

Shannon McCauley

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PROFESSIONAL POSITIONS

Center for Population Biology Postdoctoral Research Fellow *University of California, Davis*
Fellowship to conduct independent research (2006-present)
Lecturer *Ecology and Evolutionary Biology, University of Michigan* (2005-2006)

EDUCATION

University of Michigan *Ann Arbor, MI* **Ph.D. in Ecology & Evolutionary Biology** (2005)
Dissertation chair: Earl Werner
University of Florida *Gainesville, FL* **M.S. in Zoology** (1997)
Thesis Advisor: Karen Bjorndal
Bowdoin College *Brunswick, ME* **A.B., Environmental Studies, Government** (majors),
Biology (minor) (1992)

Additional Coursework

Organization for Tropical Studies, Costa Rica (1996)
University of Minnesota, Lake Itasca Biological Station & Minneapolis, MN (1991, 1993-4)
The School for Field Studies, Queensland, Australia (1991)

AWARDS AND FELLOWSHIPS

Rackham One-Term Graduate Fellowship *University of Michigan*
Awarded for dissertation research accomplishments (2004)
Rackham Predoctoral Fellowship *University of Michigan*
Awarded for dissertation research accomplishments (2003-2004)
Outstanding Graduate Student Instructor *University of Michigan*
Highest teaching award given to graduate students at the university (2001)
Galen C. Moses Graduate Scholarship *Bowdoin College*
Awarded for promise in graduate study (1995-1996)

RESEARCH GRANTS

Sokol Summer Research Grant <i>University of Michigan</i>	\$4000 (2003)
Rackham & EEB Travel Grants , <i>University of Michigan</i>	\$1000 (2003, 2004)
Peter Okkelberg Grant <i>EEB, University of Michigan</i>	\$2000 (2002)
ESGR Fellowship <i>Museum of Zoology, University of Michigan</i>	\$4100 (2001-2003)
Michigan Natural Heritage Small Grants Program <i>Michigan DNR</i>	\$4828 (2001)
Grants In Aid of Research <i>Sigma Xi</i>	\$800 (2000)
Rackham Block Grants <i>EEB, University of Michigan</i>	\$5300 (1999-2003)
Organization for Tropical Studies <i>La Selva, Costa Rica</i>	\$250 (1996)
International Women's Fishing Association <i>Florida</i>	\$400 (1995)

PUBLICATIONS

- Benard*, M.F. and S.J. **McCauley***. 2008. Integrating across life-history stages: consequences of natal habitat effects on dispersal. *In press at American Naturalist (May issue)*. ***both authors contributed equally to this work**
- McCauley**, S.J., C.J. Davis, E.E. Werner. 2008. Predator induction of spine length in larval *Leucorrhinia intacta* (Odonata). *Published on-line at Evolutionary Ecology Research*.
- McCauley**, S.J. 2008. Slow, fast and in between: habitat distribution and behaviour of larvae in nine species of libellulid dragonfly. *Freshwater Biology* 53: 253-263.
- McCauley**, S.J. 2007. The role of local and regional processes in structuring larval dragonfly distributions across habitat gradients. *Oikos* 116 (1): 121-133.
- Boyce, W.M., S.P. Lawler, J. Schultz, S. **McCauley**, L. Kimsey, M. Niemala, W. Reisen, C. Nielson, D. Brown. 2007. Nontarget effects of the mosquito adulticide pyrethrin applied aerially during a West Nile virus outbreak in an urban California environment. *Journal of the American Mosquito Control Association* 23(3): 335-339.
- McCauley**, S.J. and K. E. Wehrly. 2007. Zebra mussel, *Dreissena polymorpha*, attachment to Odonata larvae. *Odonatologica* 36(1): 63-69.
- McCauley**, S.J. 2006. The effects of dispersal and recruitment limitation on community structure of odonates in artificial ponds. *Ecography*, 29(4): 585-595.
- McCauley**, S.J. 2005. Relationship between habitat distribution, growth rate, and plasticity in congeneric larval dragonflies. *Canadian Journal of Zoology*, 83: 1128-1133.
- McCauley**, S.J. 2005. Differential dispersal propensities between individuals in male *Leucorrhinia intacta* (Hagen). *International Journal of Odonatology*, 8(2): 223-232.
- McCauley**, S.J., S.S. Bouchard, B.J. Farina, K. Isvaran, S. Quader, D. W. Wood, C. M. St. Mary. 2000. Energetic dynamics and anuran breeding phenology: insights from a dynamic game. *Behavioral Ecology*, 11(4): 429-436.
- McCauley**, S.J. and K.A. Bjorndal. 1999. Response to dietary dilution in an omnivorous freshwater turtle: implications for ontogenetic dietary shifts. *Physiological and Biochemical Zoology*, 72(1): 101-108.
- McCauley**, S.J. and K.A. Bjorndal. 1999. Assessing the effects of anthropogenic debris ingestion on juvenile sea turtles. *Conservation Biology*, 13(4): 925-929.
- Manuscripts (available on request)
- McCauley**, S.J. Morphological and behavioral characteristics of male dispersers in *Pachydiplax longipennis* (Odonata). *In review at Ecology*.
- McCauley**, S.J., J. Nystrom, C.J. Davis, E.E. Werner. The relationship between isolation and the abundance of *Notonecta irrorata* colonists in aquatic mesocosms: evidence for behavioral preferences related to distance. *In prep. to be submitted to Ecology*.
- McCauley**, S.J., C.J. Davis, R.A. Relyea, K.L. Yurewicz, D.K. Skelly, E.E. Werner. Metacommunity patterns in larval odonates. *In prep. to be submitted to Oecologia*.

SELECTED PROFESSIONAL PRESENTATIONS

- McCauley**, S.J. 2008. Dept. of Biology, University of Dayton, OH. (invited)
- McCauley**, S.J. 2008. Dept. of Entomology, University of California, Davis.
- McCauley**, S.J. 2008. Dept of Biological Sciences, Murray State University, KY. (invited)
- McCauley**, S.J. 2007. Ecological Society of America, San Jose, CA.
- McCauley**, S.J. 2007. Bodega Marine Lab, CA. (invited)

- McCauley, S.J.** 2006. Ecological Society of America, Memphis, TN.
- McCauley, S.J.** 2006. Center for Population Biology, University of California, Davis. (invited)
- McCauley, S.J.** 2005. Hobart and William-Smith Colleges. (invited)
- McCauley, S.J.** 2005. Ecological Society of America, Montreal, Canada.
- McCauley, S.J.** December 2004. Thesis defense seminar, EEB, University of Michigan.
- McCauley, S.J.** 2004. Ecological Society of America, Portland, OR.
- McCauley, S.J., C.J. Davis, E.E. Werner, R.A. Relyea, D. K. Skelly, K. L. Yurewicz.** 2003. North American Benthological Society, Athens, GA.
- Parra, G., A. Welch, and S. **McCauley.** 1996. American Society of Ichthyologists and Herpetologists.

TEACHING POSITIONS

Lecturer – Dept. of Ecology and Evolutionary Biology, University of Michigan (2005-2006)

Taught ecology courses for biology majors including writing and presenting lectures, designing class assignments, and creating exercises for discussion sections

General Ecology (co-taught for 2 semesters)

General Ecology Lab (1 semester)

General Ecology and General Ecology Lab at the University of Michigan Biological Station (taught independently, 1 semester)

Graduate Student Instructor - Department of Biology, University of Michigan (1998-2003)

Animal Diversity (1 semester)

Topics in Ecology and Evolution (1 semester)

General Ecology Lab (4 semesters, 3 as course coordinator)

Animal Physiology Lab (2 semesters)

Introductory Biology (2 semesters)

High School Science Teacher, Morse High School, Bath, Maine (1997-1998)

Biology and Earth Science

Teaching Assistant – Department of Zoology, University of Florida (1994-1997)

General Ecology (2 semesters)

Introductory Biology (5 semesters)

Teaching Assistant - Department of Biology, Bowdoin College (1992)

Ecology and Evolutionary Biology (non-majors) (1 semester)

Guest lectures – Department of Biology, University of Michigan

Animal Diversity (2003, 2005, 2006)

Ecology & Evolution First-year Seminar (2003)

Field Ecology (2000, 2001)

OTHER RELEVANT POSITIONS

Symposium Coordinator Young Scientist Symposium on Spatial Ecology

Ecology & Evolutionary Biology, University of Michigan (2004)

Research Assistant Department of Biology, University of Michigan, (1999)

Supervisors: Scott Peacor and Earl Werner

Research Assistant Cedar Creek Research Station, University of Minnesota (1993)

Supervisor: David Tilman

Research Assistant Department of Biology, Bowdoin College (1992-1993)
Supervisor: Nathaniel Wheelwright

PROFESSIONAL SERVICE

Reviewer - American Naturalist, Canadian Journal of Zoology, Ecological Applications, Ecological Entomology, Ecology, Ecology Letters, Hydrobiologia, Marine and Freshwater Research, Oecologia, Oikos, Chapter reviewer for: Dragonflies: Model Organisms for Ecological and Evolutionary Research, Ecology text chapters for: Sinauer and Benjamin Cummings

Seminar Series Coordinator Center for Population Biology, UC Davis (2006-2007)

Panel Member *The Academic Job Search*, Career Services, University of Michigan (2006)

Graduate Admissions Committee Department of Ecology & Evolutionary Biology (EEB), University of Michigan (2004)

Faculty Search Committee EEB, University of Michigan (2002)

NSF ADVANCE Grant EEB, University of Michigan. I assisted in writing a proposal for a Departmental Transformation Grant from the NSF ADVANCE program. The department was awarded \$15,000 to initiate our proposals for graduate students. (2002)

Panel Member *Adjusting to Graduate School*, Graduate Orientation Program, a program for all graduate students entering the university, University of Michigan (2002)

Executive Committee EEB, University of Michigan (2001-2002)

Diversity Committee EEB, University of Michigan (2001-2002)

EEB-Lunch Seminar Series Coordinator University of Michigan (1999-2000, 2001-2002)

High School Student Mentor University of Michigan (2000)

Seminar Committee Dept. of Zoology, University of Florida (1996-1997)

PROFESSIONAL SOCIETIES

Ecological Society of America

Association for Women in Science

Sigma Xi