

Anastassia Sorokina

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EDUCATION

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Bachelor of Science in Molecular and Cellular Biology & Psychology
Certificate in Neuroscience and Undergraduate Research
Concentration in Behavioral Neuroscience
Dean's List

Expected Graduation: May 2018

GPA: 3.58/4.00

Fall 2014

NEUQUA VALLEY HIGH SCHOOL

Illinois State Scholar
Indian Prairie Scholar
Top 30 Award in Life Sciences
Cum Laude

Graduated May 2014

GPA: 4.14/4.00

PUBLISHED MANUSCRIPTS

Majdak P, Grogan EL, Gogola JV, **Sorokina A**, Tse S, Rhodes JS (2016) The impact of maternal neglect on genetic hyperactivity. *Behavioural brain research* 313:282-292.

Majdak P, Ossyra JR, Ossyra JM, Cobert AJ, Hofmann GC, Tse S, Panozzo B, Grogan EL, **Sorokina A**, Rhodes JS (2016) A new mouse model of ADHD for medication development. *Scientific reports* 6:39472.

CONFERENCE ABSTRACTS

Sorokina A, Saul M, Majdak P, Gogola JV, Rhodes JS. Striatal transcriptome of mice selectively bred for increased physical activity provides novel insights into the molecular etiology of Attention Deficit Hyperactivity Disorder. *Presented at the poster session for the Chicago Chapter of the Society for Neuroscience on 3/31/2017*

AWARDS

MCB SROP AWARD

The School of Molecular and Cellular Biology Summer Research Opportunity Award.
\$2,500 merit-based award intended to provide funding for summer research that will contribute to a senior thesis.

May 2017

ERIK HAFERKAMP AWARD FOR UNDERGRADUATE RESEARCH

\$3,000 merit-based award for students conducting neuroscience research at the Beckman Institute for Advanced Science and Technology.

May 2017

SKILLS

LANGUAGES: English (native), Russian (native), French (professional working proficiency)

PROGRAMMING LANGUAGES: Java (intermediate), PHP, HTML5, CSS, R, ColdFusion, Fortran 95 (working proficiency)

TECHNICAL SKILLS: MS Office (advanced), AxioVision, TopScan, ImageJ, Adobe Photoshop, Adobe Animate (intermediate)

LAB SKILLS: Immunohistochemistry, Mouse Handling, PCR, Cryostat Sectioning, Confocal Microscopy

EXPERIENCE

BECKMAN INSTITUTE

Urbana, IL

The Rhodes' Laboratory – Research Assistant, Project Leader

March 2015 - Present

- Experience in individual and group capacities as a member of a 20+ person lab moving research projects forward.
- Independently work as a project leader doing bioinformatics and genetic research on a mouse model for attention deficit hyperactivity disorder (ADHD), and guide other undergraduates who are on my team.
- Worked directly with a graduate student and helped work with a multi-generational selectively bred mouse line used to model attention deficit hyperactivity disorder (ADHD).
- Actively participate in community outreach events as a representative of the lab, including Beckman Institute open house and Orpheum Children's Museum Brain Awareness Day.
- Became well-versed in safety procedures and solution preparation for both stock and communal use.
- Worked directly with graduate students to become efficient in many aspects of research, from brain dissection and preservation to sectioning using a Cryostat, as well as various IHC procedures and imaging identification.
- Became proficient in handling, restraining, weaning, and injecting mice, and trained new undergraduate research assistants.

EXERCISE NEUROSCIENCE RESEARCH LABORATORY

Urbana, IL

Research Assistant

December 2014 - June 2015

- Worked closely with a graduate student in Dr. Lara Pilutti's lab, assisting with the research of exercise intervention in patients with advanced cases of multiple sclerosis.
- Established rapport with patients who came in, and helped them feel at ease throughout the duration of their visits.
- Became proficient in giving cognitive and physical tests, helped and observed the muscular imaging process.
- Became proficient in using and setting up exercise machinery that was needed to establish physical abilities of the patients.

UNIVERSITY OF ILLINOIS EXTENSION

Urbana, IL

Web Developer

March 2017 - Present

- Developed a script for form processing for the Illinois-Indiana Sea Grant donations page.
- Work with a team of highly skilled web developers, developing and troubleshooting websites for the University of Illinois Extension program.
- Proficiently use PHP, HTML, CSS, and ColdFusion on a daily basis in order to update, troubleshoot, and integrate websites and features.
- Creatively use Adobe Photoshop and Animate on a professional level.

THE BREAD COMPANY ON GOODWIN

Urbana, IL

Line Cook, Kitchen Manager

August 2014 – June 2016

- Worked as both an individual and as part of a team of line cooks, servers, and hosts in order to make the restaurant run smoothly.
- Maintained high quality service during fast-paced, high stress situations.
- Had personal recipes included on the menu on a regular basis.
- Worked as both manager and head chef on multiple occasions, as well as carried out and assisted with stock orders and trained new workers on all aspects of the job.