

John Brock Heller

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📖 Education

Alabama College of Osteopathic Medicine

Doctor of Osteopathic Medicine (D.O.), Medicine, 2015

Grade: Incomplete

Activities and Societies: Neurology & Psychiatry Student

Interest Group

Georgia State University

Bachelor of Science (B.S.), Neuroscience, 2010 – 2014

Grade: Cum Laude

Activities and Societies: Collegiate Neuroscience Society, Nu Rho Psi Honor Society (Chartered)

🏢 Experience

Peer Leader (Organic Chemistry) at Georgia State University Department of Chemistry

August 2014 – December 2014 (5 months)

✓ Produced and presented organic chemistry tutoring sessions in a cooperative learning environment as part of required attendance for undergraduate students.

✓ Improved leadership skills and learning outcomes in cooperative learning environments by taking part in professional workshops.

Science Outreach Intern at Atlanta Public Schools

January 2014 – April 2014 (4 months)

✓ Formed short lessons on math, life science, and astronomy as well as spoke publicly to promote student interest in STEM (science, technology, engineering, and mathematics) disciplines.

✓ Mentored potential STEM students on career options and opportunities for educational advancement.

Research Assistant (Neuropsychology) at Georgia State University Department of Psychology

February 2012 – August 2012 (7 months)

✓ Established insights from SPSS software and data analysis of neuropsychological tests along with other psychological, medical, and demographic data under HIPAA compliance.

✓ Assembled a novel Microsoft Excel template to increase neuropsychological test scoring productivity and reduce scoring errors.

🔧 Skills & Expertise

Communication, Neuroscience, Research, Tutoring, Scientific Writing, Data Analysis, Leadership, Medicine, Public Speaking, Outreach, Presentation, Mentoring, SPSS, Microsoft Office, Microsoft Excel, CSS, HTML, SQL, HIPAA

🏠 Projects

Regulation of Dominance Behavior in Crayfish by 5-HT (Serotonin) and 5,7-DHT (Serotonergic Neurotoxin)

August 2013 – December 2013 (5 months)

✓ Compiled an ethogram, performed western blot/gel electrophoresis, and assisted in preparing a pharmacological intervention.

✓ Carried out data analysis and communicated findings in a poster presentation to attendees at Georgia State University.

👥 Volunteer Experience

Student Judge at City Schools of Decatur

September 2013 - Present (2 years 6 months)

✓ Assisted in the judging of science bowl contests.

🗣 Languages

English (Native proficiency)

🏆 Honors and Awards

Helping Outstanding Pupils Educationally (HOPE) Scholarship

January 2012 – December 2014 (1 year 11 months)

Georgia Student Finance Commission

Dean's List

Georgia State University College of Arts & Sciences

👍 Interests

Swimming, running, biking, hiking, digital media, weightlifting, technology, healthcare policy, education policy, philosophy of mind, sociology, HTML, CSS, SQL

★ Certifications

Collaborative Institutional Training Initiative at University of Miami, 2012 – 2015 (3 years)

Human Subjects Research

License Completion Report #7531171

Responsible Conduct of Research (Biomedical)

License Completion Report #7531172

Responsible Conduct of Research (Social and Behavioral)

License Completion Report #7531173

📅 Courses

Georgia State University

Statistics, Research Design & Analysis, Biology, Organic & Inorganic Chemistry, Neuroscience, Calculus, Physics, Psychology, Scientific Writing

Alabama College of Osteopathic Medicine

Molecular Medicine (Biochemistry, Immunology, and Genetics), Anatomical Sciences, Primary Clinical Skills, Foundations of Modern Healthcare (Epidemiology, Biostatistics, Medical Ethics)