

# **KIMBERLY M. OGDEN**

## *Curriculum vitae*

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Graduate Program in Organismic & Evolutionary Biology  
University of Massachusetts at Amherst  
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Amherst, MA 01003  
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### **EDUCATION**

Ph.D., Organismic and Evolutionary Biology  
University of Massachusetts, Amherst, MA  
Expected date of completion: 2010  
*Thesis topic: Conservation of Four-toed Salamanders in Massachusetts*

B.S., biology with distinction  
Clarkson University, Potsdam, NY  
Awarded May 2005  
*Thesis title: Recipe for Road Pizza: Landscape Features That Determine Amphibian And Reptilian Mortality On Roads In Northern New York State*

### **RESEARCH EXPERIENCE**

2006: Graduate Research Assistant at University of Massachusetts Amherst, MA  
*Designed and implemented a pilot study to investigate the habitat use of Four-toed Salamanders in Massachusetts.*

2004-05: Undergraduate Researcher at Clarkson University, NY  
*Designed and presented a project that used ArcGIS 8.0 to identify landscape features as predictors of areas with high amphibian mortality as a result of traffic collisions for a senior thesis.*

2004: Undergraduate Research Intern at White Mountain Research Station, CA  
*Designed and presented an experiment that used pitfall-trap method for mark-release-recapture study on the effects of footpaths on the abundance, community structure, and mobility of terrestrial invertebrates in Devil's Postpile National Monument, CA.*

2003: McNair Scholar Research Intern at Clarkson University, NY  
*Designed and presented a project that researched the effects of roads on the nesting behavior of turtles and the later predation of those nests in northern New York.*

## **TEACHING EXPERIENCE**

- 2006: Teaching Assistant  
University of Massachusetts Amherst, MA  
Course: Introductory Biology Lab
- 2004: Teaching Assistant  
Clarkson University, NY  
Course: Introductory Biology Lab
- 2003: Teaching Assistant  
Clarkson University, NY  
Course: General Ecology Lab
- 2001-05: Teaching Assistant  
Clarkson University, NY  
Course: "Project Challenge", weekend science courses for local junior-high students

## **PUBLICATIONS & PRESENTATIONS**

- Langen TA, Ogden KM, Machniak A, Crowe E, Mangan C, Marker D, Kroening R. Locating hotspots of herpetofauna road mortality along a highway road network. *Ecological Applications* in review.
- Ogden KM. 2005. Recipe For Road Pizza: Landscape Features That Determine Amphibian And Reptilian Mortality On Roads In Northern New York State. BS Thesis, Clarkson University, Potsdam, New York.
- Ogden KM. April 2005. Land Use as a Predictor of Amphibian and Reptilian Mortality on Roads in Northern NY. Clarkson University Symposium on Undergraduate Research Experiences, Potsdam, NY. Poster.
- Ogden KM. August 2004. Invertebrate Community Structure Adjacent to Trails in Devil's Postpile National Monument. White Mountain Research Station Research Symposium, Bishop, CA. Oral.
- Ogden KM. April 2004. Roads and the Environment: How do roads affect turtle nests in Northern New York? Rocky Mountain McNair Research Symposium, Denver, CO. Oral.
- Ogden, KM. August 2003. Roads and the Environment: How do roads affect turtle nests in Northern New York? Clarkson University Summer Symposium on Undergraduate Research Experiences, Potsdam, NY. Oral.

## **AWARDS & SCHOLARSHIPS**

2005: Clarkson University Biology Department Senior Award

*Awarded to two outstanding seniors majoring in biology each spring, as nominated by Department of Biology faculty.*

2004 & 2005: Phalanx Commendable Leadership Award

*Awarded to peer-nominated candidates university-wide that demonstrate outstanding leadership abilities and quality participation in organizations associated with Clarkson and the Potsdam, NY community. I received this award in two consecutive years.*

2003: Ronald E. McNair Scholar

*Awarded to first-generation college students from low-income backgrounds or students from under-represented groups interested in performing research in science or engineering.*

2001-05: Clarkson University Leadership Award

*A four-year scholarship awarded to candidates who demonstrate leadership, and outstanding academic achievement.*