

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

RELEVANT COURSES

Herpetology, Comparative Vertebrate Anatomy, Developmental Biology,
Environmental Evolution, Comparative Animal Physiology, Ecology and Evolution,
Geographic Information Systems, Local Flora, Spanish

RELEVANT EXPERIENCE

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: ArcGIS, PalmOS, Pendragon, Matlab, Adobe Photoshop, HTML, Macromedia, Microsoft Office, Irfanview, Cakewalk Audio Pro 9

Photography: Wildlife, Multiple Formats, Digital

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

Spanish: Extensive travel in South America, Advanced Spanish