

Leigh Alexander Andrews

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Education

Bowdoin College, Brunswick, ME

Bachelor of Arts, Neuroscience and Russian. *Cum Laude* May 2015. GPA 3.80. GRE-V 170. GRE-Q 164.

Relevant coursework: Clinical Psychology, Lab in Behavioral Neuroscience, Lab in Cognitive Neuroscience, Cognitive Neuroscience of Memory, Introduction to the Brain and Behavior, Data Analysis, Biomathematics, Directing.

Awards: Sarah and James Bowdoin Scholar, Russian Award, Paller Fellowship, Grua/O'Connell Award

Research Experience

Bowdoin College Neuroscience Department Brunswick, ME

June 2014 - Present

Honors Student Researcher

- Designed an independent study to explore interactions between attention and memory in human subjects, organized and ran said study, and advertised, recruited, and scheduled subjects
- Processed and analyzed the EEG and behavioral data to find components related to attention and memory and explore the interactions between the two
- Trained incoming student researchers and helped establish another student's honor's thesis.

Positive Psychology Center at UPenn (Duckworth Lab) Philadelphia, PA

Winter 2014-15

Winter Intern

- Coded subject responses for studies on self-control and reworked the coding manual for future studies
- Created and edited figures for a paper submitted for publication at the end of January
- Independently analyzed data and submitted a poster for presentation at the APS conference in May

NYU Center for Neural Science NYC, NY

Summer 2013

Student Researcher

- Performed behavioral studies on rats to study threat aversive (fear) memory
- Tested various pharmaceutical substances searching for a treatment for a PTSD analogue in rats
- Attended internal lab meetings and discussed research progress and possible new studies

Centre for Cognitive Neuroscience Philadelphia, PA

Summer 2012

Research Intern

- Researched prospective subjects through UPenn Database then contacted and scheduled them for the study
 - Screened subjects (stroke patients) for the tDCS study of hemisphere neglect
 - Observed tDCS studies and designed screening and test procedures
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Additional Experience

Bowdoin College Brunswick, ME

Present

America Reads and Counts Tutor

- Prepared short lesson plans and tutored 3rd and 4th grade students in a variety of local schools in mathematics and reading through U.S government sponsored program

Bowdoin College Russian and Romance Languages Department Brunswick, ME

September 2012 - Present

Office Assistant

- General office duties: copying, scanning, faxing, coordinating with library etc.
 - Introducing professorial candidates to Bowdoin and assisting them while they are on campus
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Volunteer Experience

US Senator Arlen Specter's Office Philadelphia, PA

January 2010

Office Intern

- Worked phones and liaised with constituents by phone, letter, and email
 - Assisting veterans with navigating paperwork and applying for benefits through the Senator's office
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Relevant Skills

Laboratory Skills: Running EEG, statistical analysis, scientific writing, patient screening, behavioral research (with rats) and husbandry, cell culturing, PCR.

Computer Skills: SPSS, E-Studio, Brainvision Analyzer, Pycorder, MEGA 5, Adobe Photoshop, Qualtrics, HTML (beginner) and Microsoft Office.

Language Skills: Conversational in Russian and Spanish.

Campus Leadership

Masque and Gown Brunswick, ME

Fall 2011-Present

Freshmen Representative, Vice President, Junior Rep., Senior Rep

- Moderated board meetings and led small sub committees to implement various theatrical events
- Maintained and organized the archives

Additional Activities: Hillel, BQSA Out Allies, various plays (as an actor, designer, and member of the crew)

Scientific Poster Presentations

Loboda, K., Andrews, L., Matteucci, A.J., White, R.E., Duckworth, A.L. Superior Self-Control Strategies Give Girls the Academic Edge: Gender, GPA, and IQ. Presented at the Association for Psychological Science Conference in NYC., May 2015.

Andrews, L., MacDonald, J. M., Markant, J., Nyhus, E. Selective Attention and Memory: Event Related Potentials and the IOR Effect. Presented at the Cognitive Neuroscience Conference in San Francisco., March 2015.

Andrews, L., MacDonald, J. M., Markant, J., Nyhus, E. Selective Attention and Memory: Event Related Potentials and the IOR Effect. Presented at the Society for Neuroscience Conference in Washington DC., November 2014.

Andrews, L., MacDonald, J. M., Markant, J., Nyhus, E. Selective Attention and Memory: Event Related Potentials and the IOR Effect. Presented at the annual Presidential Science Symposium at Bowdoin College, October 2014.