

Kelly B. Miller
Curriculum Vitae

Contact Information

Department of Integrative Biology
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Education

Doctor of Philosophy Degree in Entomology. Cornell University, Ithaca, NY. August 2001.
Master of Science Degree in Entomology. Colorado State University, Fort Collins, CO. May 1997.
Bachelor of Science Degree in Biological Sciences. Montana State University, Bozeman, MT. May 1995.

Professional Research Experience

Post-doctoral Fellow. Brigham Young University, M.F. Whiting.	11/2002-present.
Post-doctoral Fellow. Cornell University, Quentin D. Wheeler.	9/2001-10/2002.
Research Assistant. Dr. Boris C. Kondratieff, Colorado State University.	9/1995-5/1997.
Associate Curator. Dr. Boris C. Kondratieff, Colorado State University, C.P. Gillette Museum of Arthropod Diversity.	1/1996-5/1997.
Project Design Specialist, Field and Laboratory Entomologist, Independent Consultant. Mr. Philip Shephard, The Nature Conservancy, Tensleep Preserve.	6-8/1995, 6-8/1996.
Research Assistant. Dr. Michael A. Ivie, Montana State University.	1/1991-5/1995.
Associate Curator. Dr. Michael A. Ivie, Montana St. Univ., Mont. Ent. Coll.	1/1991-5/1995.

Teaching Experience

Assistant Research Advisor. Undergrad./grad., systematics, Brigham Young Univ.	11/2002-current.
Lecturer. <i>Phylogenetic systematics</i> , Brigham Young University.	9-12/2003.
Undergraduate Research Advisor. Cornell University.	1-10/2001
Teaching Assistant. <i>Applied Entomology</i> laboratory, Cornell University.	1-5/2000, 1-5/2001.
Teaching Assistant. <i>Introductory Insect Biology</i> lab. and lecturer, Cornell Univ.	8-12/2000.
Teaching Assistant. <i>Insect Systematics</i> laboratory, Cornell University.	8-12/1999.
Course coordinator and instructor. Co-instructor of <i>Beetle Systematics</i> , Cornell.	8-12/1999.
Teaching Assistant. <i>Introductory Biology</i> laboratory, Cornell University.	8/1997-5/1999.
Teaching Assistant. <i>Introductory Biology</i> laboratory, Colorado State University.	8-12/1996.

Select Professional Presentations

<i>The phylogeny of the Dytiscinae (Coleoptera: Dytiscidae)</i> . Entomological Society of America.	10/2003.
<i>Databasing for Insect Molecular Systematics: Tree of Life or Freezer of Disaster?</i> Entomological Collections Network.	10/2003.
<i>The phylogeny of diving beetles (Coleoptera: Dytiscidae) and the evolution of sexual conflict</i> . Brigham Young University.	6/2002.
<i>The evolution of secondary sexual characters and the phylogeny of diving beetles (Coleoptera: Dytiscidae)</i> . Entomological Society of America student competition, 10 minute talks. Winner of President's Award for best student 10 minute presentation, Section A.	12/2001.
<i>Diving beetle phylogeny (Coleoptera: Dytiscidae) and the evolution of secondary sexual characters</i> . Cornell Jugatae Presentation, Dissertation defense seminar, Cornell Univ.	6/2001.
<i>Systematics of New World Dytiscidae (Coleoptera: Dytiscidae)</i> . Thesis defense seminar, Colorado State University.	5/1997.
<i>The use of behavior in systematics</i> . For <i>Insect Behavior</i> , Dr. L. Bjostad, instructor, Colorado State University.	4/97.

Grants

Partnerships for Enhancing Expertise in Taxonomy (PEET) grant #DEB-0329115 (J. McHugh, PI; K.B. Miller and M.F. Whiting, Co-PIs) (\$750,000).
Dissertation Improvement Grant, National Science Foundation #DEB-0073088 (Q.D. Wheeler, PI) (\$9700)
Roger and Victoria Sant Educational Endowment for a Sustainable Environment, BYU (\$10,000)
Rawlins Graduate Student Endowment, Cornell University, twice awarded (\$1500/\$700)
The Explorers Club, New York, New York (\$1200)
Graduate Travel Grant, Cornell University (\$1000)
Grace H. Griswold Fund, Cornell University (\$736)

Field Experience

Western and northeastern North America, extensive collecting.
Bolivia, 3 weeks, summer, 1998, and 3 weeks, summer, 1999.
Australia, 5 weeks, fall, 2000, and 3 weeks, fall, 2002.
Peru, 2 weeks, fall, 2003.
Costa Rica, 2 weeks, winter, 2004.

Professional societies

Coleopterists Society
Willi Hennig Society
Entomological Society of America
Society of Systematic Biologists
Washington Entomological Society