

# 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](https://github.com/LennonLab/SSRP_2015)>

## Computer Skills

- Scripting python, bash
- Analysis R, Mathematica, MATLAB
- Productivity L<sup>A</sup>T<sub>E</sub>X, markdown, git, Microsoft Office

## Professional Societies

- Ecological Society of America (ESA)