Nathan I. Wisnoski

Curriculum Vitae

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Education

2014–Present **Ph.D. in Biology**, *Indiana University*, Bloomington.
Evolution, Ecology, and Behavior
Advisor: Jay T. Lennon
Minor: Environmental Sciences

2009–2013 **B.S. in Biology**, *The University of Texas*, Austin.
Ecology, Evolution, and Behavior
Minor: Business, McCombs School of Business

Research Experience

2014–Present **Graduate Researcher**, *Lennon Lab*, Indiana University.

2014 **Field/Lab Technician**, *Hawkes Lab*, University of Texas.

2010–2013 **Undergraduate Researcher**, *Leibold Lab*, University of Texas.

Research Interests

- Community and metacommunity ecology
- Microbial ecology of the hyporheic zone
- Dendritic ecological networks
- Microbial dormancy and seed banks

Posters and Presentations

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

2015 *Using the metacommunity concept to synthesize biodiversity patterns across LTER sites*, Working group participant and presenter. LTER All Scientists Meeting, Estes Park, CO.

Publications

2015 **Wisnoski NI** and JT Lennon. *Book Review: Principles of Microbial Diversity by James W. Brown*. Quarterly Review of Biology (In Review).

Awards

2015 Sustainability Research Development Grant (*$5400*)

2014 Departmental Research Recruitment Fellowship

Service, Teaching, and Mentorship

Service

2015–2016	EcoLunch Co-Chair, Indiana University
2015	Organizer, Metacommunity Reading Group, Indiana University
2014–2015	EcoLunch Committee, Indiana University

Teaching

Fall 2014	Biology Lab, Indiana University. *Associate Instructor.*
Spring 2014	Microbial Ecology, University of Texas. *Grader*
Fall 2013	Biostatistics, University of Texas. *Undergraduate Teaching Assistant*
Spring 2013	Biostatistics, University of Texas. *Undergraduate Teaching Assistant*

Mentorship

2015–Present	Luke Pryke, Indiana University. Luke is investigating the role of microbial dormancy in predator-prey interactions using the model organisms *Bacillus subtilis* and *Tetrahymena thermophila.*
Summer 2015	Dakayla Calhoun, Jim Holland Summer Science Research Program. Dakayla identified changes in resource utilization across a variety of bacterial strains after years of long-term starvation. GitHub repository for the project located at `<https://github.com/LennonLab/SSRP_2015>`

Computer Skills

Scripting	`python`, `bash`
Analysis	R, Mathematica, MATLAB
Productivity	LaTeX, markdown, `git`, Microsoft Office

Professional Societies

- Ecological Society of America (ESA)