Chris Wojan
PhD Student, University of Minnesota - Ecology, Evolution, and Behavior Program

Email: cwojan@gmail.com | wojan002@umn.edu

EDUCATION

PhD in Ecology, Evolution, and Behavior *2021 – present*
University of Minnesota

Master of Science in Biology *2012 - 2014*
New Mexico State University
4.0 out of 4.0 GPA
Specialization in Ecology, Minor in Applied Statistics

Bachelor of Science in Ecology and Environmental Biology *2008 - 2012*
University of Wisconsin-Eau Claire
3.87 out of 4.0 GPA, *summa cum laude*
University Honors Program

PUBLICATIONS

In Preparation

Kendig, A, Adhikari, A, Lane, B, **Wojan, C**, Kortessis, N, Simon, M, Barfield, M, Harmon, P, Holt, R, Clay, K, Goss, E and Flory SL. Effects of disease emergence on invasive grass impacts. To be submitted at *Nature Ecology and Evolution*.

In Review

Lane, B, Kendig, A, **Wojan, C**, Adhikari, A, Jusino, M, Kortessis, N, Simon, M, Holt, R, Smith, M, Clay, K, Flory, SL, Harmon, P, Goss, E. Succession and response to perturbation of the foliar fungal phytobiome of an invasive grass. In review at *Phytobiomes*.

Published

Wojan, C, Thrasher, T, Lacey, E, and Clay, K. (2022) Distribution, Dynamics, and Diversity of Questing Ticks in the Lower Midwest. *Journal of Medical Entomology* 59(1): 273-282.

Wojan C, Knapp S, Mabry K. (2015) Spatial variation in population density affects dispersal behavior in brush mice. *Ecology* 96: 1661-1669.

Wojan C, Devoe A, Merten E, Wellnitz T. (2014) Web-building spider response to a logjam in a northern Minnesota stream. *American Midland Naturalist* 172(1):185-190.

Book Chapters

Kendig A, Flory SL, Goss E, Holt R, Clay K, Harmon P, Lane B, Adhikari A, **Wojan C**. (2020) The Role of Pathogens in Plant Invasions. Anna Traveset and David M. Richardson, editors. *Plant Invasions: The Role of Biotic Interactions.* CAB International Press. Wallingford, UK.

PRESENTATIONS

Poster Presentations

Ecology and Evolution of Infectious Diseases 2022

- "Investigating the interacting influences of individual variation in host space use and environmental parasite spatial arrangement on parasite burdens"

99th Annual Ecological Society of America Meeting

- "Patterns of change in population density experienced by dispersing brush mice (*Peromyscus boylii*)."

97th Annual Ecological Society of America Meeting

- "Do stream logjams influence riparian web spider density and distribution?"
- "Stochastic vs. niche-based processes: What drives lichen community assembly following fire disturbance?"
- "Does elevation modify aquatic export to riparian habitats?"

96th Annual Ecological Society of America Meeting

- "Assembly of lichen communities on rocky shorelines of the north woods."
- "Microhabitat scale influences on benthic macroinvertebrate communities."

Oral Presentations

eeBehavior Group Seminar (Univ. of Minnesota - Ecology, Evolution, and Behavior), Fall 2021

- "Patterns of change in population density experienced by dispersing brush mice (*Peromyscus boylii*)."

Ecolunch Seminar (Indiana University Biology Dept.), Spring 2021

- "Distribution, Dynamics, and Diversity of Questing Ticks in Indiana"

Environmental Resilience Institute 2018 Fall Symposium at Indiana University

- "Project Vector Shield: Establishing a surveillance network to evaluate spatiotemporal patterns in ticks and mosquitoes."

72nd Midwest Fish and Wildlife Conference

- "Riparian spider response to logjam-mediated aquatic insect emergence."

UW-Eau Claire Biological Sciences Seminar Series, Spring 2012

- "Effects of altitude on aquatic/riparian arthropod communities in Andean streams."
- "Fire mediates the importance of stochastic assembly in lichen communities of the BWCAW."

2nd Annual Provost's Honors Symposium at UW-Eau Claire

- "Stochastic vs. niche-based processes: What drives lichen community assembly following fire disturbance?"

FUNDING AND AWARDS

Florence Rothman Research Fellowship ($500), *2022*
- Tick Density and Spatial Arrangement Across a Gradient of Prescribed Fire Frequencies

Bell Museum Natural History Award ($2,500), *2022*
- Tick Density and Spatial Arrangement Across a Gradient of Prescribed Fire Frequencies

University of Minnesota Excellence Fellowship, *2021 - Present*
New Mexico State University Tuition Fellowship, *2012-2014*
University of Wisconsin-Eau Claire Outstanding Senior Award, *2012*
University of Wisconsin-Eau Claire CIE International Fellowship, *2012*
3rd Place – UW-Eau Claire Student Research Day, Earth and Life Sciences, *2011*
Ralph Duxbury Scholarship, UW-Eau Claire Biology Dept., *2011*
Terry Balding Scholarship, UW-Eau Claire Biology Dept., *2011*
UW Eau Claire Office of Research & Sponsored Programs Grants (4), *2010, 2011, 2011, 2012*

PRIOR EXPERIENCE

Research Associate, Indiana University	*February 2018-June 2021*
Lead Temporary Field Technician, NEON, Inc.,	*April 2017-November 2017*
Temporary Field Technician, NEON, Inc.,	*May 2016 – November 2016*
Research Assistant, Jornada Experimental Range,	*June 2014-January 2016*
MS Candidate, New Mexico State University Biology Dept.,	*August 2012-May 2014*
Undergrad Researcher, University of Wisconsin-Eau Claire	*September 2010-August 2012*

MENTORING

Cedar Creek Ecosystem Science Reserve Intern Program Mentor, *2022*
- Effects of weather on tick activity across oak savanna habitats

Summer Scholars Program Mentor, University of Minnesota, *2022*
- Tick-borne disease ecology, advanced data analysis with R

Field Guides Mentor, University of Minnesota, *2022 – Present*
- General academic and career advice

TEACHING

Lab Instructor, New Mexico State University Biology Dept., *2012-2014*

SERVICE AND ORGANIZATION INVOLVEMENT

UMN EEB Friday Noon Seminar Committee, *2021 - Present*
Volunteer Mobile Meals Delivery Person, Wausau, WI *2017*
NMSU Ecology Club, Member *2013 – 2014*
NMSU Student Chapter of the Wildlife Society, Member *2013 - 2014*
Volunteer PetSmart Cat Caretaker, Las Cruces, NM *2012-2013*
NMSU Biology Graduate Student Organization, Member *2012 – 2014*
UW-Eau Claire Reef Team, Member *2010-2012*