

# Samantha DelSerra

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140 Gortner Laboratory, 1479 Gortner Avenue , St. Paul, MN 55108  
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## Education

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**University of Minnesota**, St. Paul, MN PhD Student, 2014 – present  
Department of Ecology, Evolution and Behavior  
Advisors: Ruth Shaw and Peter Tiffin

**Stony Brook University**, Stony Brook, NY Master of Arts, Dec 2013  
Department of Ecology and Evolution  
Concentration: Applied Evolution  
Advisor: Dr. Liliana Dávalos  
Master's Thesis: Natural selection determines palate shape and development constrains palate dimensions in New World leaf-nosed bats

**Macalester College**, Saint Paul, MN Bachelor of Arts, May 2012  
Major: Biology, Minor: Classical Languages  
Capstone Thesis: Identification of unknown juvenile mussels naturally infesting *Sander canadensis*

## Publications and Presentations

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DelSerra, S. A., Dumont, E. R., Sears, K., and Dávalos, L. M. Natural selection determines palate shape and development constrains palate dimensions in New World leaf-nosed bats. *In preparation for Functional Ecology.*

DelSerra, S. A., Dumont, E. R., Sears, K., and Dávalos, L. M. (2015). Natural selection determines palate shape and development constrains palate dimensions in New World leaf-nosed bats. American Society of Mammalogists Annual Meeting, Jacksonville, FL. Oral presentation.

DelSerra, S. A., White, M. E., Davies, M. P., Liu, H., Hove, M. C., and Boyer, S. L. (2011) Identification of Unionid Mussels Naturally Infesting Sauger (*Sander canadensis*). St. Croix River Research Rendezvous, Marine-on-St.-Croix, MN. Poster presentation.

## Fellowships and Grants

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**Zoological Society Summer 2015 Fellowship** 2015  
Bell Museum of Natural History (\$5,760)

**Grant-In-Aid of Research** 2015  
American Society of Mammalogists (\$1,500)

**Travel Award** 2015  
American Society of Mammalogists (\$300)

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## Professional Memberships

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American Society of Mammalogists 2015 – 2016  
Society for the Study of Evolution 2015 – present

## Teaching, Research, and Mentoring Experience

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**Macalester College**, St. Paul, MN Dec 2015 – present  
*Panelist and Mentor*  
Women in Science and Math Club/Biology Department

**University of Minnesota**, St. Paul, MN Aug 2015 – May 2016  
*Curatorial Assistant, Bell Museum of Natural History*  
Mammal Collections

**University of Minnesota**, St. Paul, MN Aug 2014 – Dec 2014  
*Teaching Assistant, Undergraduate Biology Department*  
Foundations of Biology Research Laboratory

**Stony Brook University**, Stony Brook, NY May 2013 – May 2014  
*Adjunct Faculty Instructor, Undergraduate Biology Department*  
Fundamentals of Scientific Inquiry in the Biological Sciences I & II; Chordate Zoology

**Stony Brook University**, Stony Brook, NY Dec 2012 – Dec 2013  
*Graduate Student , Dr. Liliana Davalos*

**Macalester College**, Saint Paul, MN May 2011– Aug 2012  
*Research Assistant, Dr. Sarah Boyer*

**Macalester College**, Saint Paul, MN Sept 2010 – Dec 2011  
*Teaching Assistant, Biology Department*  
Genetics; Biodiversity and Evolution

## Institutional Service

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**President**, EEB Graduate Student Body, UMN 2015 – 2016  
**Co-Founder**, EEB Graduate Student Support Group, UMN 2015 – present  
**Member**, Council of Graduate Students Mental Health Committee 2015 – present  
**Member**, EEB Social Gatherings Committee 2014 – 2015