit and Helipad, transport specimens to labs and blood to and from blood bank
- Assist in transporting patients and maintain the Utility room, Ambulance bay, and Helipad bunker

Physician Shadow, LifeBridge Health, Baltimore, MD

August - December 20XX

- Shadowed Dr. Ross, M.D and observed office visits with patients predominantly geriatric

SKILLS | CERTIFICATIONS

Software: R, Python, PostgreSQL, MATLAB, JAMOVI, Qualtrics XM, LabChart Reader; Microsoft Office (Excel, PowerPoint, & Word)

Laboratory: Protein Assays, Pipetting, Brain Slicing, Brain Tissue Processing, Spectrophotometry, NMR & IR, Spectroscopy, Assays, Gel Electrophoresis, BLAST database

Certifications/Honors: Nu Rho Psi Neuroscience Honor Society; CITI Social and Behavioral Research Certification; Medication Administration Certification