

NATHAN I. WISNOSKI

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EDUCATION

Indiana University, Bloomington	2014 – Present
Ph.D in Biology – Evolution, Ecology, and Behavior	
Minor in Environmental Sciences, School of Public and Environmental Affairs	
The University of Texas at Austin	2009 – 2013
B.S. in Biology – Ecology, Evolution, and Behavior	
Minor in Business, McCombs School of Business	

RESEARCH EXPERIENCE

Ph.D. Candidate	August 2014 – Present
Indiana University	<i>Bloomington, IN</i>
Lennon Lab: Microbial Ecology and Evolution	
Field/Lab Technician	Spring 2014
University of Texas	<i>Austin, TX</i>
Hawkes Lab: Microbial Ecology and Biogeochemistry	
Undergraduate Researcher	June 2012 – February 2014
University of Texas	<i>Austin, TX</i>
Leibold Lab: Community and Evolutionary Ecology	

GRANTS

NSF LTER Network Communications Office (NCEAS). *A synthesis to identify how metacommunity dynamics mediate community responses to disturbance across the ecosystems represented in the LTER network.* PI: Sokol ER, co-PIs: Swan CM, **Wisnoski NI**. \$76,000. 2016–2018.

IU Sustainability Research Development Grant. *How does hydrological flow rate alter bioremediation of pesticides at the surface- groundwater interface?.* PI: **Wisnoski NI**. \$5400. 2015.

FELLOWSHIPS AND AWARDS

Travel Award, Association for the Sciences of Limnology and Oceanography. \$606	2018
Travel Award, ESA Microbial Ecology Section. \$600	2017
George W. Brackenridge Fellowship, IU Biology. \$2000	2016
Travel Award, International Society for Microbial Ecology. €300	2016
Travel Award, Honorable Mention, ESA Microbial Ecology Section. \$150	2016
Departmental Research Recruitment Fellowship, IU Biology.	2014

MANUSCRIPTS

Wisnoski NI, Leibold MA, and Lennon JT. In review. *Dormancy in metacommunities*. The American Naturalist.

In preparation:

Wisnoski NI and Lennon JT. In preparation. *Habitat-specific community assembly processes in a dendritic metacommunity*.

Wisnoski NI, Muscarella ME, Larsen ML, and Lennon JT. In preparation. *Dormancy and dispersal across ecosystem boundaries*.

Wisnoski NI and Lennon JT. In preparation. *The contribution of “seed banks” to bacterial community dynamics*.

Sokol ER, **Wisnoski NI**, Swan SM, Andrade R, Bateman H, Castorani MCN, Hope A, Kominoski J, Lamy T, Lany N, Marazzi L, Presley SJ, Rassweiler A, Record S, Willig MR, and Zarnetske PL. In preparation. *The role of long term ecological research programs for testing metacommunity theory and understanding biodiversity patterns*.

Lamy T, **Wisnoski**, Wang S, Andrade R, Blanchard J, Castorani MCN, Compagnoni A, Jantzen B, Hallett L, Lany N, Marazzi L, Record S, Swan CM, Tonkin JD, Voelker N, Zarnetske P, and Sokol ER. In preparation. *The dual dimensions of metacommunity stability*.

INVITED TALKS

Wisnoski NI and Lennon JT. 2018. *Contribution of “seed banks” to bacterioplankton community dynamics*. Society for Freshwater Science Annual Meeting. Detroit, MI.

CONTRIBUTED TALKS AND POSTERS

Wisnoski NI, Muscarella ME, and Lennon JT. 2018. *Dispersal and dormancy across ecosystem boundaries*. Association for the Sciences of Limnology and Oceanography. Victoria, BC, Canada.

Wisnoski NI and Lennon JT. 2017. *Microbial community assembly in dendritic metacommunities*. Annual Meeting of the Ecological Society of America. Portland, OR.

Wisnoski NI and Lennon JT. 2016. *Community assembly processes differ between surface water and sediment-associated communities in stream networks*. Annual Meeting of the Ecological Society of America. Fort Lauderdale, FL.

Wisnoski NI and Lennon JT. 2016. *Local and regional processes in stream microbial community assembly (poster)*. International Symposium on Microbial Ecology (ISME 16). Montreal, QC.

Wisnoski NI, Ward AS, and Lennon JT. 2015. *Bacterial metacommunity structure across a stream network (poster)*. LTER All Scientists Meeting. Estes Park, CO.

TEACHING

Co-Instructor. Quantitative Biodiversity (<https://goo.gl/y4oK7c>). *Indiana University*. Spring 2017.

Associate Instructor. Foundations of Biology: Diversity, Evolution, and Ecology. *Indiana University*. Spring 2016, Fall 2016, Spring 2018.

Associate Instructor. Biology Laboratory. *Indiana University*. Fall 2014, Fall 2017.

Grader. Microbial Ecology. *University of Texas*. Spring 2014.

Teaching Assistant. Biostatistics. *University of Texas*. Spring 2013, Fall 2013.

MENTORSHIP AND SERVICE

Undergraduate STEM Mentor Jan 2015 – Present
Indiana University

Undergraduate Mentees: Luke Pryke, Mollie Carrison

Summer REU Program: Jaylen Beatty, Mary Wallace, SydneyEllen Gooding

High School STEM Mentor Summer 2015 – Present
Jim Holland Summer Scholars Program

High School Mentees: Dakayla Calhoun, Samuel Iwu

High School Riverwatch Sampling Coordinator Summer 2017 – Present
Jim Holland Summer Enrichment Program

Supervised macroinvertebrate sampling activity with high school students to analyze stream quality

EcoLunch Co-Organizer August 2015 – May 2016
Indiana University

Led student research and professional development seminar series

Metacommunity Reading Group Organizer Summer 2015
Indiana University

Organized a graduate reading group on metacommunity ecology

COMPUTATIONAL SKILLS

Scripting python, bash

Analysis R, Mathematica, MATLAB

Productivity L^AT_EX, markdown, git/GitHub, Microsoft Office

PROFESSIONAL SOCIETY MEMBERSHIP

Ecological Society of America

International Society for Microbial Ecology

Association for the Sciences of Limnology and Oceanography

Society for Freshwater Sciences