

Amber Chiodini

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SKILLS

- | | | | |
|--------------|--------------------|--------------------|-----------------|
| ❖ HTML/CSS | ❖ JavaScript | ❖ R | ❖ MySQL |
| ❖ Git/GitHub | ❖ Microsoft Office | ❖ Animal Husbandry | ❖ Life Sciences |

RESEARCH

- Modeling frontotemporal lobar degeneration (FTLD) in mice (01/2021 – 05/2022).

PRESENTATION

- A. Chiodini, I. A. Ayala, C. Geula, M.-M. Mesulam, K. Sadleir, R. Vassar. Ubiquitin Immunoreactivity Identifies TDP-43 Inclusions and Marks Cortical Neurons Destined to Degenerate in a Mouse Model of Frontotemporal Lobar Degeneration. Poster presented at 2021 Society for Neuroscience Annual Meeting, November 2021.

PROJECTS

Northwestern University | Chicago, IL

01/2020 - 03/2021

Coding Bootcamp Student

- Group Project - IMOK
<https://github.com/girl-power-5/coffee-and-llamas> | imok-squad.herokuapp.com/
 - Worked with a team to create a MERN stack application that gives the user the ability to let others know their current location when they go out so that if their safety was compromised, someone would be notified.
 - Responsible for building out the database using MongoDB and assisting with deploying the application to Heroku.

PROFESSIONAL EXPERIENCE

Northwestern University | Chicago, IL

05/2022 - Present

Aquatics Technician 2

- Manages fish colony and performs all husbandry duties.
- Responsible for the training and supervision of undergraduate students for fish care.
- Maintains effectiveness and cleanliness of the aquatic housing system by replacing filters and performing water quality tests.
- Reviews and complies with all standard operating procedures and Institutional Animal Care and Use Committee guidelines pertaining to the fish facility.
- Coordinates the acquisition of laboratory supplies.

Northwestern University | Chicago, IL

01/2021 – 05/2022

Research Technologist 1

- Managed mouse colony and performed all husbandry duties.
- Followed predefined protocols, procedures, regulations, Good Clinical and Good Laboratory Practices, and conducted standard and repetitive experiments and completed basic troubleshooting techniques.
- Recorded observations and measurements and collected and compiled data in the research lab.
- Communicated with the lab manager about inventory or mechanical discrepancies within the lab.

VOLUNTEER EXPERIENCE

Zebrafish Rocks! | Remote

07/2022 – Present

Volunteer

- Helping to manage the ZebrafishRock! Twitter page and contributing to the Danio Digest newsletter, which is released on a monthly basis.

EDUCATION

BS Northwestern University | Chicago, IL | Weinberg College
Studying biological sciences.

Anticipated 2023

CERT Northwestern University | Chicago, IL | SPS

03/2021

Completed a certificate program in full stack web development.

CERT	Zebrafish Husbandry Association Online	08/2020
	Obtained a certificate of completion in the Zebrafish Husbandry Education Course	
CERT	American Association for Laboratory Animal Science Proctored Exam	04/2019
	Certified as an Assistant Laboratory Animal Technician.	

Relevant coursework: Health and Colony Management of Laboratory Fish (MDI Biological Laboratory, Salisbury Cove, ME), Data Visualization (Summer 2022).