

Elena Kleinhenz

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EDUCATION

State University of New York at Geneseo, Geneseo, NY

Bachelor of Science, expected May 2019

Dual Major: Biology and Spanish

GPA:3.87

HONORS AND AWARD

- Golden Key International Honor Society Member
- Phi Beta Kappa Member
- TriBeta Member
- Phi Eta Sigma Member
- Dean's List President's List
- STEM Incentive Program Recipient
- Phi Sigma Iota Member

RELATED COURSES

- Genetics
- Cell Biology
- Biology of Cancer
- Biochemistry
- Microbiology
- Electron Microscopy

RESEARCH EXPERIENCE

Determining the developmental relevance of Neurod4 in Zebrafish at SUNY Geneseo

- January 2017-present under Dr. TJ Bailey
- Feeding and Caring(Mating habits) for Zebrafish
- Visualizing Expression Patterns of Neurod4 and employing morpholinos

Assessing the behavioral effects of Non-functional *Draxin* and therefore, a severely diminished Hippocampal Commissure and Corpus Callosum in knockout mice at Wadsworth Center

- May 2017-August 2017
- Analyzing the behavioral effect of diminished HC/CC under Dr. Valerie Bolivar
- Determining the kinesiological phenotypes of diminished HC/CC during seizures under Dr. Bruce Herron

LAB SKILLS

- Micropipetting
- Cutting/Staining Brains
- Gel Electrophoresis
- Behavioral Assays: Novel Object Recognition Test and Rotorrod
- EM specimen preparation
- Antibody Staining
- Cryosectioning

ADDITIONAL EXPERIENCE

Teresa House-Geneseo, NY- *Volunteer*- January 2016-present

- Assisted terminally-ill patients with basic physical, emotional, and spiritual needs

Center for Disability Services-Albany,NY -May 2015-present- *Relief Skills Specialist*

- Assist individuals with developmental disabilities at a Dayhab program

Alpha Phi Omega -*Brother and Scouting Representative*- January 2017-present

- Service based fraternity
- Integrating the brotherhood with local scout troops