

Amber Chiodini

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EDUCATION

BS Northwestern University | Chicago, IL | Weinberg College June 2023
Studying biological sciences.

CERTIFICATIONS

CERT American Association for Laboratory Animal Science | Proctored Exam 04/2019
Certified as an Assistant Laboratory Animal Technician.

CERT Zebrafish Husbandry Association | Online 08/2020
Obtained a certificate of completion in the Zebrafish Husbandry Education Course

CERT Northwestern University | Chicago, IL | SPS 03/2021
Completed a certificate program in full stack web development.

SHORT COURSES

Health and Colony Management of Laboratory Fish | Bar Harbor, ME | MDIBL 09/2021

PROFESSIONAL EXPERIENCE

Charles River Laboratories | Chicago, IL 08/2018 – 05/2019

Animal Care Technician 1

- Maintained daily animal records and replaces cages and other equipment in a research setting.
- Followed principal investigator's instructions per special diets or care.
- Conducted a weekly census count for the Procurement, Receiving, and Census staff (PRC).
- Performed euthanasia requests.

Northwestern University | Chicago, IL 05/2019 – 01/2021

Animal Care Technician 2

- Conducts daily health checks and feedings for zebrafish (*Danio Rerio*).
- Maintains effectiveness and cleanliness of the aquatic housing systems by replacing filters and doing water quality tests.
- Performs euthanasia requests.
- Conducts a weekly census count for the Procurement, Receiving, and Census staff (PRC).
- Reviews and complies with all standard operating procedures and Institutional Animal Care and Use Committee guidelines pertaining to the aquatics facility.

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.

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.

GRANTS AND FELLOWSHIPS

PRESENTATIONS

- 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.
- A. Chiodini, I. A. Ayala, K. Sadleir, R. Vassar, H. Dong, M.-M. Mesulam, C. Geula. Strain-dependent Disease Progression in a Conditional Wild-type Human TDP-43 Transgenic Mouse Model. Nanosymposium presentation given at the 2022 Society for Neuroscience Annual Meeting, November 2022.

VOLUNTEER EXPERIENCE**Callitrichid Center** | Omaha, NE

08/2014 – 05/2018

Conservation Care

- Monitored and fed marmoset monkeys and assisted graduate students with their behavioral studies on them.

Peggy Notebaert Nature Museum | Chicago, IL

11/2018 – 08/2019

Conservation Care

- Monitored and fed juvenile Blanding's turtles until they were released into a protected wetland habitat.

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.