

## 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, HTML, CSS, SQL, HIPAA, Github

### 🏠 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)