

# NATHAN I. WISNOSKI

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## EDUCATION

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### 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

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### Ph.D. Candidate

August 2014 – Present

Indiana University

*Bloomington, IN*

Lennon Lab: Microbial Ecology and Evolution

### Field/Lab Technician

Spring 2014

University of Texas

*Austin, TX*

Hawkes Lab: Microbial Ecology and Biogeochemistry

### Undergraduate Researcher

June 2012 – February 2014

University of Texas

*Austin, TX*

Leibold Lab: Community and Evolutionary Ecology

## GRANTS

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NSF LTER Network Communications Office (NCEAS). *LTER Metacommunities*. PI: Eric R. Sokol, co-PIs: Christopher M. Swan, **Nathan I. Wisnoski**. \$76,000. 2016–2018.

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

## FELLOWSHIPS AND AWARDS

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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

## CONTRIBUTED TALKS AND POSTERS

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

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

## TEACHING

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**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.

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

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

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

## MENTORSHIP AND SERVICE

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**Undergraduate STEM Mentor** Jan 2015 – Present  
Indiana University

Undergraduate Mentees: Luke Pryke, Mollie Carrison

Summer REU Program: Jaylen Beatty.

**High School STEM Mentor** Summer 2015, 2016

Indiana University Jim Holland Summer Scholars Program

High School Mentees: Dakayla Calhoun, Samuel Iwu.

**EcoLunch Co-Organizer** August 2015 – May 2016

Indiana University

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

**Metacommunity Discussion Group Leader** Summer 2015

Indiana University

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

**EcoLunch Committee** August 2014 – May 2015

Indiana University

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  
International Society for Microbial Ecology