

# Matthew J. Michalska-Smith

450 N Austin Ave. Apt. 3S – Oak Park, IL 60302

☎ (651) 321-3005 • ✉ mjsmith037@gmail.com • 📺 mjsmith037

## Education

**University of Chicago, Chicago, IL**

*Ph.D., Ecology & Evolution*

Since 2013

**University of Notre Dame, Notre Dame, IN**

*B.S., Biological Sciences and Theology*

2008-12

## Work Experience

### Research.....

#### Laboratory Technician

*University of Chicago, Dept. Ecology & Evolution, Allesina Lab*

2012-13

- Theoretical ecology with an emphasis on networks

#### Undergraduate Researcher

*University of Notre Dame, Dept. Biological Sciences, Ridenhour Lab*

2011-12

- Ecology and evolution of infectious disease
- Independent research topic: Influenza dynamics at Notre Dame

#### Practicum in Field Environmental Biology

*U. Notre Dame, PI: Ashley Baldrige, PhD Candidate, Lodge Lab*

Summer 2010

- Modules on Herpetology, Ornithology/Mammalogy, Entomology, Aquatic- and Forest Ecology
- Independent research topic: Intraspecific shelter competition among crayfish

### Other Work.....

#### Teaching Assistant

*U. Chicago, Biological Sciences Collegiate Division*

Winter 2014, 2015; Summer 2015

- Introduction to Scientific Computing
- Ecology & Evolution Laboratory
- QBIO: quantitative biology workshop

#### Undergraduate Teaching Assistant

*U. Notre Dame, Dept. Biological Sciences*

Spring 2012

- Mammalogy Laboratory course with focus on specimen identification and anatomy

#### Laboratory Assistant

*U. Notre Dame, Dept. Biological Sciences*

Fall 2009, Summer 2011

- Tank Lab: Stream Ecology and Biogeochemistry
- Pfrender Lab: Ecological Genomics, Adaptation in Natural Populations, Plasticity

#### Single/Group Tutor

*U. Notre Dame, Academic Services for Student Athletes*

2008-11

- Tutored Notre Dame students in Calculus through basic multivariate

## Publications & Presentations

---

Posters & Presentations.....

### **Ecological Society of America Annual Meeting: Theoretical Ecology Session**

*Baltimore, MD USA*

*12 August 2015*

- Presentation: Looking locally to see globally

### **ACS International Center Webinar Series**

<http://www.acs.org/content/acs/en/global/international-center.html>

*25 February 2015*

- Webinar: Global Scientific Collaboration: Key to Scientific Success

### **Undergraduate Scholars Conference, College of Science Joint Annual Meeting**

*Notre Dame, IN USA*

*4 May 2012*

- Poster: Modeling Seasonal Influenza in Indiana with an Age-Stratified SEIR Model

### **ICTP-SAIR School on Pathogen Dynamics, Climate and Global Change**

*IFT-UNESP, São Paulo, Brazil*

*21 January 2015*

- Presentation: The Scientific Impact of Nations: Journal Placement and Citation Performance

## Honors & Awards

---

**2015:** NSF Graduate Research Fellowship Program Honorable Mention

**2015-2018:** Department of Education Graduate Assistance in Areas of National Need (GAANN) Fellow

## Schools & Meetings

---

### **Ecological Society of America Annual Meeting**

*Baltimore, MD USA*

*9-14 August 2015*

### **ICTP-SAIR School on Pathogen Dynamics, Climate and Global Change**

*IFT-UNESP, São Paulo, Brazil*

*12-23 January 2015*

### **Non-adaptive selection: explaining macroscopic laws in ecology and evolution**

*EPFL CIB, Lausanne, Switzerland*

*7-11 July 2014*

## Peer-Reviewing

---

- Oikos
- Ecology
- Environmental Modelling & Software
- BioScience
- PLOS Computational Biology
- PLOS ONE
- Journal of Forestry Research