

# MARY A. JAMIESON

University of Colorado • Ecology & Evolutionary Biology  
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## EDUCATION

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University of Colorado, Boulder, CO

Ph.D. candidate in Ecology and Evolutionary Biology

Advisors: M. Deane Bowers and Timothy Seastedt

University of Texas, Austin, TX

M.A. in Ecology and Evolutionary Biology, August 2004

G.P.A. 3.80

Thesis: The effects of an invasive exotic plant species, Canada thistle (*Cirsium arvense* L.), on native butterfly and plant communities in north-central Colorado

Advisor: Camille Parmesan

University of Kansas, Lawrence, KS

B.S. in Ecology and Evolutionary Biology, May 2000

B.A. in Environmental Studies, May 2000

G.P.A. 3.88, Departmental honors, College distinction

Honors Thesis: The environmental breakdown of *Bacillus thuringiensis* endotoxins in transgenic corn pollen

## PROFESSIONAL EXPERIENCE

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- 1998-2000      Laboratory Assistant for Dr. Orley Taylor, University of Kansas. Maintained populations of monarch butterflies and their hostplants (*Asclepias* spp.). Assisted in research and education projects associated with the Monarch Watch Program.
- 1997-1998      Education Assistant, University of Kansas Natural History Museum. Assisted with K-12 educational courses in natural history, environmental science, and biology.
- 1997            Research Assistant for Dr. Robert Holt, University of Kansas. Assisted with fieldwork for a project examining the effects of habitat fragmentation on small mammal and plant populations.

## TEACHING ASSISTANTSHIPS

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- 2000-01      Genetics; Biodiversity & Ecology
- 2001-02      Structure & Function of Organisms Lab; Ecology, Evolution & Society
- 2002-03      Ecology; Field Biology
- 2003-04      Field Biology; Evolutionary Ecology
- 2004            General Biology Lab

## HONORS AND AWARDS

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- 2003            EEB research fellowship, University of Texas - \$2800
- 2002            EEB research fellowship, University of Texas - \$1900
- 2002            Environmental Science Institute fellowship, University of Texas - \$3000
- 2001            Rocky Mountain Nature Association fellowship - \$8000

## HONORS AND AWARDS CONT.

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2001	Dean's Excellence Award, University of Texas - \$3000
2000	Outstanding Senior Woman in Biology, University of Kansas
1999	J. Michael Young research fellowship, University of Kansas - \$500
1999	Undergraduate research award, University of Kansas - \$500
1998	Ida Hyde research award, University of Kansas - \$3000
1997-1999	Dean's scholars program, University of Kansas \$1000/yr
1996-1999	Kansas endowment scholarship - \$1000/yr
1995-1999	Kansas merit scholarship - \$1000/yr

## RESEARCH PRESENTATIONS

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- The effects of an invasive exotic plant species on native butterfly communities.  
Guild of Rocky Mountain Population Biologist Annual Meeting, September 2004
- The butterfly community: a model system for studying environmental change  
Rocky Mountain National Park Research Conference, March 2002
- GIS-aided study of the Rocky Mountain National Park butterfly community  
UT Austin, Environmental Science Institute Fellowship Symposium, October 2001
- The potential impact of BT corn pollen on Monarch butterflies  
University of Kansas Biology Seminar, May 2000
- Correlation between pollen-ovule ratios and breeding systems of selected prairie forbs  
Kansas State University Biology Seminar, August 1999  
National Science Foundation Research Experience for Undergraduates Program

## ARTICLES

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- Jamieson, M. and Parmesan, C. *In prep.* The effect of an invasive exotic plant species (*Cirsium arvense* L.) on butterfly diversity and community composition in a montane habitat.
- Jamieson, M. and Parmesan, C. *In prep.* Butterfly foraging activity at an invasive exotic plant species (*Cirsium arvense* L.): impacts on native flower visitation rates.

## POSTERS

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- Moody-Weis, J. and M. Jamieson. Experimental removal of garlic mustard (*Alliaria petiolata*) in Kansas. Botanical Society of America Annual Meeting, August 2002
- A comparison of butterfly diversity in two degraded Costa Rican rain forest habitats  
University of Kansas Undergraduate Research Symposium, March 2000

## PROFESSIONAL SOCIETY MEMBERSHIP

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Ecological Society of America