AUSTIN M. SMITH
Curriculum Vitae

Department of Integrative Biology
University of South Florida
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EDUCATION

Aug. 2019 – Present	**University of South Florida**, Tampa, FL Ph.D. in Biology Concentration: Ecology & Evolution Advisor: Andrew M. Kramer Dissertation: "Species distribution models with deep learning and time-series data."
Aug. 2015 – May 2018	**University of Florida**, Gainesville, FL M.S. in Interdisciplinary Ecology Concentration: Wildlife Ecology & Conservation Advisors: Wendell P. Cropper Jr; Michael P. Moulton Thesis: "A comparison of machine learning methods to classify Chukar partridge (*Alectoris chukar)* establishment patterns in Washington state"
Aug. 2010 – Aug. 2013	**University of Florida**, Gainesville, FL B.A. in Mathematics Minor: Secondary Education
Aug. 2007 – May 2010	**Santa Fe College**, Gainesville, FL A.A. in Mathematics

EMPLOYMENT

Aug. 2022 – Present	University of South Florida	Graduate Teaching Assistant
Jan. 2020 – Aug. 2022	University of South Florida	Graduate Research Associate
Aug. 2019 – Jun. 2020	University of South Florida	Graduate Teaching Assistant
Oct. 2018 – Jun. 2020	University of South Florida	Research Associate
Jan. 2016 – Jun. 2018	University of Florida	Graduate Teaching Assistant

Aug. 2015 – Jan. 2016 University of Florida Graduate Research Assistant

COMMUNITY EXPERIENCE

Boyd Hill Nature Preserve, St. Petersburg, FL, 33705 Bird of Prey Lead Caretaker August 2018-Present

GRANTS & FUNDING

- University of Florida, Department of Wildlife Ecology & Conservation, 2017 ($1200)
- University of Florida, Department of Wildlife Ecology & Conservation, 2017 ($120)

PEER-REVIEWED PUBLICATIONS

- **A. M. Smith**, W. P. Cropper Jr., M. P. Moulton. Machine learning as a tool for managing game bird introductions. Ecological Applications. *in review*

- M. P. Moulton, W. P. Cropper Jr., **A. M. Smith**. A comment on Rock Partridge (*Alectoris graeca*) introductions. Ornithology *in review*

- **A. M. Smith**, W. P. Cropper Jr., M. P. Moulton. 2021. A quantitative assessment of site-level factors in influencing Chukar (*Alectoris chukar*) introduction outcomes. PeerJ 9:e11280 DOI 10.7717/peerj.11280

Courses Taught

- **Instructor**, PCB3043L Principles of Ecology, University of South Florida. Lab.
  - 2 sections, 23 students (each)
  - Semesters taught:
    - Spring 2022
- **Instructor**, BSC2011L Biodiversity, University of South Florida. Lab.
  - 2 sections, 25 students (each)
  - Semesters taught:
    - Fall 2019; 2022
    - Spring 2020
  - 2 sections, 25 students (each)
- **Teaching Assistant**, WIS 2040 Wildlife Issues in a Changing World, University of Florida.
  - 3 section, ~ 150 students (each)
  - Semesters taught:
    - Spring 2016; 2017; 2018
    - Summer 2016; 2017

        - Fall 2016; 2017
- **Teaching Assistant**, WIS 2552 Biodiversity Conservation: Global Perspectives, University of Florida. Online.
    - 1 section, 50 students
    - Semesters taught:
        - Spring 2016; 2017; 2018
        - Summer 2016; 2017
        - Fall 2016; 2017

PRESENTATIONS & INVITED TALKS

Conferences

- **A. M. Smith**, C. Capinha, A. M. Kramer. Predicting species distributions with environmental time-series data and deep-learning. Ecological Society of America Annual Meeting. Virtual, 2021.

- **A. M. Smith,** W. P. Cropper Jr., M. Moulton. A Comparison of Machine Learning Methods to Classify Chukar Partridge (Alectoris chukar) Establishment Patterns in Washington State. (poster). Ecological Society of America Annual Meeting. August 2018, New Orleans, LA.

PROFESSIONAL AFFILIATIONS

2018 – 2021	American Association for the Advancement of Science
2018 – Present	American Ornithological Society
2022 – Present	British Ecological Society
2017 – Present	Ecological Society of America
2018 – Present	The Wildlife Society