

TYLER EVAN SCHARTEL

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Education

2010 M.S. in Zoology, Southern Illinois University at Carbondale, Carbondale, IL.

2007 B.S. in Biology, Ursinus College, Collegeville, PA.

Professional Experience

- 8/2010 – present **Graduate Teaching Assistant.** Mississippi State University, Mississippi State, MS.
- Anatomy and Physiology, Biology I and II, Ecology, and Biostatistics and Experimental Design
- 6/2008 – 5/2010 **Graduate Research Assistant.** Southern Illinois University at Carbondale, Carbondale, IL.
- Predator Hotspots project, PI: Eric Schaubert
 - Influence of alternative food sources on small-mammal space use and incidental prey consumption
- 8/2006 – 5/2007 **Honors Researcher.** Ursinus College, Collegeville, PA.
- Forest fragmentation and *P. leucopus* space use
- 5/2006 – 8/2006 **Biology Summer Fellow.** Ursinus College, Collegeville, PA.
- Forest fragmentation and *P. leucopus* space use
- 1/2005 – 5/2006 **Biology Research Assistant.** Ursinus College, Collegeville, PA.
- Forest fragmentation and *P. leucopus* space use

Peer-reviewed Publications

Schartel, T.E., T.D. Marsico and C.P. Brooks. *Accepted.* First records of the parasitoid *Temelucha sinuata* Cushman (Hymenoptera: Ichneumonidae) in Mississippi and Florida, USA. Entomological News.

Presentations at Professional Conferences (Presenter in bold)

- Schartel, T.E.** and C.P. Brooks. 2012. Modeling the realized niche: predictive models of resource quality for invasive, oligophagous consumers. Presented at Entomological Society of America annual meeting, November 11-14, Knoxville, TN.
- Schartel, T.E.** and E.M. Schaubert. 2011. The influence of abundant, alternative food on small-mammal space use and consumption of incidental prey items. Presented at Southeastern Ecology and Evolution Conference, March 25-27, Auburn University, Auburn, AL.
- Schartel, T. E.**, E. M. Schaubert, T. P. Campbell, B. J. Goodwin, R. S. Ostfeld, and C. G. Jones. 2010. Quantifying and manipulating spatiotemporal variation in risk to prey of small mammals. Presented at Ecological Society of America annual meeting, August 1-6, Pittsburgh, PA.
- Schartel, T. E.**, and E. M. Schaubert. 2009. Spatial variation in small mammal activity. Presented at the 70th Midwest Fish and Wildlife Conference, December 6-9, Springfield, IL.
- Schartel, T. E.**, and E. M. Dawley. 2007. Forest fragmentation: Effects on a population of *Peromyscus leucopus*. Presented at Pennsylvania Academy of Sciences annual meeting, March 31-April 1, Monroeville, PA.

Teaching Experience

Courses as Teaching Assistant

- Biostatistics and Experimental Design, 2 semesters (online delivery, graduate course)
- Ecology, 2 semesters (junior-level undergraduate course)
- Biology II, 10 sections (freshman/sophomore-level undergraduate course)
- Biology I, 2 sections (freshman/sophomore-level undergraduate course)
- Anatomy and Physiology, 1 section (freshman/sophomore-level undergraduate course)

Professional Memberships

- Entomological Society of America