

Chris Talbot | Curriculum Vitae

Lab Manager at the University of Michigan, Weber Lab

Chris Talbot

Summary

I'm a first-generation academic

Academic Background

Education

B.S. – Ecology, Evolution, and Biodiversity 2024 *University of Michigan* GPA: 3.7

- Honors Thesis: **Patterns of floral color in communities of common Northeast American wildflowers**
- Honors Thesis Advisor: Marjorie Weber

A.G.S. – Computer Science & Mathematics 2020 *Grand Rapids Community College* GPA: 3.9

Research

Lab Manager – Weber Lab 2023-Present *University of Michigan, Ecology & Evolutionary Biology*

- Project:

Undergraduate Researcher – Weber Lab 2022-2023 *University of Michigan, Ecology & Evolutionary Biology*

- Project:

Undergraduate Researcher – Márquez Lab 2021-2022 *University of Michigan, Ecology & Evolutionary Biology*

- Project:

Teaching and Mentoring

Docent (Volunteer Educator) 2023-Present *Matthaei Botanical Gardens and Nichols Arboretum, Ann Arbor, MI*

Forestry Event Supervisor (Volunteer Test Writer/ Proctor) 2023-Present *University of Michigan Science Olympiad*

Director and Composer of Percussion 2022-2023 *Lake Orion Community Schools, Lake Orion, MI*

Transfer Student Peer Mentor 2022-2023 *University of Michigan-LSA Transfer Bridges to the Humanities Program*

Director and Composer of Percussion 2019-2022 *Spring Lake Public Schools, Spring Lake, MI*

Freelance Percussion Instructor and Composer 2018-2022 *Various local high schools, Michigan*

Professional Peer Tutor – Mathematics and Language Arts Tutoring Labs 2019-2020 *Grand Rapids Community College*

Presentations

Poster: TBD 2024 Botanical Society of America – 2024 Conference

Poster: Patterns of floral color in communities of common Northeast American wildflowers 2024 University of Michigan – Program in Biology – Undergraduate Research Poster Session

Talk: Do flowers of a color bloom together? 2024 University of Michigan – Department of Ecology and Evolutionary Biology

Poster: Optimizing CRISPR-Cas9 genetic modification in *Phylllobates* poison-dart frogs 2022 University of Michigan – Undergraduate Research Opportunity Program – Spring Symposium

Fellowships and Grants

Biological Station Student Fellow 2023 *University of Michigan Biological Station*

Student Research Grant 2022, 2023 *University of Michigan Undergraduate Research Opportunity Program*

Biomedical and Life Sciences Summer Fellow 2022 *University of Michigan Undergraduate Research Opportunity Program*

Community College Summer Institute Fellow 2019 *University of Michigan-School of Information*

Coursework

Honors and Awards

Phi Theta Kappa Honors Society 2019 *Grand Rapids Community College*

President's List 2019 *Grand Rapids Community College*

Professional Background

Skills

Computational

Skill	Proficiency	Skill	Proficiency
R	4/5	Git	2/5
Python	3/5	Latex	2/5
C++	3/5	SQL	2/5
Javascript	2/5	QGIS	1/5

Laboratory & Field

Lab Skills	Field Skills
CRISPR-Cas9 microinjections	Plant identification
PCR	Soil sampling
Amphibian breeding and rearing	Plant propagation and care

Research

- Statistics and probability
- Data analysis and visualization
- Science communication

Professional

- Education and lesson planning
- Organizational administration
- Volunteer coordination
- Event organization

Languages

English – Native **German** – Intermediate (B2) *Reading, Writing, Speaking, and Listening*
Spanish – Basic (A2) *Reading and Writing* **Nishnaabemwin** – Beginner (A1) *Reading and Listening*

Work

Shift Leader – Biggby Coffee 2021-2022 *Grand Rapids, MI*

Seasonal Retail Lead – John Ball Zoo 2019 *Grand Rapids, MI*

Volunteering

Founder, President, and Volunteer 2023-Present *Students for Public Power @UM*

Certifications

Certified Michigan Naturalist 2024 *Michigan State University-College of Agriculture and Natural Resources Extension*

Extracurriculars

Founding Member 2023-Present *University of Michigan Ecological Restoration Club*

Member 2020-2021 *University of Michigan Math Club*

Vice President 2019-2020 *Grand Rapids Community College Programmers*

Ensemble Leader, Section Leader, and Snare Drummer 2014-2020 *Genesis Percussion Ensemble*

References

Available upon request – contact me at chtalbot@umich.edu