

HANNAH R. BEVAN

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RESEARCH INTERESTS: species (native and nonnative) distributions, landscape connectivity, scientific outreach, and other fun ideas.

EDUCATION

- 2016 – PRESENT** **Ph.D. CONSERVATION BIOLOGY**, UNIVERSITY OF CENTRAL FLORIDA
Dissertation: Why, when, and how to best apply species distribution analyses
Committee: Dr. David Jenkins, Dr. Kate Mansfield, Dr. Geoffrey Cook, Dr. Christine Meynard
- 2013 – 2016** **M.S. BIOLOGY**, UNIVERSITY OF CENTRAL FLORIDA
Thesis: From pet to pest? The potential global range and food web effects of a generalist carnivore, the Nile monitor (*Varanus niloticus*)
Committee: Dr. David Jenkins, Dr. Todd Campbell, Dr. Reed Noss
- 2010 – 2013** **B.S. BIOLOGY**, UNIVERSITY OF TAMPA
Minors: Mathematics and Environmental Sciences

PUBLICATIONS

- BEVAN H, JENKINS D, CAMPBELL T (2019)**
From pet to pest? Differences in ensemble SDM predictions for an exotic reptile using both native and nonnative presence data. *Frontiers of Biogeography*.
- BEVAN H, JENKINS D, SUAREZ E, CAMPBELL T (UNDER REVIEW)**
Predictive, fine-scale distribution models for the Nile monitor (*Varanus niloticus*) in Florida to target future eradication efforts. *Journal of Herpetology*.

RESEARCH/EXPERIENCE

- 2020 – 2022** **GRADUATE STUDENT RESEARCHER** (Florida Fish and Wildlife Conservation Commission, Title: Florida range limits and habitat use of four priority nonnative species – \$60,917)
- 2017 – 2018** **GRADUATE STUDENT RESEARCHER** (Florida Fish and Wildlife Conservation Commission, Title: Nile Monitor Distribution and Habitat Model – \$19,115.68)
- 2017 – 2018** **UNDERGRADUATE COORDINATOR** (University of Central Florida, Florida black bear behavioral study under Dr. Daniel Smith)
- 2016 – 2017** **GRADUATE STUDENT RESEARCHER** (Florida Fish and Wildlife Conservation Commission, Title: Nile Monitor Distribution and Habitat Model – \$13,574.68)
- 2011 – 2013** **UNDERGRADUATE STUDENT RESEARCHER** (The University of Tampa, Nile monitor ecology study under Dr. Todd Campbell)

EMPLOYMENT

2015 – 2016	CUSTOMER SERVICE TECHNICIAN (Orange County Library System, Orlando, FL)
2015	SCIENCE EDUCATOR (Orlando Science Center, Orlando, FL)
2014 – 2019	BIOLOGY TEACHER/COUNSELOR (Ed Yarborough Nature Center, Geneva, FL)
2014 – PRESENT	GRADUATE TEACHING ASSOCIATE (University of Central Florida, Dept. of Biology, Orlando, FL [Mammalogy Lab*, Ecology Lab, Biology I Lab, Biology II Lab] *Primary developer and instructor of record)
2013	RESIDENT BIOLOGY CAMP COUNSELOR (Busch Gardens, Tampa, FL)
2012	BIOLOGY LAB MENTOR (University of Tampa, Dept. of Biology, Tampa, FL [Zoology Lab, Biology I Lab])
2011 – 2013	RESIDENT ASSISTANT (University of Tampa, Office of Residence Life, Tampa, FL)
2010 – 2011	STUDENT COORDINATOR OF LEADERSHIP (University of Tampa, Office of Student Leadership and Engagement, Tampa, FL)

PRESENTATIONS

SCIENTIFIC MEETINGS (P = POSTER; T = TALK)

1. Bevan, H., D. Jenkins, E. Suarez, T. Campbell. 2019. *Predictive, fine-scale distribution models for the Nile monitor (Varanus niloticus) in Florida to target future eradication efforts*. Florida Chapter of the Wildlife Society 2019 Spring Meeting, FL (P).
2. Bevan, H. and D. Jenkins. 2018. *An exotic lizard causing local problems: Predicting the spread of the Nile monitor (Varanus niloticus) into new regions across the globe*. Ecological Society of America Annual Meeting, New Orleans, LA (T).
3. Bevan, H. 2016. Thesis Defense—*From pet to pest? The potential global range and food web effects of a generalist carnivore*. University of Central Florida, FL (T).
4. Bevan, H. and D. Jenkins. 2016. *From pet to pest? The potential global range and food web effects of a generalist carnivore*. Ecological Society of America Annual Meeting, Fort Lauderdale, FL (T).
5. Bevan, H. and D. Jenkins. 2016. *From pet to pest? The potential global range and food web effects of a generalist carnivore*. Florida Chapter of the Wildlife Society Spring Meeting, FL (T).
6. Bevan, H. and D. Jenkins. 2016. *From pet to pest? The potential global range of a generalist carnivore*. UCF Graduate Research Forum, FL (P).
7. Bevan, H. and D. Jenkins. 2015. *Potential global spread of a large predator, the Nile Monitor (Varanus niloticus)*. Ecological Society of America Annual Meeting, MD (P).
8. Bevan, H. and D. Jenkins. 2015. *Projecting the spread of a large carnivorous reptile*. UCF Graduate Research Forum, FL (P).
9. Bevan, H. and D. Jenkins. 2015. *The pervasive invasive: projecting the spread of a large, carnivorous reptile*. Southeast Ecology and Evolution Conference, GA (T).
10. Bevan, H. and D. Jenkins. 2015. *Projecting the spread of a large, carnivorous reptile*. International Biogeography Society Conference. University of Bayreuth, Germany (P).
11. Bevan, H. 2014. Thesis Proposal—*The projected spread and impacts of a large, carnivorous reptile*. University of Central Florida, FL (T).
12. Bevan, H., T.S. Campbell, and D. Jenkins. 2014. *Dietary analysis of Florida's largest invasive carnivorous lizard*. Southeast Ecology and Evolution Conference, GA (P).

PUBLIC AND OTHER (P = POSTER; T = TALK; B = BOOTH)

1. Bevan, H. and L. Hartsock. 2018. Reptile awareness: Orlando Wetlands festival. Christmas, FL (B)
2. Bevan, H. 2017. *The birds and the bees; how insects and birds can help each other*. Audubon Center for Birds of Prey, FL (B).

3. Bevan, H. 2016. *From pet to pest? The potential global range and food web effects of a generalist carnivore*. Sanford Garden Club, FL (T).
4. Bevan, H. 2016. *WHAT are insects, WHAT do they do and WHY do we care?* Seminole County Natural Lands Summer Break Camp, FL (T).
5. Bevan, H. 2016. *WHAT are insects, WHAT do they do and WHY do we care?* Seminole County Natural Lands Spring Break Camp, FL (T).
6. Bevan, H and H. Dingle. 2016. *I could study insects for a living?* Evans Elementary School, FL (T).
7. Bevan, H and E. Barbeau. 2016. *The role of entomology in STEM based learning*. Share Fair Nation's STEMosphere, FL (B).
8. Bevan, H. 2015. *Come Grow with Us*. UCF's Creative School for Children, FL (B).
9. Bevan, H. and D. Woller. 2015. *WHAT are insects, WHAT do they do and WHY do we care?* Evans Elementary School, FL (T).
10. Bevan, H. and D. Woller. 2015. *Incredible Insects! A Scientist's Life*. UCF's Science, Technology, Engineering and Mathematics (STEM) Day, FL (T).
11. Bevan, H. and D. Woller. 2014. *Incredible Insects!* Orlando Public Library, Herndon Branch, FL (T).
12. Bevan, H. 2014. *Women in Science: Incredible Insects!* Orlando Science Center, FL (B).
13. Bevan, H., D. Woller, and D. Steele. 2014. *Interesting interactions between Florida plants and insects: an entomologist's perspective*. Sanford Garden Club, FL (T).
14. Bevan, H. and D. Woller. 2014. *Incredible Insects!* Orlando Public Library, Eatonville Branch, FL (T).
15. Bevan, H. 2014. *Projecting the spread of an invasive carnivorous predator*. Freedom High School, FL (T).
16. Bevan, H., S. Austin, S. Hernandez, H. Henderson, A. Griffel, and O. Keene. 2014. *The wonderful world of bees*. Service-Learning Student Showcase, University of Central Florida, FL (P).
17. Bevan, H. and D. Woller. 2014. *Incredible Insects!* Seminole County Natural Lands Spring Break Camp, FL (T).
18. Bevan, H., S. Austin, S. Hernandez, H. Henderson, A. Griffel, and O. Keene. 2014. *The wonderful world of bees*. Orlando Public Library, FL (T).

COMMUNITY INVOLVEMENT

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|-------------|---|
| 2018 – 2019 | NSF L.E.A.R.N. GRADUATE MENTOR SCHOLAR (UCF's Office of Undergraduate Research) |
| 2018 – 2019 | REVIEWER ("The Pegasus Review: UCF Undergraduate Research Journal") |
| 2017 | JUDGE ("Eureka: Student Research Talks" at UCF's Student Research Week) |
| 2016 – 2017 | PANELIST/MENTOR ("Eureka: Student Research Talks" at UCF's Student Research Week) |
| 2016 – 2018 | TEST WRITER/JUDGE/ADMINISTRATOR (Florida Science Olympiad) |
| 2016 | VOLUNTEER (Down Syndrome Foundation of Florida) |
| 2016 | JUDGE (61 st State Science and Engineering of Florida STEM Competition) |
| 2016 | JUDGE (Dr. Nelson Ying Orange County Science Expo) |
| 2016 | JUDGE (Bonneville Elementary School Science Fair) |
| 2015 | JUDGE (Southeast Ecology and Evolution Conference) |
| 2014 – 2017 | OUTREACH COORDINATOR (Entomological Society of Central Florida) |
| 2014 – 2015 | DOCENT (Central Florida Zoo and Botanical Gardens) |
| 2013 | JUDGE (Avalon Middle School Science Fair) |
| 2012 | INTERN (Wetlands Animal Husbandry at the Florida Aquarium) |
| 2012 | INTERN (Animal Behavior at Dade City's Wild Things) |
| 2011 | EDITOR (<i>Respondez!</i> Nonfiction journal of the University of Tampa Honors Program) |

HONORS/AWARDS

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| 2019 | BEST STUDENT RESEARCH POSTER (Florida Chapter of the Wildlife Society Spring Conference – \$75) |
| 2019 | PRESENTATION FELLOWSHIP (UCF's College of Graduate Studies – \$300) |

2019	DIVERSITY CERTIFICATE (UCF's Office of Diversity and Inclusion)
2019	UNDERGRADUATE (MENTOR) STUDIES SCHOLARSHIP (UCF – \$350)
2018	CONFERENCE REGISTRATION AND TRAVEL SCHOLARSHIP (UCF's Student Senate – \$400)
2016	PRESENTATION FELLOWSHIP (UCF's College of Graduate Studies – \$300)
2015	GRADUATE MERIT FELLOWSHIP (UCF – \$2,000)
2015	COLLEGE OF SCIENCES GENERAL SCHOLARSHIP (UCF – \$1,000)
2015	PRESENTATION FELLOWSHIP (UCF's College of Graduate Studies)
2015	STUDENT TRAVEL SCHOLARSHIP (UCF's Dept. of Biology – \$1,000)
2014	BEST IN COLLEGE OF SCIENCES (UCF's Service-Learning Student Showcase – \$500)
2014	ENGAGING COMMUNITY ONLINE (AWARD) (UCF's Service-Learning Student Showcase)
2012 – 2013	UNDERGRADUATE RESEARCH FELLOW WITH HONORS (UT – \$1,000)

ORGANIZATIONS

- Florida Chapter of the Wildlife Society (2016 – Present)
- Ecological Society of America (2016 – 2018)
- Entomological Society of Central Florida (2014 – 2018)
- International Biogeography Society (2014 – 2015)
- Biology Graduate Student Association (2013 – Present)
- Pi Mu Epsilon National Honorary Mathematics Society, Florida Iota Chapter (2013)

PROFESSIONAL WORKSHOPS

- “Towards the next generation of SDMs: emerging themes and methods” (University of Bayreuth, Germany)
- “Science Communication” (University of Georgia, Georgia)
- “The Technology behind S.T.E.A.M.” (Orange County Public Library, Florida)
- “Inclusive Communication” (UCF, Florida)
- Diversity certificate series: “Diversity Includes All of Us—All the Time;” “Sex, Gender and Sexual Orientation;” “Race, Ethnicity, Language, & Religion;” and “Age and Abilities/Disabilities” (UCF, Florida)

RESEARCH MENTEES

- Sydney Prall (2019)
- Chanese Eduard (2019)
- Julie Sharpe (2017 – 2019)
- Erica Castaneda (2017 – 2018)
- Gabriella Boodhoo (2017 – 2018)
- Syl'Quala Bright (2017 – 2018)
- Madison Perry (2017 – 2018)
- Victor Matos (2017 – 2018)
- Steven Vaughn (2017 – 2018)
- Ryan Domitz (2017 – 2018)
- Jake Nicol (2017 – 2018)
- Gabriel Tigreros (2017 – 2018)
- Bryan Rodriguez (2017 – 2018)
- Kyle Bryan (2014 – 2015)
- Chris Mirabile (2014 – 2015)
- Tyler Mudge (2014 – 2015)
- Henry Henderson (2014)
- Michael McClain (2014)

PROFESSIONAL REFERENCES

DR. DAVID JENKINS • (407) 243-8808 • DAVID.JENKINS@UCF.EDU

Graduate Advisor (M.S. and Ph.D.) and Professor, Dept. of Biology, University of Central Florida

DR. GRAHAM WORTHY • (407) 823-1333 • GRAHAM.WORTHY@UCF.EDU

Pegasus Professor and Department Chair, Dept. of Biology, University of Central Florida

LORI HARTSOCK • (407) 349-0959 • LHARTSOCK@SEMINOLECOUNTYGL.GOV

Program Coordinator for Seminole County Greenways and Natural Lands