

# NATHAN I. WISNOSKI

Department of Biology, Indiana University ♦ 1001 E. Third Street, Bloomington, IN 47405  
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## EDUCATION

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

## RESEARCH EXPERIENCE

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

## POSTERS AND PRESENTATIONS

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

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

## FUNDING

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Sustainability Research Development Grant. \$5400	2015
Departmental Research Recruitment Fellowship.	2014

## TEACHING

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<b>Associate Instructor</b> Indiana University Courses Taught: Introductory Biology Lab	August 2014 – Present <i>Bloomington, IN</i>
<b>Grader</b> University of Texas Course: Microbial Ecology	January 2014 – May 2014 <i>Austin, TX</i>
<b>Undergraduate Teaching Associate</b> University of Texas Courses Taught: Biostatistics	January 2013 – December 2013 <i>Austin, TX</i>

## MENTORSHIP AND SERVICE

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### **EcoLunch Co-Organizer**

August 2015 – Present

Indiana University

*Bloomington, IN*

Redesigned and led student-run research and professional development seminar/discussion series for Ecology-focused labs at IU

### **Undergraduate STEM Mentor**

Jan 2015 – Present

Indiana University

*Bloomington, IN*

Undergraduate Mentee: Luke Pryke. Luke is investigating the implications of microbial dormancy in predator-prey interactions using the model organisms *Bacillus subtilis* and *Tetrahymena thermophila*.

### **Metacommunity Discussion Group Leader**

Summer 2015

Indiana University

*Bloomington, IN*

Organized a reading group to discuss theory and applications of the metacommunity framework in ecology

### **High School STEM Mentor**

Summer 2015

Indiana University

*Bloomington, IN*

High School Mentee: Dakayla Calhoun. Through IU's Jim Holland Summer Scholars 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/>

### **EcoLunch Committee**

August 2014 – May 2015

Indiana University

*Bloomington, IN*

Organized student-run research and professional development seminar series

## COMPUTATIONAL SKILLS

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### **Scripting**

python, bash

### **Analysis**

R, Mathematica, MATLAB

### **Productivity**

L<sup>A</sup>T<sub>E</sub>X, markdown, git/GitHub, Microsoft Office

## PROFESSIONAL SOCIETY MEMBERSHIP

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Ecological Society of America (Student Section and Microbial Ecology Section)