

## Christopher W. Habeck

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### EDUCATION

- Ph.D. Dept. of Zoology, Emphasis: Terrestrial Ecology, 2011 (expected)  
University of Wisconsin-Madison, Madison, WI  
Dissertation: *Global environmental change and the interactions between plants, mammals, and ecosystems*  
Ph.D. Advisor: Richard L. Lindroth
- B.S. Dept. of Natural Resources, Emphasis: Wildlife Ecology, 2005  
University of New Hampshire-Durham, Durham, NH  
Senior Thesis: *Maternal moose summer home range and habitat use in New England and Southeastern Norway*

### RESEARCH INTERESTS

Chemical ecology, ecosystem ecology, trophic interactions, global environmental change, vertebrate ecology

### FELLOWSHIPS, GRANTS, & AWARDS

- 2008-2011 Global Change Education Program, Graduate Research Environmental Fellowship  
U.S. Department of Energy (\$43,200 annually)
- 2005-2008 Science to Achieve Results (STAR) Fellowship  
U.S. Environmental Protection Agency (\$37,000 annually)
- 2008 Travel Grant, University of Wisconsin-Madison (\$400)
- 2007 Carl A. Bund Scholarship, University of Wisconsin-Madison (\$1750)
- 2006 Summer Research Scholarship, University of Wisconsin-Madison (\$677)
- 2005 Outstanding Wildlife Student Award, Dept. of Natural Resources,  
University of New Hampshire
- 2005 P.F. English Memorial Award – Outstanding Undergraduate Wildlife Student,  
Northeast Section, The Wildlife Society
- 2005 New England Outdoor Writers Scholarship, New England Outdoor Writers  
Association (\$1500)

## FELLOWSHIPS, GRANTS, & AWARDS (cont.)

- 2003 International Research Opportunities Program Scholarship, University of New Hampshire (\$5000)
- 2003 Summer Undergraduate Research Fellowship, University of New Hampshire (\$3500)
- 2002 Undergraduate Research Opportunities Program Scholarship, University of New Hampshire (\$1000)
- 2002, 2003 Ruth E. Farrington Endowed Scholarship, University of New Hampshire (\$2000)

## PUBLICATIONS

- Habeck, C.W.**, and R.L. Lindroth. The implications of elevated CO<sub>2</sub> and O<sub>3</sub> on the feeding behavior and growth response of weanling prairie voles (*Microtus ochrogaster*). *In prep*
- Habeck, C.W.**, and T.D. Meehan. 2008. Mass invariance of population nitrogen flux by terrestrial mammalian herbivores: an extension of the elemental equivalence rule. *Ecology Letters* 11: 898-903.
- Scarpitti, D.L., **C.W. Habeck**, A.R. Musante, and P.J. Pekins. 2005. Integrating habitat use and population dynamics to assess the status of moose in Northern New Hampshire. *Alces* 41: 25-35

## PRESENTATIONS

- Habeck, C.W.**, and T.D. Meehan. 2008. Mass invariance of population nitrogen flux by terrestrial mammalian herbivores. Ecological Society of America Conference. Milwaukee, WI
- Loaiza, V., **C.W. Habeck**, and R.L. Lindroth. 2008. Chemical changes in plants grown under enriched CO<sub>2</sub> and O<sub>3</sub> influence prairie vole (*Microtus ochrogaster*) growth. Ecological Society of America Conference. Milwaukee, WI
- Habeck, C.W.** 2007. Global change and plant-mammal interactions: what should we expect? *Invited Seminar*. Environmental Sciences Division, Oak Ridge National Laboratory. Oak Ridge, TN.
- Habeck, C.W.** 2006. Global environmental change, plant quality, and mammalian herbivores. Environmental Protection Agency Graduate Fellowship Conference. Washington, D.C.
- Habeck, C.W.** 2004. Microhabitat analysis of maternal moose neonatal areas in northern New Hampshire. University of New Hampshire, College of Life Sciences and Agriculture Undergraduate Research Conference. Durham, NH.

## **PRESENTATIONS** (*cont.*)

**Habeck, C.W.** 2003. Home range and habitat use of maternal moose in northern New Hampshire. University of New Hampshire, College of Life Sciences and Agriculture Undergraduate Research Conference. Durham, NH.

## **TEACHING EXPERIENCE & TRAINING**

- 2009            Participant: Teaching Large Classes  
The DELTA Program  
University of Wisconsin-Madison
- 2009            Participant: Informal Science Education for Scientists  
The DELTA Program  
University of Wisconsin-Madison
- 2007            Participant: The College Classroom  
The DELTA Program  
University of Wisconsin-Madison
- 2007            Guest Lecturer: Physiological Animal Ecology  
Department of Wildlife Ecology  
University of Wisconsin-Madison
- 2005-2007     Teaching Assistant: Introduction to Biology  
Department of Zoology  
University of Wisconsin-Madison
- 2003            Teaching Assistant: Field Dendrology  
Department of Natural Resources  
University of New Hampshire

## **MENTORING EXPERIENCE**

- 2009            Robert Hanson  
Undergraduate Research Scholars Program  
University of Wisconsin-Madison
- 2007            Viviana Loaiza  
Integrated Biological Sciences, Summer Research Program  
University of Wisconsin-Madison
- 2007            Devin Edmonds  
Directed Studies in Zoology (credit)  
University of Wisconsin-Madison
- 2007            David Bayer  
Independent Project Experience  
Department of Zoology  
University of Wisconsin-Madison

## **MENTORING EXPERIENCE** *(cont.)*

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| 2006 | Madeleine George<br>Undergraduate Research Scholars Program<br>University of Wisconsin-Madison |
| 2006 | Devin Franke<br>Directed Studies in Zoology (credit)<br>University of Wisconsin-Madison        |
| 2006 | Katherine Welch<br>Directed Studies in Zoology (credit)<br>University of Wisconsin-Madison     |

## **PROFESSIONAL MEMBERSHIPS**

The Ecological Society of America  
American Society of Mammalogists  
The Wildlife Society  
American Association for the Advancement of Science

## **PROFESSIONAL SERVICE**

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| 2004-2005  | Northeast Section Representative<br>Student Affairs Committee<br>The Wildlife Society  |
| 2004-2005  | Student Representative<br>Northeast Section Committee<br>The Wildlife Society          |
| 2003-20056 | President<br>Student Chapter of The Wildlife Society<br>University of New Hampshire    |
| 2002       | Vice President<br>Student Chapter, The Wildlife Society<br>University of New Hampshire |
| 2001       | Secretary<br>Student Chapter, The Wildlife Society<br>University of New Hampshire      |