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## EDUCATION

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### Ph.D. Entomology, in progress

University of Arkansas, Fayetteville, Ark., Doctoral Academy Fellow

Major Adviser: Dr. Ashley Dowling

Dissertation: Systematics of *Torrenticola* (Parasitengona: Torrenticolidae)

### M.S. Entomology, 2009

University of Kentucky, Lexington, Ky.

Major Adviser: Dr. Mike Sharkey

Thesis: Systematics of ichneutine parasitic wasps (Hymenoptera: Braconidae)

### Postbac. Zoology, 2004-2006

Auburn University, Auburn, Ala.

### B.S. Zoology, 2004

Auburn University, Auburn, Ala.

## RESEARCH INTERESTS

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- Systematics of Parasitengona (velvet & water mites)
- Biogeography and diversity of the U.S. Interior Highlands and southern Appalachians
- Modern methods of taxonomy such as web-based taxonomy, digital illustration, and imaging

## RESEARCH PROPOSALS

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The Lewis and Clark Fund for Exploration and Field Research

## PUBLICATIONS

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**Fisher JR**, Skvarla MJ, Bauchan GR, Ochoa R (2011) *Trachymolgus purpureus* sp. n., an armored snout mite (Acari, Bdellidae) from the Ozark highlands: morphology, development, and key to *Trachymolgus* Berlese. *ZooKeys* 125: 1-34.

Skvarla MJ, **Fisher JR**, Dowling APG (2011) A new species of *Neoscirula* (Acari: Cunaxidae: Coleoscirinae) from the Ozark Highlands (USA), with notes on biogeography and modern taxonomy. *Acarologia* (in press).

Johansen KJ, Sharkey MJ, **Fisher JR** (2010) Molecular evidence from a parasitoid wasp, *Schlettererius cinctipes* (Hymenoptera: Stephanidae), for a North American West-to-East transcontinental conduit for wood-boring insects. *Annals of the Entomological Society of America*, 103: 548-554.

**Fisher JR**, Dowling APG (2010) Modern methods and technology for doing classical taxonomy. *Acarologia*, 50: 395-409.

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**PRESENTATIONS**

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- Fisher JR** (2011) Systematics of Erythraeina. University of Arkansas, Department of Entomology
- Fisher JR, Dowling APG** (2011) *Trachymolgus* Berlese (Acari: Bdellidae), the unusual purple tank, with notes on biogeography and taxonomic attractiveness. Southeastern Branch of the Entomological Society of America Annual Meeting, San Juan, P.R.
- Fisher JR, Dowling APG** (2010) Velvet mites of the Ozarks and Cybertaxonomy. Entomological Society of America Annual Meeting, San Diego, Calif.
- Fisher JR** [Invited talk] (2009) Dobzhansky's hammer: adding context to the 'phone book.' Entomological Society of America Annual Meeting, Indianapolis, Ind.
- Fisher JR, Dowling APG** (2009) Digital illustration: novel techniques for species descriptions. Entomological Society of America Annual Meeting, Indianapolis, Ind.
- Fisher JR** (2008) A Generic Revision of Ichneutine Wasps (Hymenoptera: Braconidae). Entomological Society of America, Annual Meeting, Reno, Nev.
- Fisher JR** (2008) A Fossil Braconid from the Green River Formation (Eocene). North Central Branch of the Entomological Society of America, Annual Meeting, Columbus, Ohio
- Fisher JR** (2007) Systematics of Sawfly Slaying Wasps (Ichneutinae). Entomological Society of America, Annual Meeting, San Diego, Calif.
- Fisher JR** (2007) Systematics of Sawfly Slaying Wasps (Ichneutinae). Ohio Valley Entomology Association, Annual Meeting, Columbus, Ohio
- Fisher JR** (2007) Ichneutinae Systematics. University of Kentucky, Department of Entomology
- Fisher JR** (2006) Nocturnal Ichneumonids (Ophioninae): Introduction & Molecular Questions. Society of Kentucky Lepidopterists, Annual Meeting, University of Kentucky

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**TEACHING EXPERIENCE**

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**University of Arkansas, Dept. of Entomology, 2011**

ENTO 3011 (Introduction to Arthropod Identification): organized, taught, and graded

**University of Arkansas, Dept. of Entomology, 2009-2010**

ENTO 3013 (Insect Biology): assisted in organizing, teaching (including lectures), and grading the laboratory

**University of Kentucky, Dept. of Entomology, 2008**

ENT 564 (Insect Taxonomy): assisted in organizing, teaching (including a guest lecture), and grading the laboratory

**Auburn University, Dept. of Biological Sciences, 2002-2005**

BIOL 4010 (Invertebrate Zoology): assisted in organizing, teaching (including lectures), and grading the laboratory

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**OTHER RESEARCH EXPERIENCE**

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**University of Kentucky, Department of Entomology, 2006-2007**

Managed malaise traps, identified insects, trained undergraduate assistants, and collaborated with Kentucky State Nature Preserves Commission

**Auburn University, Department of Biological Sciences, 2004-2006**

Identified freshwater macroinvertebrates

**Auburn University, Department of Geology and Geography, 2003**

Assisted in marine field research experiments and natural history observations

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**SPECIALIZED COURSES AND CONTINUING EDUCATION**

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**Soil Acarology. The Ohio St. University, Columbus, Ohio, 2008**

Three-week survey of soil-associated mites; identification, biology, and ecology

**HYM Course. SWRS, Portal, Ariz., 2006**

Eight-day survey of Hymenoptera; identification, evolution, and collection

**Field Biol & Ecol of the South Appalachians. Auburn University, Ala., 2002**

30-day field course in the S. Appalachians; habitat identification, conservation, and diversity

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**HONORS AND AWARDS**

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Doctoral Academy Fellowship, Univ. of Arkansas, 2009-2013

Johnston Fund, OSU Soil Acarology Course, 2008

Hoogstraal Fund, OSU Soil Acarology Course, 2008

Runner-up Linnaean Games NCB ESA, 2008

OVEA Honorable Mention for Student Paper Competition, 2007

Kentucky Wesleyan College Presidential Scholarship - Owensboro, Ky., 1999-2000

Kentucky Wesleyan College Educational Excellence Scholarship—Owensboro, Ky., 1999

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**OUTREACH**

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**Bugguide Contributing Editor, 2011-present**

Identify arthropods from photographs, update taxonomy, and provide biological information

**Farmer's Market, 2011**

Manned a pinned insect collection and answered questions for the public

**4-H Insect Collection Assistant, Fayetteville, Ark., 2009-2010**

Teaching 4H members insect collecting and curating techniques for their required collection

**11<sup>th</sup> Insect Festival Volunteer, Fayetteville, Ark., Dept. of Entomology, Univ. of Arkansas, 2010**

Manned a pinned insect collection for approximately 3500 children and their chaperones

**Presenter at Daniel Boone National Forest, Ky., 2007**

Public presentation given at Koomer Ridge Campground on basic arthropod natural history

**AFFILIATIONS**

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Entomological Society of America, 2006-present  
Acarological Society of America, 2009-present  
American Arachnological Society, 2004-present  
Society of Systematic Biologists, 2010-present  
Arkansas Entomological Society, 2009-present  
Isely-Baerg Entomology Club, University of Arkansas, 2009-present  
    Secretary, 2009  
University of Arkansas Linnaean team, 2011  
Harrison Garman Entomology Club, University of Kentucky, 2006-2009  
    Student Liaison, 2007-2008  
    Social Committee, 2006-2007  
University of Kentucky Linnaean Team, 2008