

CLAUDIA LEWIS

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EDUCATION

Northwestern University, Evanston, IL

Ph.D. in Quantitative Genetics, GPA: 3.84/4.00

Expected May 20XX

University of Kentucky, Lexington, KY

B.A. in Biology, Minor in French, GPA: 3.89/4.00

May 2016

Honors: *summa cum laude*, Honors in Biology, Phi Beta Kappa, Presidential Scholarship

RELEVANT LEADERSHIP AND INVOLVEMENT

Founder, Morning Mentors - Evanston, IL

Oct. 2017-Present

- Co-founded a daily tutoring collaboration among 16 graduate students and 25 local middle school students
- Established a partnership with Science in Society to procure program funding and developed relationships with Nichols Middle School administration to ensure continued program buy-in
- Grew program daily appointments 400% and increased mentor enrollment 700% over two years

Coordinator, HerStory - Museum of Science and Industry, Chicago, IL

May 2018-Present

- Coordinated scavenger hunt to encourage female high school students to pursue STEM careers
- Leveraged professional network to procure over \$1000 in goods and monetary donations from company sponsors
- Recruited 40 volunteers and 75 participants, 400% increase from previous years

Mentor, Science Club - Evanston, IL

Oct. 2018-Present

- Co-mentor a cohort of four middle school students weekly through hands-on scientific modules
- Increase literacy in science and mathematics (assessed by Science in Society)

Outreach Chair, Interdisciplinary Biological Sciences - Evanston, IL

Sept. 2019-Present

- Manage outreach via email and social media to communicate volunteer opportunities to organization
- Established an annual symposium to introduce 50 local high school students to graduate-level research

RESEARCH AND TEACHING EXPERIENCE

Graduate Researcher, Northwestern University - Evanston, IL

Sept. 2016-Present

- Perform and analyze drug-response tests to inform cancer treatment (five publications)
- Develop an R package for public use by fellow geneticists (github.com/AndersenLab/linkagemapping)
- Mentor and supervise four undergraduates and one high school student in experimental design and execution

Intern, Tempus Labs - Chicago, IL

Oct. 2019-Jan. 2020

- Designed, executed, and analyzed experiments to optimize product efficiency before launch
- Led members of other departments within R&D through data analysis in R and Excel
- Developed a technical document summarizing project development to inform customer service representatives

Teaching Assistant, Northwestern University - Evanston, IL

Sept. 2018-June 2019

- Coached 117 students across three biology courses and one computational bootcamp
- Delivered presentations and met one-on-one with students, earning a teaching evaluation of 6.0/6.0
- Created innovative review activities (e.g. escape room game for active learning and material review)

SELECT HONORS AND AWARDS

John N. Nicholson Fellowship (\$37,000 over nine months)

Sept. 2019-May 2020

Biotechnology Training Program (\$80,000 over two years)

Sept. 2016-Aug. 2018

IBiS Teaching Award (\$500, 1 award given per year)

Sept. 2018

1st Place Scientific Poster Awards:

21st International *C. elegans* Conference (\$125) - Los Angeles, CA

June 2019

Computational Research Day (\$1,500 travel award)- Evanston, IL

Apr. 2019

NSF Graduate Research Fellowship Program - Honorable Mention (top 30%)

Apr. 2018

COMPUTATIONAL SKILLS

Data Analysis | R | Microsoft Office | GitHub

INTERESTS

Science Advocacy | Outreach | Event Planning