

Jessica Gutierrez

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RESEARCH INTERESTS

Environmental change, invasive species, host-parasite interactions, toxicology, ornithology, ecology and evolution, genetic diversity, and mating systems

EDUCATION

University of Connecticut, Storrs
Master of Science in Ecology and Evolutionary Biology
Expected Graduation: May 2021
GPA: 4.0/4.0

University of Illinois, Urbana-Champaign
Bachelor of Science in Animal Sciences
Minor in Integrative Biology
Graduated: December 2016
GPA: 3.4/4.0

INTERNATIONAL EXPERIENCE

Undergraduate Student December 2015 – January 2016
La Suerte Biological Research Station, Costa Rica
Course: Anthropology 445: Primate Behavior, Ecology, Sustainability, and Conservation
Research: Patterns of habitat utilization and ranging in response to forest structure and anthropogenic disturbance in mantled howler monkeys *Alouatta palliata*
Instructor: Paul Garber, PhD

Master of Science Student
San Cristóbal, Galapagos Islands, Ecuador
Research: Understanding microplastic abundance in terrestrial island birds (Darwin's finches)
Principal Investigator: Sarah A. Knutie, PhD

EMPLOYMENT AND RESEARCH EXPERIENCE

Master of Science Student, Project Lead May 2019 – August 2020
University of Connecticut, Knutie Lab, Lake Itasca, MN
Principal Investigator: Sarah A. Knutie, PhD

Research Technician June 2019 – August 2019
University of Connecticut, Knutie Lab, Lake Itasca, MN
Principal Investigator: Sarah A. Knutie, PhD

Temporary Field Technician March 2018 – November 2018
National Ecological Observatory Network (NEON), Manhattan, KS
Domain Manager: Rebecca Eaves

Climate and Ecological Change Monitoring Intern May 2017 – November 2017
Student Conservation Association (NEON), Manhattan, KS
Domain Manager: Rebecca Eaves

Research Technician July 2015 – May 2017
University of Illinois Reproductive Toxicology Laboratory, Champaign, IL
Principal Investigator: Jodi A. Flaws, PhD

Undergraduate Research Fellow May 2016 – July 2016
University of Illinois, Summer Undergraduate Research Experience in Toxicology and Summer Research Opportunities Program, Champaign, IL
Principal Investigator: Jodi A. Flaws, PhD

EMPLOYMENT AND RESEARCH EXPERIENCE (CONTINUED)

Undergraduate Research Assistant May 2015 – August 2015
University of Illinois, Nutrition Field Laboratory, Champaign, IL
Principal Investigator: James Drackley, PhD

SELECTED PRESENTATIONS

American Society of Mammologists 98th Annual Meeting, *Poster Presentation* June 2018
Small mammal, vector, and pathogen data collection in the National Ecological Observatory
Network
NEON, Domain 06, Manhattan, KS

Society of Toxicology 56th Annual Meeting, *Poster Presentation* March 2017
Gestational exposure to a phthalate mixture affects folliculogenesis and steroidogenesis in female
mice
University of Illinois at Urbana-Champaign, Baltimore, MD

Illinois Summer Research Symposium, *Oral Presentation* July 2016
Gestational exposure to a phthalate mixture affects folliculogenesis and steroidogenesis in female
mice
University of Illinois, Champaign, IL

TEACHING EXPERIENCE

Teaching Assistant August 2019 – Present
Principles of Biology II (BIOL 1108), University of Connecticut, Storrs
Course Instructor: Susan Herrick, PhD

OUTREACH

Department Outreach Co-Chair August 2020 – Present
Undergraduate Mentorship December 2019 – Present
White Earth and Itasca Internship Program July 2020
Science in Nature, cancelled due to COVID-19 July 2020
ESA Strategies for Ecology Education, Diversity and Sustainability (SEEDS). October 2019
Women in Science (WinS) September 2019
Women in Math, Science, and Engineering graduate student panel (WiMSE) September 2019

GRANTS AND AWARDS

Zoology Award, University of Connecticut, Storrs May 2020
Savaloja Grant, Minnesota Ornithologists' Union March 2020
NEON Early Career Scholar ESA Travel Award February 2020
North American Bluebird Society Research Grant January 2020
Whetten Travel Fund, University of Connecticut, Storrs December 2019
Dean's List, University of Illinois, Champaign January 2016 – August 2016
OMSA Scholastic Award, University of Illinois, Champaign April 2015 – April 2017

COLLEGIATE ACTIVITIES AND HOBBIES

Committee Member, Departmental Sales, Storrs, CT August 2020 – Present
Founding Member, Collection Skins and Specimens Club, Storrs, CT October 2019 – Present
Novice-intermediate Birder, Birding, KS, WA, CO, MN, CT May 2018 – Present
Frog Call Survey Volunteer, Forest Preserve District, Champaign, IL February 2017 – May 2017
Fundraising Chair, Wildlife and Conservation Club, Champaign, IL August 2014 – May 2016

LANGUAGES

Spanish: Heritage Speaker