

Emily S. Khazan

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EDUCATION

Ph.D. Interdisciplinary Ecology University of Florida, Gainesville, FL.

-Major advisor: Dr. Brett Scheffers

-GPA (in progress): 4.00

M.S. Biology University of Oklahoma, Norman, OK. March 2014

-*Tests of biological corridor efficacy for conservation of a Neotropical giant damselfly*

-GPA: 4.00

B.A. Program in the Environment, University of Michigan, Ann Arbor, MI. May 2010

-Semester abroad in Costa Rica winter 2009. Coursework in ecology, Spanish, research methods.

-GPA: 3.35

WORK EXPERIENCE

Graduate Teaching Assistant, Gainesville, Florida

August 2017 – December 2017

Teaching Assistant: University of Florida, Department of Wildlife Ecology and Conservation

Natural Resource Ecology: Grade students' problem sets and online discussion forums. Assist in development of course materials, and guide discussion groups for this online course.

Graduate Teaching Assistant, Corvallis, Oregon

January 2016 – September 2016

Teaching Assistant: Oregon State University, Department of Integrative Biology

Advanced Human Anatomy and Physiology: Lead weekly laboratory sections briefly lecturing on material to be covered by hands-on experiments and demonstrations in lab. Evaluate students through weekly quizzes, writing assignments, practical exams, and creative in-class assignments.

Functional Human Anatomy Dissection: Guide and assist dissection of cadavers; evaluate students through quizzes and oral exams.

Introduction to Biology: Conduct weekly laboratory sessions by giving a brief lecture followed by facilitation of lab activities. Evaluate students through a term-long research project, quizzes, and MS excel skills tests.

Graduate Teaching Assistant, Norman, Oklahoma

August 2011-May 2014

Teaching Assistant: University of Oklahoma, Department of Biology

Human Anatomy: Guide and assist dissection of cadavers. Evaluate students through regular lab practicals and identification quizzes.

Introduction to Zoology: Conduct weekly laboratory sessions by leading tutorials and laboratory sections.

Evaluate students through writing assignments, quizzes, and examinations. Hold regular office hours for further assistance with course material.

Research Coordinator, Caño Palma Biological Station, Costa Rica

December 2014-November 2015

Coordinated collection, entry, and analysis of long-term research projects including monitoring of shorebirds, large mammals, spectacled caimans, and plant phenology. Advised independent undergraduate research projects. Trained interns and volunteers on station-run monitoring projects. Designed and implemented independent research projects, and facilitated research by independent researchers (e.g. permit acquisition). Analyzed, wrote, and published peer-reviewed journal articles with long-term monitoring data.

Field Research, Los Tuxtlas Biosphere Reserve

March -July 2011

Research Assistant

Collect data to investigate interspecific and intraspecific male competition as well as sexual selection of rubyspot damselflies.

Communicating Climate Change, Maryland Science Center

September 2010-February 2011

Intern

Recruit participants and design educational tools for the Communicating Climate Change citizen science project. Funded by National Science Foundation.

Field Research, University of Michigan Biological Station

June-August 2010

Research Assistant

Collect and analyze data on behavioral ecology, primarily regarding sexual harassment of polymorphic damselflies through observation and experimentation.

Michigan Community Scholars Program, Ann Arbor, Michigan

September 2007-May 2010

Office Administration Assistant

Data input, organization of service events, student mentoring, composition of weekly newsletter for students and faculty within the program. Management of general office tasks.

Undergraduate Research, Ann Arbor, Michigan

September 2007-December 2008

Research assistant

Research on medicinal properties and effects of edible plants. Design and maintenance of website for the Hazel S. Kaufman Integrative Medicine Retreat Center.

Minority Health International Research Training (MHIRT), Mampong, Akwapim, Ghana May-July 2008

Research Intern

Identification and extraction of traditional herbs used by Ghanaian midwives. Research conducted in the Centre for Scientific Research into Plant Medicine. Collaboration with traditional healers.

TEACHING EXPERIENCE

University of Florida

Natural Resource Ecology (Fall 2017)

Oregon State University

Advanced Human Anatomy and Physiology (Winter 2017)

Functional Human Anatomy Dissection (Summer 2016)

Introduction to Biology (Winter 2016)

University of Oklahoma

Human Anatomy (Winter 2012 – Spring 2014)

Introduction to Zoology (Fall 2011)

PUBLICATIONS

Khazan, E.S., Bujan, J. In Prep. Frequent but unpredictable flooding does not have long-term consequences for the structuring of ant communities.

Khazan, E.S., Verstraaten, T.*, Moore, M.P., Dugas, M.B. In Prep. Nursery crowding influences parental, but not offspring, fitness in a phytotelm-breeding frog.

Khazan, E.S., Arias, M.A., Fernández, L.M. (2016). Large mammal community composition and relative abundance under a disturbance gradient in Northeast Costa Rica. *International Journal of Tropical Biology and Conservation* 64(4):1554-1564

Fernández, L.M., Arias, M.A., **Khazan, E.S.** (2015). Analysis of population density and distribution of spectacled caiman (*Caiman crocodilus*) in Caño Palma, Northeast Costa Rica. *Herpetological Conservation and Biology* 10(3):959-968

Khazan, E.S., Bright, E.G., Beyer, J.E. (2015). Land management impacts on tree hole invertebrate communities in a Neotropical rainforest. *Journal of Insect Conservation* 19(4):681-690

Khazan, E.S. (2014). Tests of biological corridor efficacy for conservation of a Neotropical damselfly. *Biological Conservation* 177:117-125

PRESENTATIONS

Khazan, E.S., Arias, M.A., Fernández, L.M. May 25, 2016. *Population Density and Distribution of Spectacled Caiman (Caiman crocodilus) in Caño Palma, Costa Rica*. Society for Freshwater Science. Sacramento, CA

Khazan, E.S., Arias, M.A., Fernández, L.M. March 5, 2016. *Human Disturbance Affects Large Mammal Communities: A Case Study from Palm Swams of Northeast Costa Rica*. OSU Biology Graduate Student Symposium, poster presentation. Newport, OR.

Khazan, E.S. March 7, 2014. *Damsels in Distress: Biological Corridor Network as an Ineffective Conservation Tool for a Giant Damselfly*. OU Student Research and Performance Day, poster presentation. Norman,

OK

- Khazan, E.S.** September 20, 2013. *¿Funcionan las redes de corredores biológicos para las libélulas gigantes?* VII Simposio Mesoamericano de Corredores Biológicos, Sociedad Mesoamericana para la Biología y la Conservación. Havana, Cuba
- Khazan, E.S.** July 13, 2013. *Damselfly mating systems and the potential plight of Magnificent blue.* La Selva Research Station, Invited Seminar. Sarapiquí, Costa Rica
- Khazan, E. S.** June 26, 2013. *Do biological corridors work for giant damselflies?* Association of Tropical Biology and Conservation, Oral Presentation, San Jose, Costa Rica
- Khazan, E.S.** April 6, 2013. *Do biological corridors work for giant damselflies?* Southwestern Association of Naturalists, Oral Presentation, Lake Charles, LA
- Khazan, E.S.** January 24, 2013. *Fragmentation and Social Justice?* Center for Social Justice: Graduate Student Research Fellows, Oral Presentation, Norman, OK

HONORS, SCHOLARSHIPS, AND AWARDS

2013

- Adams Scholarship (\$2,500)
- OU College of Arts and Sciences Travel Funds: ATBC, SMBC Conferences (\$2,000)
- Department of Biology Travel Grant: ATBC, SMBC Conferences (\$500)
- Loren Hill Biology Excellence Fund (\$500)
- Robberson Conference Travel Grant (\$500)
- Graduate Student Senate: SWAN conference (\$425)
- Association for Tropical Biology and Conservation student travel award (\$200)

2012

- Adams Scholarship (\$3,500)
- Graduate Student Senate Grant (\$1,125)
- Loren Hill Zoology Excellence Fund (\$500)
- OU College of Arts and Sciences Travel Funds (\$500)
- Robberson Travel and Research Grant (\$500)
- Department of Biology Research Travel Grant (\$250)

2011

- OU College of Arts and Sciences Travel Funds: Research (\$500)
- Loren Hill Biology Excellence Fund (\$500)
- Graduate Student Senate: Research (\$300)
- Department of Biology Research Travel Grant (\$250)

University Honors, University of Michigan: fall 2008, winter 2008, winter 2009

STUDENT ASSOCIATIONS

Oregon State University

- Coalition of Graduate Employees Steward May 2016 – present
- OSU Wind Ensemble: Second Bassoon September 2016 – December 2016
- IBGSA (Integrative Biology Graduate Student Association) social committee January 2016 – present

University of Oklahoma

- Sooner Bassooners January 2013 – May 2014
- Graduate Research Fellow: Center for Social Justice September 2012 - May 2014
- Graduate Student Senate Senator August 2012 - August 2013
- ZAGS (Zoology Association of Graduate Students) social coordinator August 2013 - May 2014

PROFESSIONAL DEVELOPMENT/OUTREACH

2015

Briefing on biodiversity of the Tortuguero Conservation Area to park rangers/officials of the Costa Rican Ministry of Environment

2014

Ants of the Southwest course participant. Portal, AZ. Instructors: Dr. Michelle Lanan, Dr. Terry McGlynn, Gordon Snelling

2012

Oklahoma BioBlitz citizen scientist participant (odonate specialist)

2011

Oklahoma BioBitz citizen scientist participant

FOREIGN LANGUAGE PROFICIENCY

Spanish (fluent)