

## Willem Anton Sytsma

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### EDUCATION

**University of Massachusetts, Amherst**  
Bachelor of Science, Biology, GPA 3.58 Spring 2006  
Dean's List, every semester, Cum Laude

**University of Massachusetts, Amherst**  
Master of Science Candidate Fall 2009  
Natural Resource Conservation Department

### RESEARCH EXPERIENCE

**Research Assistant, Amherst, Massachusetts 2009-present**

- Constructing an expert habitat capability model for the eastern Indigo snake (*Drymarchon couperi*) in the Altamaha river watershed, Georgia

**Research Assistant, Amherst, Massachusetts 2006-2008**

- Collected and processed field data for meta-population dynamics study of *Ambistoma opacum* in western Massachusetts
- Collected and manipulated photos in preparation for image recognition software
- Programmed PDA's for digital data entry and management
- Trained researchers in use of PDA's for data entry and in general field protocol

**Volunteer Research Assistant, Andes Mountains, Ecuador Oct 2001**

- Worked alongside Fulbright scholar using mist netting, molecular genetic tools to investigate patterns of diversity in neotropical birds
- Collected morphological and mtDNA sequence data to elucidate the phylogenetic relationships of the *Henicorhina* Wood-Wrens

### OTHER EXPERIENCE

**Peru: volunteered and traveled Winter 2008**

- Taught Peruvian teenagers photography of wildlife, people and locations

**Atkins Farm Country Market, Amherst, MA 2006-2008**

- Head cashier, supervisor, customer service, CPR certified.

**Timber Framing, New Sharon, ME Summers 2001-2005**

- Participated in layout, fabrication and assembly of traditional Post and Beam buildings

### RELEVANT SKILLS

**Computers:** ArcINFO, R, HTML, Pendragon, Photoshop, Microsoft Office

**Photography:** Wildlife, Multiple Formats, Digital, Editing

**Music:** Guitar, Drums, Bass, Singing, Songwriting, Home studio recording

**Spanish:** Extensive travel in South America, Advanced Spanish