

# NATHAN I. WISNOSKI

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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.** 2015. *Stream Microbial Metacommunities*. EcoLunch, Bloomington, IN.

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

**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 Lecture (L111) and Lab (L113)	August 2014 – Present <i>Bloomington, IN</i>
<b>Grader</b> University of Texas Course: Microbial Ecology	January 2014 – May 2014 <i>Austin, TX</i>

**Undergraduate Teaching Assistant**  
University of Texas  
Courses Taught: Biostatistics

January 2013 – December 2013  
*Austin, TX*

## 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 graduate reading group to discuss the theory and applications of the metacommunity concept 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*  
Co-organized the student-run research and professional development seminar series

## COMPUTATIONAL SKILLS

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<b>Scripting</b>	python, bash
<b>Analysis</b>	R, Mathematica, MATLAB
<b>Productivity</b>	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)  
International Society for Microbial Ecology