

## *Sonia M. Hernandez*

*Curriculum Vitae* Representing productivity during current faculty appointment at UGA, 2008-present

### CONTACT INFORMATION

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Phone: 706 296-3909 NOTE: I am residing in Spain until June, using this number +34 676 85 1912

### ACADEMIC/EDUCATIONAL HISTORY

1. Name: Sonia M. Hernandez
2. Present rank: **Josiah Meigs Distinguished Professor**, Warnell School of Forestry and Natural Resources and Southeastern Cooperative Wildlife Disease Study at the College of Veterinary Medicine, University of Georgia (UGA), Athens, GA. This is a bridge position between two schools (51-49% respectively)
3. EFT (%): 30% research; 35% instruction; 5% service
4. Tenure status: Tenured
5. Administrative Positions: **Integrative Conservation (ICON) PhD Program Graduate Coordinator**; May 2017-Present
6. Other Current Academic Positions: 2017-present: **Courtesy and Graduate faculty**-Odum School of Ecology  
2022-present: **Courtesy and Graduate faculty**-College of Public Health
7. Graduate faculty status: Full status; granted in 2008
8. Degrees earned: PhD, 2008, Ecology, University of Georgia  
Diplomate of American College of Zoological Medicine, 2002  
Doctor of Veterinary Medicine, Louisiana State University, 1996  
BA in Biology, University of New Orleans, 1996
9. Relevant professional licensures  
Georgia Veterinary License  
DEA Registration

### Recognitions and Outstanding Achievements:

2025 Richard Reiff Award for Campus Internationalization; University of Georgia

- recognizes full-time faculty members who have made exceptional contributions to global education

2023 Josiah Meigs Distinguished Professor in Teaching; University of Georgia

- recognizes excellence in instruction at the undergraduate and graduate levels

2021 Warnell School of Forestry and Natural Resources Alumni Award for Outstanding Teaching  
 2021 US Fulbright Scholar for research/teaching in Universidad Complutense, Madrid, Spain  
 2021 Nominated for UGA University-wide Creative Research Medal  
 2020 Nominated for UGA Graduate School Excellence in Mentorship Award by graduate students  
 2019 Nominated for UGA Graduate School Excellence in Mentorship Award by graduate students  
 2018 Xi Sigma Pi Herrick Professor of the Year Award  
 2018 Nominated for Office in Global Engagement Study Abroad Award  
 2017 Richard B. Russell UGA University-wide Excellence in Undergraduate Teaching Award  
 2013 Warnell School Faculty Award for Outstanding Teaching  
 2013 Continuing Educator of the Year from Western States Veterinary Conference  
 2012 American College of Zoological Medicine Presidential Award, work as Chair of the Conservation Committee  
 2009 American Association of Wildlife Veterinarians Presidential Award, work as Vice-President  
 2009 American College of Zoological Medicine Presidential Award, work on the Education Committee  
 2008 UGA Graduate Student Excellence-in-Research Award  
 2008 American Association of Zoo Veterinarians Presidential Award, exemplary work as Chair of the International Committee

### **Professional Development**

2021, Planning Committee of the UGA Faculty Affairs Teaching Symposium  
 2016, 2013, 2011 Participated in UGA Faculty Affairs Teaching Symposium  
 UGA member of the Executive Committee of the Teaching Academy (2021-present)  
 UGA Women's Leadership Fellow (2021-2022)  
 Center for the Improvement of Mentored Experiences in Research (CIMER) Facilitator Training for "Entering Mentoring" (2020)  
*My Voice My Story* Facilitator Training, focused on Diversity, Inclusion, Equity and Access in graduate research mentorship (2019)  
 UGA ASPIRE Fellow (2019-2020)  
 UGA Senior Teaching Fellow (2017-2018)  
 Inducted into the UGA Teaching Academy (2018)  
 UGA Writing Fellow (2013)  
 Faculty Learning Community on graduate student mentorship (2013)  
 UGA Junior Teaching Fellow (2011-2012)

### **INSTRUCTION**

For the past 10 years, I regularly teach the following courses every year:

- Wildlife Disease Investigation and Management (graduate level only)
- Wildlife Diseases (veterinary students only)
- Ornithology (both undergrad/grad)
- First Year Odyssey Freshmen Seminar (for first semester freshmen; I have taught 3 topics: Do You Want to be a Veterinarian, The Wonderful World of Birds and for the last 3 years, One Health in Practice)
- Conservation Medicine & Biology (study abroad in Costa Rica; under-, grad- and vet students)
- I am also the formal academic advisor for approximately 12 pre-vet undergrad students and 2-4 veterinary students per year.

**I also regularly provide guest lectures in the following courses**

- Zoo and Wildlife Medicine (vet students)
- Wildlife Techniques (undergrad, grad)
- Natural Resource Conservation (undergrad)
- Conservation Biology (grad)

**However, I have also taught/sometimes teach (most recent date taught listed)**

- Population Ecology (grad only; 2020)
- International Issues in Conservation (undergrad, non-majors; 2017)
- Natural Resources and Conservation (undergrads, non-majors; 2916)
- Wildlife Seminar for graduate students (Non-Scientific Writing for the Lay Audience; 2018)
- Teaching Practicum and Professional Development for Teaching Assistants (2011-2015)
- SCWDS Veterinary Externship (2017)

Providing **Undergraduate Research** opportunities is a priority for me. Since 2008, I have both instructed students through formal programs and informally:

- Senior Thesis-student develops discreet project that they implement over 2-3 semester and summarize in a thesis and presentation; I have mentored at least one Senior Thesis student/semester for the last 10 years (20)
- Center for Undergraduate Research Opportunities (CURO) programs-students work with me for one or several semesters with limited funding provided by CURO and present their work at the CURO symposium (5)
- GA Veterinary Scholars-veterinary students work with me in the summer to develop a discreet project which they will implement and present at the end of the program (5)
- NSF Research Experience for Undergrads-students funded through NSF work with research mentor on discreet project (4)
- Independent Research for credit-students will register for 1-various semesters to gain research experience in my lab, for course credit, which involves assessment (12)
- Undergraduate research employees-students are paid for work performed on various research projects (10)

**Service to Student Groups**

2001-present Zoological Medicine Club, College of Veterinary Medicine

2009-present Student Chapter of Wildlife Disease Association; founded new student chapter

2015-present Warnell Pre-vet club advisor

The **Supervision of Graduate Student Research** is the activity of which I am most proud.

**Summary of Graduate Student Instruction**

<u>Current</u>	<u>Degree</u>	<u>Funding source</u>	<u>Dept.</u>	<u>Status</u>
Sebastian Ortiz	ICON PhD	ICON	Warnell	In progress
Julia Silva Seixas	PhD	Warnell	Warnell	in DVM/PhD program
Kimberley Perez <sup>1</sup>	PhD	CPH/DNR grant	CPH	In progress
Doreen Chaussadas	PhD	Teaching assistantship	Ecology	In progress
Matthew Tatz <sup>1</sup>	PhD	Teaching assistantship	Warnell	In progress
<u>Completed</u>				
Jorge Rojas Jiménez	ICON PhD	ICON	Warnell	Employed by Costa Rica Wildlife Foundation
Daniella Guerrero	MNR (non-thesis MS)	none	Warnell	currently employed by GA DNR
Raquel Francisco	MS	NSF grant	Warnell	In progress

Henry Adams	MS	NSF	Warnell	Wildlife research manager; Institute for Urban Wildlife; Lincoln Park Zoo
Andrea Ayala	PhD	USDA	CVM	Post-doc Yale University
Katherine Christie	MS	Ecology	Ecology	Intern at White Oak Plantation
Matthew Tatz	MS	Teaching assistantship	Warnell	Currently PhD student
Julia Silva Seixas	MS	NSF	Warnell	current PhD student in DVM/PhD program
Rebecca Cozad	MS 2019	Warnell	Warnell	Biologist at the Nokuse Plantation
Jennifer Bloodgood	ICON PhD/DVM 2016	ICON	Warnell/CVM	Currently 3rd yr in veterinary school
Anje Kidd <sup>1</sup>	MS 2018	NSF	Warnell	Accepted for PhD program, Clemson University Fall 2018
Caroline Cummings <sup>1</sup>	MS 2019	NSF	Warnell	Teach for America Fall 2018
Albert Mercurio <sup>1</sup>	MS 2014	GRO	Warnell	Unknown
Kristy Segal <sup>1</sup>	PhD 2014	GRO	Ecology	Unknown
April Conway <sup>1</sup>	PhD 2013	Various	Warnell	Employed by State Department
Gabrielle Robinson	MS 2013	Warnell	Warnell	Employed by USFWS
Chrissy Casey	MS 2011	TA, Microbiology	CVM	Currently in veterinary school; dual degree MPH
Shaun Boone, DVM	MS 2011	DOI	Warnell	Employed in private practice
Viviana Gonzalez-Astudillo	MNR 2012	Various, NIH	Warnell	Currently in PhD program, Australia
Kerrie Anne Loyd	PhD 2012	Warnell, various	Warnell	Faculty, University of Arizona
Catharine Welch	MS 2016	Various	Warnell	Employed by UGA and USDA
Shannon Curry	PhD 2017	Warnell/NPS	Warnell	Post-doctoral associate at UGA
Carly Landa	MNR 2017	Warnell	Warnell	Employed by Rock Eagle

<sup>1</sup>=co-advised

As my career has transitioned to supporting the development of others, my focus has been providing opportunities for my grad students. **My students are frequently recognized for their achievements**, and I cannot list them all here, but my students regularly receive prestigious grants and scholarships under my guidance (NSF Graduate Research Fellowships, Ford Foundation Fellowship, American Association of University Women Fellowships, National Geographic Explorer, Fulbright Student Fellowships, as well as regularly receiving support from our regional/national conservation groups, The Oconee Rivers Audubon Society, the Georgia Ornithological Union, Kushland Award from the Waterbird Society, The Tinker Latin American Research Foundation, the etc). They are also awarded for the quality and presentation of their work, having won Graduate Research Award from the Wildlife Disease Association and the American Association of Wildlife Veterinarians, The Stoddard-Burleigh-Sutton Award for Ornithology research, the E.L. Cheatum Award, and numerous scholarships at the University of Georgia.

## ACHIEVEMENTS IN RESEARCH

### Presentations

Below I list only **Invited presentations** for the last 5 yrs. I was sole author unless otherwise noted

#### 2024

- Veterinary Medical Expo Conference, Orlando Florida
  - *Anticoagulant Rodenticide Toxicity in Wildlife*
- XXIV Congress on Veterinary Medicine, San Jose, Costa Rica
  - *Post-rehabilitation Release of Wildlife*

- *The Impact of Parasites on Wildlife Populations*
- LatinVets Conference, Barranquilla, Colombia
  - Emergent Pathogens of Wildlife
  - Zoonoses of Significance for Practitioners working with non-domestic animals

## 2023

- Veterinary Medical Expo Conference. Orlando, Florida
  - *Updates on Avian Influenza*
  - Hernandez, S., & Barron, H. (2023). *One Health and Conservation MasterClass*.
- South European Veterinary Congress. Barcelona, Spain
  - *Zoonotic Diseases of Interest to Exotic Animal Veterinarians*
  - *SARS-2 in Animal Hosts*
  - *Global Emergent Diseases of Exotic Pets*
- World Small Animal Veterinary Association Annual Conference, Lisbon, Portugal
  - *Chelonian husbandry, health and infectious diseases*
  - *Husbandry, health and diseases of Bearded Dragons*
  - *Husbandry, Health and Diseases of Backyard Poultry*
- Conservation Medicine Program Annual Conference, Chile
  - *Future Directions for Wildlife Health in an Ever-Changing World*. Remotely delivered to Andres-Bellow University, Chile

## 2022

- LatinVets, Puebla, Mexico:
  - *Women of Wildlife-Keynote Address*
  - *The impact of Lead and Mercury on Avian Populations*
  - *Global Emergent Diseases of Wildlife*
- Latin American Section of the Wildlife Disease Association, Valdivia, Chile
  - *The Participation of Women in Wildlife Health-Keynote Address*
  - *Salmonellosis in wildlife*
  - *Trade-offs of Urban Rookeries for the white ibis*
- North American Veterinary Medical Expo, January, Orlando, FL:
  - *Considerations for Field Surgery of Wildlife*
  - *Veterinary Role in Avian Conservation*
  - *Working with Species of Conservation Concern*
  - *Update on Significant Diseases of Free-living Herpetofauna*
- Virginia Tech Invited Seminar Series
  - *Why Care about Urban Wildlife Health?*

## 2021

- North American Veterinary Medical Expo 2021, June, Orlando, FL:
  - *SARS-CoV-2 in Animal Hosts*
  - *Urbanization and Wildlife Health*
- European Wildlife Disease Association Network Workshop (virtual):
  - *Working with Wildlife Rehabbers to Advance Wildlife Disease Investigation*
- Universidad Complutense, Madrid, Spain invited Seminar:
  - *Urbanization and Wildlife*
- Annual Meeting of Veterinarians, Universidad Nacional de Costa Rica (virtual):
  - *Salmonellosis in Wildlife*
- UGA Honors Program guest lecture, Athens, GA:
  - *Wildlife Health is One Health*

- Improve International: Reptile Medicine, Reptile Surgery, Wildlife Medicine, Chemical Immobilization of wildlife; Practical Reptile Surgery (8 hrs virtual lecture, 8 hrs in-person lab)
- Warnell School of Forestry and Natural Resources weekly seminar:
  - *Fulbright Fellowship Research in Spain*
- Forsyth County Extension (virtual):
  - *Selected Diseases of Songbirds*

## 2020

- 74th Annual Southeastern Association of Fish and Wildlife Agencies Conference, Springfield, MO (virtual):
  - **Hernandez, S.**, Francisco, R., Guinn, K., Mead, D. G., Burke, S., Nemeth, N., & Yabsley, M. *Experimental susceptibility of striped skunks (*Mephitis mephitis*) and raccoons (*Procyon lotor*) to SARS-CoV-2, causative agent of Coronavirus Disease 2019 (COVID-19).*
- Student Chapter of the American Veterinary Medical Association Conference. Athens, GA
  - *Urban wildlife and your health*
- North American Veterinary Medical Expo:
  - *Antimicrobial Resistance continues to be a One Health problem*
  - *The toll of Hg on avian wildlife*
  - *The Impact of microbiome in wildlife*
  - *Salmonellosis for all, your pet, your health*
- Improve International: Reptile Medicine, Reptile Surgery, Wildlife Medicine, Chemical Immobilization of wildlife; Practical Reptile Surgery (8 hrs lecture, 8 hrs lab)
- Veterinary Information Network:
  - *Conservation Medicine & One Health* (8 hr course)

## 2019

- USDA Emerging Animal Diseases Workshop, Athens, GA:
  - *Emergent diseases of herpetofauna*,
- Latin American Section of the Wildlife Disease Association, San Jose, Costa Rica:
  - *Urban Wildlife Health-Keynote address*
- Zoobiquity Annual Conference. Atlanta, GA
  - Hernandez, S., & Nichols, M. 2019. *One Health and Salmonellosis Surveillance and Response.*
- University of Georgia Herpetological Society Monthly Seminars
  - *Emergent diseases of herpetofauna*
- Odum School of Ecology Monthly Seminar Series:
  - *Wildlife in an Anthropogenic World*
- Georgia Veterinary Medical Association One Health Conference, Athens, GA;
  - *Salmonella of Wildlife*

## Scientific Conference Presentations (since 2014; **University/regional presentations not included**):

(GST=graduate student, VST=veterinary student, PST=postdoc and UST=undergraduate student that I directly mentored for this work).

1. Francisco, R, **Hernandez SM**, Barton EP, Kunkel MR, Adcock KG, Mead, DG, Ruder, MG, Broadhurst, JR and Yabsley, MJ. efficacy of surrogate Virus Neutralization Test ELISA assay varies in the detection of SARS-CoV-2 antibodies with different postmortem white-tailed deer (*Odocoileus virginianus*) biological samples. Accepted to the Journal of Wildlife Diseases, Jan 2025

2. ◇Yabsley MJ, K Perez, **SM Hernandez**, S Dean, N Castleberry GST, R Francisco GST. 2024. *Knemidocoptes* spp. infestations of passerine birds in central Georgia, USA. American Association of Veterinary Parasitologists. July 27-30, Atlanta, GA
3. <sup>UST</sup>Richmond KC, E Banda, JI Aguirre, **SM Hernandez**, and MJ Yabsley. 2024. Surveillance for ticks on outdoor workers in urban parks in Madrid, Spain. Joint Southeastern Society of Parasitology and Helminthological Society of Washington Conference, Lexington, VA, April 19
4. <sup>GST</sup>Silva-Seixas, J, **SM Hernandez**, L Garner, E Kurimo-Beechuk, D Conte, K Christie, W Norfolk, R Poulson, M Kunkel, A Weyna, MJ Yabsley, L Shender, R Cooper, NM Nemeth, E Lipp, P Frederick. 2024. From the everglades to the cities: Trade-offs of urban nesting of white ibises (*Eudocimus albus*). Greater Everglades Ecosystem Restoration Conference, April 21. Coral Springs FL
5. Edge AC, CE Mooreman, K Pacifici, DJ Mosicki, NM Nemeth, MG Ruder, E Kurimo-Beechuck, CA Cleveland, KB Garrett, MR Kunkel, AT Thompson GST, KG Adcock, CD Kreh, HM Plumpton, BA Collier, **SM Hernandez**, and MJ Yabsley. 2024. Pathogen surveillance of free-ranging wild turkeys in North Carolina: implications for the Southeast. Georgia Chapter of the Wildlife Society Annual Meeting, University of North Georgia, Dahlonega, GA.
6. <sup>UST</sup>Pearson T, J Rojas, AT Thompson GST, K Richmond UST, K Coats UST, U Rivera UST, G Cribbs UST, **SM Hernandez**, MJ Yabsley. 2024. Prevalence and diversity of *Rickettsia* species in ixodid ticks from Baird's tapirs (*Tapirus bairdii*) from Costa Rica. Georgia Entomological Society, Jekyll Island, GA, April 3-5.
7. <sup>UST</sup>Pearson T, J Rojas, AT Thompson GST, K Richmond UST, K Coats UST, U Rivera UST, G Cribbs UST, **SM Hernandez**, MJ Yabsley. 2024. Prevalence and diversity of *Rickettsia* species in ixodid ticks from Baird's tapirs (*Tapirus bairdii*) from Costa Rica. CAES Research Symposium, Athens, GA, April 3.
8. Shearer E, K Nerhood, D Siwula, MJ Yabsley, **SM Hernandez**, H Dishman, A Feldpausch, and C Dreszek. 2024. When the Conference Ends: Analyzing a COVID-19 Outbreak at an In-person Conference, Georgia, 2023. Council of State and Territorial Epidemiologists (CSTE) Annual Conference, Chicago IL
9. Nerhood K, E Shearer, D Siwula, MJ Yabsley, **SM Hernandez**, H Dishman, A Feldpausch, and C Dreszek. 2024. Fellows, Scientists, and Epidemiologists, oh my! Collaborations key to successful implementation of a COVID-19 outbreak assessment post-Public Health Emergency declaration end. Council of State and Territorial Epidemiologists (CSTE) Annual Conference, Chicago IL
10. Banda, E., Vega, A., **Hernandez, S.**, Yabsley, M., & Aguirre, J. I. (2023). How does urbanization pattern affect parasitism and immune status of the house sparrow in a large city and its periurban area? In 7th Working Group Urban Sparrows Meeting, Valencia, Spain
11. <sup>GST</sup>Rojas, J., **Hernandez, S.**, Delgado-Carao, J., Arguedas, R., Brenes-Mora, E., Flatt, E., & Whitmor, A. (2023). Establishing a Baird's tapir (*Tapirus bairdii*) population health surveillance program through a collaborative system in Costa Rica. In 11th Veterinary Medicine Congress, Escuela de Medicina Veterinaria, Universidad Nacional de Costa Rica. Heredia, Costa Rica
12. <sup>GST</sup>Tatz, M., Lance, S., & Hernandez, S. (2023). Investigating the Relationship Between Mercury, Urbanization, and Salmonella spp. in the American White Ibis (*Eudocimus albus*). In The Waterbird Society annual conference. Fort Lauderdale, FL
13. <sup>UST</sup>Pearson, T., Rojas Jimenez, J., Thompson, A., **Hernandez, S.**, & Yabsley, M. (2023). Prevalence and diversity of *Rickettsia* species in ixodid ticks from Baird's tapirs (*Tapirus bairdii*) from Costa Rica. In International annual Conference of the Wildlife Disease Association
14. <sup>GST</sup>Silva-Seixas, J., Hernandez, S., Kurimo-Beechuk, E., Norfolk, W., Cooper, R., & Lipp, E. (2023). Increased Consumption of Anthropogenic Food is Associated with Salmonella spp. Shedding in a Nestling Waterbird. In International annual conference of the Wildlife Disease Association
15. <sup>GST</sup>Francisco, R., **Hernandez, S.**, Barton, E., Adcock, K., Mead, D., & Yabsley, M. (2023). Diagnostic Tips: SARS-CoV-2 detection in White-tailed Deer. In International conference of the Wildlife Disease Association. Athens, GA
16. <sup>GST</sup>Rojas, J., **Hernandez, S.**, Yabsley, M., Arguedas, R., Brenes-Mora, E., Whitworth, A., & Flatt, E. (2023). Establishing a Baird's tapir (*Tapirus bairdii*) populations health surveillance program through a

- collaborative system in Costa Rica. In International Conference of the Wildlife Disease Association. Athens, GA
17. <sup>GST</sup>Silva-Seixas, J., **Hernandez, S.**, Garner, L., Kurimo-Beechuk, E., Conte, D., Christie, K., . . . Frederick, P. (2023). From the Everglades to the Cities: Trade-offs of Urban Nesting of White Ibises (*Eudocimus albus*). In Greater Everglades Ecosystem Restoration Conference. Coral Springs, FL
  18. <sup>GST</sup>Silva-Seixas, J., **Hernandez, S.**, Kurimo-Beechuk, E., Conte, D., Christie, K., Norfolk, W., . . . Frederick, P. (2023). Urban nesting of white ibis (*Eudocimus albus*). In The Waterbird Society annual conference. Fort Lauderdale, FL
  19. Banda, E., **Hernandez, S.**, Yabsley, M., & Aguirre, J. I. (2023). Does urban parks management in a large city affect parasitism in the tree sparrow?. In th Working Group Urban Sparrows Meeting. Valencia, Spain
  20. <sup>GST</sup>Chaussadas, D., Cymerman, J., & **Hernandez, S.** (2023). Feeding innovation and urbanization in American White Ibises (*Eudocimus albus*). In Waterbirds Society. Fort Lauderdale, Florida
  21. Pearson, T., Rojas, J., Thompson, A., Richmond, K., Coats, K., Rivera, U., . . . Yabsley, M. (2023). Prevalence and diversity of Rickettsia species in ixodid ticks from Baird's tapirs (*Tapirus bairdii*) from Costa Rica. In International Society for Vector Ecology Conference
  22. Yabsley, M., Coker, S., Welch, C., Garrett, K., Seixas, J., Nakatsu, C., . . . **Hernandez, S.** (2023). A single haplotype of *Haemoproteus plataleae* is widespread in American white ibis (*Eudocimus albus*). In International Wildlife Disease Association Conference
  23. Hall, R., Teitelbaum, C., Kidd-Weaver, A., Cymerman, J., Altizer, S., & **Hernandez, S.** (2023). Consequences of habitat specialization for infection dynamics in White Ibis. In Waterbirds Annual Meeting. Fort Lauderdale, Florida
  24. <sup>GST</sup>Francisco, R., **Hernandez, S.**, Lopez Garcia, A., Aguirre, J., Sacristan, I., & Esperon, F. (2022). A Match Made in Landfills? Exploring the diversity and burden of antimicrobial resistance genes carried by white stork (*Ciconia ciconia*) throughout the breeding season. In *70th International Wildlife Disease Association Conference*. Madison, WI
  25. <sup>GST</sup>Wilson, C., **Hernandez, S.**, Altizer, S., & Hall, R. (2022). Urbanization, food provisioning, and transmission-relevant behaviors in Florida. In *Ecological Society of America*. Montreal, Canada
  26. Hall, R., Kidd-Weaver, A., <sup>GST</sup>Teitelbaum, C., Cymerman, J., **Hernandez, S.**, & Altizer, S. (2022). Using Movement Data and Models to Quantify Habitat Specialization and Its Consequences for Infection in White Ibis in An Urbanizing Landscape. In The Wildlife Society Annual Conference. Spokane, Washington
  27. <sup>GST</sup>Rojas, J., **Hernandez, S.**, Chandler, R., Hepinstall-Cymermann, J., & Jordan, C. (2022). Preliminary evaluation of a Biological Corridor in Costa Rica where tapirs and horses coexist: possible transmission of parasite interspecies. In Biannual conference of the Latin-American Wildlife Disease Association Section. Valdivia, Chile
  28. Yabsley, M., & **Hernandez, S.** (2022). Surveillance for gastrointestinal, subcutaneous, and ectoparasites of invasive North American raccoons (*Procyon lotor*) in central Spain. In 70th Annual International Conference Wildlife Disease Association
  29. <sup>GST</sup>Perez, K., Norfolk, W. Lipp, E., & **Hernandez, S.** (2022). Salmonella Environmental Persistence Informs Management Relevant to Avian and Public Health. In 70th Annual International Wildlife Disease Association Conference
  30. <sup>GST</sup>Silva-Seixas, J., **Hernandez, S.**, Garner, L., Kurimo-Beechuk, E., Christie, K., Norfolk, W., . . . Frederick, P. (2022). Are urban rookeries ecological sources or sinks? Trade-offs to urban nesting in a wetland bird. In 70th Annual International Wildlife Disease Association Conference
  31. Yabsley, M., & **Hernandez, S.** (2022). Surveillance for gastrointestinal, subcutaneous, and ectoparasites of invasive North American raccoons (*Procyon lotor*) in central Spain. In Southeastern Society of Parasitologists
  32. <sup>GST</sup>Wilson, C., **Hernandez, S.**, Altizer, S., & Hall, R. (2022). Urbanization, food provisioning, and transmission-relevant behaviors in Florida white. In *Ecology and Evolution of Infectious Diseases*. Atlanta, GA
  33. <sup>UST</sup>Christie, K., Norfolk, W., Silva Seixas, J., Razier, S., Lipp, E., Poulson, B., & **Hernandez, S.** (2022). Salmonella and Avian Influenza Virus Dynamics of an Urban-breeding White Ibis. In *Student Conference*

for Conservation Science. American Museum of Natural History, New York City, NY

Invited

34. <sup>GST</sup>Silva Seixas, J., Kurimo-Beechuk, E., Conte, D., Garner, L. A., & **Hernandez, S.** (2021). Insights on the Diet of Urban White Ibis (*Eudocimus albus*) Nestlings. In International Wildlife Disease Association. Cuenca, Spain (virtual)
35. <sup>VST</sup>Pike, C., **Hernandez, S.**, Nemeth, N., & Yabsley, M. (2021). Retrospective summary of chelonian admissions to SCWDS. In *USGS-SCWDS Herpetofauna Health and Disease Webinar*
36. <sup>GST</sup>Rojas-Jimenez, J., **Hernandez, S.**, Chandler, R., Gragson, T., Hepinstall-Cymerman, J., & Jordan, C. (2021). Gardeners of the forest: study of their movements, habitat preferences and human-tapir interactions in a fragmented landscape of the CBTM. In *Annual Veterinary Medicine Conference, College of Vet Med National University*. Heredia, Costa Rica
37. <sup>GST</sup>Francisco, R., **Hernandez, S.**, Mead, D., Nemeth, N., & Yabsley, M. (2021). Experimental susceptibility of North American raccoons (*Procyon lotor*) and striped skunks (*Mephitis mephitis*) to SARS-CoV-2. In Annual conference of the Wildlife Disease Association. Cuenca, Spain (virtual)
38. <sup>GST</sup>Wilson, C., **Hernandez, S.**, Altizer, S., & Hall, R. (2021). How does behavioral variation drive animal-pathogen interactions in urban landscapes? American white ibis as a case study. In CEID Animal Behavior and Parasitism. Virtual
39. **Hernandez, S.**, <sup>GST</sup>Ayala, A., Oliver, T., Miller, P., & Afonso, C. 2020. Pathogen transmission at the domestic-wild animal interface. American Association of Zoo Vets. September, Virtual
40. **Hernandez, S.**, <sup>GST</sup>Ortiz, S., Rozier, S., & Lipp, E. 2020. *Salmonella* Dynamics of Raccoons (*Procyon lotor*). American Association of Zoo Vets. Virtual
41. Yabsley, M., du Bray, M., Gleim, E. K., Nordone, S. S. K., Mather, T. N., Chinnici, N., . . . **Hernandez, S.** 2020. Has COVID-19 stay-at-home order changed the risk of tick exposure for dogs? In American Association of Veterinary Parasitologists annual conference. Virtual.
42. <sup>GST</sup>Rojas, J., & **Hernandez, S.** 2020. Biological, social and ecological factors affecting Baird's tapir (*Tapirus bairdii*) conservation in a fragmented landscape, in Northwestern Costa Rica. In Integrative Conservation Conference. Athens, GA
43. **Hernandez, S.**, <sup>GST</sup>Adams, H., <sup>GST</sup>Kidd-Weaver, A., & Cymerman, J. 2019. Urban land use, movement and seasonality of white ibis in South Florida. Greater Everglades Ecosystem Restoration Conference. Coral Springs, FL
44. Cymerman, J., <sup>GST</sup>Kidd, A., Teitelbaum, C., & **Hernandez, S.** 2019. Movement ecology and resource selection of an urbanizing species, the American White Ibis. In The Wildlife Society Annual Conference. Reno, Nevada
45. **Hernandez, S.**, <sup>GST</sup>Ortiz, S., Lipp, E., Ayala, A., Cleveland, C., Cooper, E., . . . Yabsley, M. 2019. Raccoons, feral cats and humans: Urbanization effects on wildlife health and zoonoses. In International Wildlife Disease Association Meeting, Lake Reno, Nevada
46. <sup>GST</sup>Adams, H., Yabsley, M., **Hernandez, S.**, Gray, M., & Connelly, S. 2019. Initiating surveillance for the pathogenic fungus, *Batrachochytrium salamandrivorans*, in highland Costa Rican salamander populations. In International Wildlife Disease Association Meeting, Lake Reno, Nevada
47. <sup>GST</sup>Curry, S., Kidd, A., Cymerman, J., & Hernandez, S. 2019. Urban habitat use relates to anthropogenic diet and physiology for the white ibis in South Florida. International Urban Wildlife Conference. Portland, OR
48. <sup>GST</sup>Welch, C., & **Hernandez, S.** 2019. Urban white ibis face trade-offs in south Florida. One Health Initiative Symposia at the American Ornithological Society. Anchorage, Alaska
49. Garrett, K., Yabsley, M., **Hernandez, S.**, & Nemeth, N. 2019. High diversity of cryptic piroplasm infections in raccoons (*Procyon lotor*) from selected areas in the United States and Canada. In *Molecular Parasitology and Vector Biology Symposium*
50. <sup>GST</sup>Becker, D., Teitelbaum, C., Murray, M. H., **Hernandez, S. M.**, Altizer, S., & Hall, R. 2018. Disentangling the contributions of intraspecific and exogenous sources of infection on *Salmonella* transmission dynamics in urbanized white ibis. The Society for Integrative and Comparative Biology. San Francisco, CA

51. Suarez, D., <sup>GST</sup>Ayala, A. J., Oliver, T. L., Alfonso, C. L., Miller, P. J., & **Hernandez, S. M.** 2017. Susceptibility of Common Backyard Songbirds to the Avian Avulavirus-1 LaSota Vaccine Strain. PRDCAP & NC-1180 Joint Annual Meeting. San Diego, CA
52. <sup>GST</sup>Cozad, R., Norton, T., Aresco, M., Tuberville, T., Allender, M., & **Hernandez, S. M.** 2017. Detection of *Ranavirus* in Translocated Gopher Tortoises in Florida, USA. Turtle Survival Alliance's 15th Symposium on the Conservation & Biology of Tortoises & Freshwater Turtles. Charleston, SC
53. <sup>GST</sup>Curry, S., **Hernandez, S. M.**, Green, G. T., Larson, L. L., <sup>GST</sup>Welch, C. N., Kistler, W., & Yabsley, M. J. 2017. Assessing public motivations for feeding wildlife to inform management of wildlife health. Wildlife Disease Association conference, San Cristobal de las Casas, Mexico
54. **Hernandez SM**, Loyd KA, <sup>GST</sup>Gatrell C, Newton A, & Abernathy K. 2017. Understanding the effects of domestic cats on wildlife. Wildlife Disease Association Conference. San Cristobal, Mexico
55. <sup>GST</sup>Bloodgood, J. C. G., Hernandez, S. M., Norton, T. M., Hoopes, L. A., Thompson, P., & Waltzek, T. 2017. The effect of diet on the gastrointestinal microbiome of rehabilitating green sea turtles and its implications for released individuals. Wildlife Disease Association Conference. San Cristobal, Mexico
56. <sup>PST</sup>Murray, M., <sup>GST</sup>Kidd, A., Cymerman, J., & **Hernandez, S. M.** 2017. From nomadic to hand-fed: shifts in diet and behavior in a recently urbanized wading bird. International Urban Wildlife Conference. San Diego, CA
57. <sup>GST</sup>Kidd, A., Cymerman, J., Murray, M. H., & **Hernandez, S. M.** 2017. The movement behavior of the American White Ibis differs across a gradient of urbanization. International Urban Wildlife Conference. San Diego, CA
58. **Hernandez, S. M.**, Loyd, K., <sup>GST</sup>Gatrell, C., Newton, A., Green, G., Abernathy, K., & Marshall, G. 2017. Using KittyCams to Measure the Effects of Cats on Wildlife. NAVC. Orlando, FL
59. <sup>GST</sup>Cozad, R., Norton, T., Aresco, M., Tuberville, T., Breakfield, D., & **Hernandez, S. M.** 2017. Descriptive summary of translocated gopher tortoise mortality event at a protected site in Northwest Florida. Southeastern Partners in Reptile & Amphibian Conservation Meeting. Little Rock, Arizona
60. <sup>GST</sup>Cozad, R., Norton, T., Aresco, M., Tuberville, T., Breakfield, D., & **Hernandez, S. M.** 2017. Investigating Translocated Gopher Tortoise Health and Mortality in Northwest Florida. Gopher Tortoise Council Meeting. Palatka, FL.
61. <sup>PST</sup>Murray, M., Rozier, R. S., Lipp, E., Adams, H., Ellison, T., Kidd, A., **Hernandez, S. M.** 2017. Consequences of anthropogenic food provisioning for enteric and ectoparasite infections in an urban wading bird. Ecology and Evolution of Infectious Disease. University of California, Santa Barbara
62. <sup>GST</sup>Cummings, C. R., Khan, N. Y., Murray, M., Ellison, T., Welch, C. N., **Hernandez, S. M.**, & Navara, K. J. 2017. Influences of Urban Life and Anthropogenic Feeding on Stress and Immunity in White Ibises. Integrative and Comparative Biology, New Orleans, La
63. <sup>GST</sup>Cozad, R., Aresco, M., Breakfield, D., & **Hernandez, S. M.** 2017. Density and Health Status Effects on Home Range Estimates of Translocated Gopher Tortoises in Florida, USA. Poster session presented at the meeting of Turtle Survival Alliance's 15th Annual Symposium on the Conservation and Biology of Tortoises and Freshwater Turtles, Charleston, NC
64. <sup>GST</sup>Kidd, A., Cymerman, J. H., Murray, M. H., & **Hernandez, S. M.** 2017. The movement behavior of the American White Ibis differs across a gradient of urbanization. Poster session presented at the meeting of Gordon Research Conference: Movement Ecology of Animals, Ventura, CA
65. <sup>GST</sup>Kidd, A. D., Cymerman, J. H., Murray, M. H., & **Hernandez, S. M.** 2016. Habitat use and resource selection of a wading bird along an urbanization gradient. Wildlife Society Conference, Raleigh, NC.
66. <sup>GST</sup>Cozad, R., Norton, T. M., Aresco, M., Tuberville, T., Breakfield, D., & **Hernandez, S. M.** 2016. Investigating translocated gopher tortoise health and mortality in Northwest Florida. Gopher Tortoise Council Meeting
67. <sup>PST</sup>Murray, M., **Hernandez, S. M.**, Rozier, R., Hepinstall-Cymerman, J., <sup>GST</sup>Kidd, A., & Lipp, E. 2016. Changes in the foraging behavior of American white ibis with urbanization increase their risk of infection with *Salmonella enterica*. The Wildlife Society Annual Conference, Charlotte, NC.

68. **Hernandez, S. M.**, <sup>GST</sup>Gatrell, C., Newton, A., Green, G., Abernathy, K., & Loyd, K. 2016. Kittycams to Understand the Effects of Free-Roaming Colony Cats on Wildlife. The Wildlife Society Annual Conference, Raleigh, NC.
69. Buck, K., Yabsley, M. J., & **Hernandez, S. M.** 2016. Distribution and prevalence of *Babesia* in raccoons in North America. International Wildlife Disease Association Conference, Ithaca, NY.
70. **Hernandez, S. M.**, <sup>GST</sup>Welch, C. N., Peters, V. E., Lipp, E. K., <sup>GST</sup>Curry, S., Yabsley, M. J., Maurer, J. J. 2016. Urbanized white ibises are carriers of *Salmonella enterica* significant to public health and wildlife. International Wildlife Disease Association Conference. Ithaca, New York
71. <sup>PST</sup>Murray, M., **Hernandez, S. M.**, Rozier, R. S., Hepinstall-Cymerman, J., <sup>GST</sup>Kidd, A., & Lipp, E. 2016. Higher rates of environmental contamination and site fidelity associated with increased prevalence of *Salmonella enterica* in urban American white ibis. Wildlife Disease Association Annual International Conference, Ithaca, NY.
72. <sup>GST</sup>Bloodgood, J. C. G., **Hernandez, S. M.**, Norton, T. M., & Hoopes, L. A. 2016. Assessing nutritional needs in green sea turtles using fatty acid and stable isotope analyses. Wildlife Disease Association Conference, Ithaca, NY.
73. <sup>GST</sup>Curry, S. E., **Hernandez, S. M.**, Navara, K., <sup>GST</sup>Welch, C. N., Murray, M., & Yabsley, M. J. 2016. Effects of altered diet and habitat use on stress and immune function of White Ibis in urban South Florida. Wildlife Disease Association International Conference, Ithaca, NY.
74. <sup>GST</sup>Ortiz, S., **Hernandez, S. M.**, Yabsley, M., Stedman, N. L., Nelson, S., Carswell, B., Norton, T. M. 2016. Introduction and Establishment of Raccoon Rabies on Islands: Jekyll Island, Georgia as a Case Study. Wildlife Disease Association Annual International Conference, Ithaca, NY.
75. <sup>GST</sup>Kidd, A. D., **Hernandez, S. M.**, Murray, M. H., & Cymerman, J. H. 2016. Changes in habitat use of American White Ibis along an urbanization gradient in South Florida, Wildlife Disease Association Annual Conference, Ithaca, NY.
76. <sup>GST</sup>Buck, K., Yabsley, M. J., & **Hernandez, S. M.** 2016. Distribution and prevalence of *Babesia* spp. in raccoons in the United States and Canada. In The Wildlife Society meeting, Raleigh, NC.
77. **Hernandez, S. M.**, & Mulcahy, D. M. 2016. How and What Can We--Should We--Learn About Working With Biologists? American Association of Zoo Veterinarians conference, Atlanta, GA.
78. <sup>GST</sup>Bloodgood, J., & **Hernandez, S. M.** 2016. How are wildlife biologists trained in wildlife health?. American Association of Zoo Veterinarians Conference, Atlanta, GA
79. <sup>GST</sup>Bloodgood, J., Green, G., Heynen, N., Higgins, K., Norton, T. M., Hoopes, L. A., & **Hernandez, S. M.** 2016. Conservation education centers as boundary organizations for veterinary outreach. American Association of Zoo Veterinarians Conference, Atlanta, GA.
80. <sup>PST</sup>Murray, M., **Hernandez, S. M.**, Rozier, R. S., Hepinstall-Cymerman, J., <sup>GST</sup>Kidd, A., & Lipp, E. 2016. Changes in the site fidelity of urban American white ibis are associated with increased prevalence and potential spread of *Salmonella enterica*. Ecology and Evolution of Infectious Disease, Ithaca, NY
81. <sup>GST</sup>Wickson, A., Beasley, J. C., Holland, A. E., Martinsen, E., West, C., Bryan, A. L., . . . Yabsley, M. 2016. Widespread occurrence of a novel lineage of an avian haemosporidian in a New World Vulture. In Southeastern Society of Parasitologist meeting, Charlotte, NC
82. <sup>GST</sup>Kidd, A. D., Cymerman, J., Murray, M. H., & **Hernandez, S. M.** 2016. Movement ecology of American White Ibis in South Florida, USA. US Regional Association of the International Association for Landscape Ecology, Asheville, NC.
83. Yabsley, M. J., Buck, K., & **Hernandez, S. M.** 2016. Distribution and prevalence of *Babesia* spp. in raccoons in the United States and Canada. Southeastern Society of Parasitology, Charlotte, NC.
84. <sup>GST</sup>Curry, S., **Hernandez, S. M.**, & Green, G. T. 2016. Human-wild bird interactions at urban parks in Palm Beach County, Florida. In Southeastern Recreation Research Conference, Athens, GA
85. <sup>GST</sup>Bloodgood, J., Green, G., Heynen, N., Higgins, K., Norton, T. M., Hoopes, L. A., & **Hernandez, S. M.** 2016. Can conservation education centers act as boundary organizations for veterinary outreach? Southeastern Recreation Research Conference, Athens, GA
86. <sup>PST</sup>Murray, M., Lipp, E. K., Rozier, R., Hepinstall-Cymerman, J., <sup>GST</sup>Kidd, A., & **Hernandez, S.** 2016. Changes in the foraging behavior of American white ibis with urbanization and implications for pathogen

- transmission. Society for Conservation Biology. North American Congress for Conservation Biology, Madison, WI.
87. <sup>GST</sup>Becker, D. J., Altizer, S., Hall, R. J., & **Hernandez, S.** 2016. Setting the table for wildlife disease outbreaks: resource provisioning, pathogen transmission and disease emergence in humans and wildlife. Ecological Society of America Annual Meeting, Fort Lauderdale, FL.
  88. **Hernandez SM;** <sup>GST</sup>Gatrell C; Newton A; Green G; Abernathy K; Loyd K. The use of KittyCams to Understand the effects of Free-Roaming cats on Wildlife. 2015. American Association of Zoo Veterinarians Conference, Portland, OR
  89. <sup>GST</sup>Gonzalez-Astudillo V; **Hernandez SM;** Yabsley MJ; Mead DG; Keel MK; Munk B; Fischer JR; Ruder M; Brown JD; Peters V. 2015. Mortality of passerines and relatives submitted to a wildlife diagnostic laboratory: a 36-year retrospective analysis. 2015. University of Queensland School of Veterinary Science Research Conference, Queensland, Australia.
  90. <sup>GST</sup>Bloodgood J; **Hernandez SM.** 2015. The use of nutritional markers, stable isotopes, and metagenomics for understanding nutrition in rehabilitated green sea turtles. December 2015. Florida Keys Sea Turtle Workshop, Marathon, FL.
  91. <sup>GST</sup>Coker S; Kistler WM; Curry S; Welch C; Barron H; Harsh S; **Hernandez SM;** Yabsley MJ A single haplotype of *Haemoproteus* is widespread in American White Ibis from urban and rural sites in Southern Florida. 2015. Wildlife Disease Association annual conference, Queensland, Australia.
  92. Wilde SB; Haram B; **Hernandez S;** Terrell V; Maerz J. 2015. It's not just "for the birds" anymore; expanding locations and species at risk from Avian Vacuolar Myelinopathy (AVM). Aquatic Plant Management Society Conference, Myrtle Beach, SC.
  93. Fenton H; Barron H; Yabsley MJ; **Hernandez SM;** Kistler W; Ballard J; Wolf D; Cunningham M; Miller D. 2015. Mortality event associated with FV3 in Florida box turtles. Third International Symposium on Ranaviruses, Gainesville, FL.
  94. <sup>GST</sup>Curry S; **Hernandez SM.** 2015. Public perceptions of urban birds and disease dynamics in Palm Beach County, Florida. Georgia Ornithological Society Winter Meeting, Savannah, GA.
  95. <sup>GST</sup>Curry S; **Hernandez SM.** 2015. Measuring pathogen prevalence, stress, and immune function of urbanized White Ibis in South Florida. International Urban Wildlife Conference, Chicago, IL.
  96. <sup>GST</sup>Curry S; **Hernandez SM.** 2015. Perceptions of wild birds, bird feeding, and disease risk in urban South Florida. May 2015. International Urban Wildlife Conference, Chicago, IL.
  97. <sup>GST</sup>Coker SM; Kistler WM; Curry SE; Welch CN; Barron HW; Harsh S; **Hernandez SM;** Yabsley MJ. 2015. A single haplotype of *Haemoproteus* is widespread in American White Ibis from urban and rural sites in Southern Florida. Southeastern Society of Parasitologists, Blacksburg, VA.
  98. <sup>GST</sup>Curry S; **Hernandez S;** Green GT. 2015. Disease risk perception and visitor bird feeding behavior change at an urban park in Palm Beach County Florida. Southeastern Recreation Resource Conference, Athens, GA
  99. <sup>GST</sup>Curry S; **Hernandez SM;** Green G. 2015. Human-wild bird interactions at urban parks in Palm Beach County, Florida. Southeastern Recreation Research Conference, Athens, GA.
  100. <sup>GST</sup>Bloodgood J; **Hernandez SM.** 2015. Evaluation of the nutritional status of rehabilitated green sea turtles. February 2015. Southeast Regional Sea Turtle Meeting, Myrtle Beach, SC.
  101. **Hernandez SM,** Welch CN, Curry S, Yabsley MJ, Sanchez S, Maurer J, Altizer S, and Navara K. Urbanized Wildlife, You are Where You Live. Association of Zoo Veterinarian's annual conference, Orlando FL, Oct 2014
  102. **Hernandez SM,** Yabsley MJ, Kistler W, Poulson B, Welch CN, Curry S, Sanchez S, Maurer J, Frederick P and Gawlik D. Does Urbanization Impact Movement Patterns and Pathogen Prevalence of White Ibis? Wildlife Disease Association annual conference, Albuquerque, NM, August, 2014
  103. <sup>GST</sup>Curry, S. E., S. M. **Hernandez,** and G. T. Green. 2014. Public perceptions of wild birds and bird feeding activity. Southeastern Recreation Research Conference, Asheville, NC,

### **Selected Publications since 2008**

**Publications** *Last position or first/second position indicates position as PI creating/overseeing research; PST(post-doc) GST(graduate), UST(undergraduate), VST(veterinary), # (interns/residents) students. Some publications reflect previous names: Hernandez-Divers or Foerster*

### Books authored/edited

1. **Hernandez SM**, H. W. Barron, E. Miller, R. Aguilar, & M. J. Yabsley (Eds.). *Medical Management of Wildlife Species: A Guide for Practitioners*. 30 Wiley Publishing, October 2019.
2. Aguilar, R.F., **SM. Hernandez**, S. Divers and D. Perpinan (eds.). 2010. 2nd Edition. Atlas of Exotic Animal Medicine. Editorial Inter-Médica. Buenos Aires, Argentina. Book is in Spanish and Portuguese. Distributed in all of Latin America, Spain, and Portugal. 450 pp. >500 color images.
3. Associate Editor for two chapters in book Neotropical Cervidology: Biology and Medicine of Latin American Deer. 2010. José Maurício Barbanti Duarte and Susana González (Eds). Funep / IUCN.
4. Aguilar RF, **Hernandez-Divers SM** and Hernandez-Divers SJ (eds.) (2008). Atlas de Medicina, Terapéutica y Patología de Animales Exóticos (Atlas of Medicine, Therapy and Pathology of Exotic Animals). Editorial Inter-Médica, Buenos Aires, Argentina. 1st Edition.
5. **Hernandez-Divers SM** (2002). Keeping Unusual Pets: Geckos. Textbook for children ages 8-10. Heinemann Library, Oxford, UK. ISBN# 1403408300
6. **Hernandez-Divers SM** (2002). Keeping Unusual Pets: Snakes. Textbook for children ages 8-10. Heinemann Library, Oxford, UK. 2002. ISBN# 1403402841

### Book Chapters

1. **Hernandez SM**, Murray M. Land Use Changes. In: Infectious Disease Ecology of Wild Birds. Owen J, Huyvaert K, and Hawley D (eds). Oxford University Press, 2021.
2. Jessup D, **Hernandez SM**, Lepszyk C, Cherkassky L and Gerhold R. Wild Birds, Cats and One Health. In: Current Therapy in Avian Medicine and Surgery. Speer B (ed). 2<sup>nd</sup> ed. Elsevier, 2020
3. **Hernandez SM**. Salmonellosis. In: Field manual of wildlife diseases in the southeastern United States. Nemeth NM, Yabsley MJ (eds). 2020.
4. Jessup D, **Hernandez SM**, Lepszyk C, Cherkassky L and Gerhold R. Wild Birds, Cats and One Health. In: Current Therapy in Avian Medicine and Surgery. Speer B (ed). Elsevier, 2020
5. Lloyd, K. A., & **Hernandez, S. M.** The Feral Cat Dilemma. In Fowler Zoo and Wildlife Medicine, 9th Ed. 2018.
6. **Hernandez SM**, J Bailey and L Padilla. 2014. Tapirs. In: G West, D Heard and N Caulkett. Zoo Animal and Wildlife Immobilization and Anesthesia, 2<sup>nd</sup> ed. Blackwell publishing, Ames Iowa
7. **Hernandez-Divers SM** and Bailey J. 2007. Chemical Immobilization of Tapirs. Edited by G. West, D. Heard and N. Caulkett. Zoo Animal & Wildlife Immobilization and Anesthesia. Blackwell Publishing.
8. **Hernandez-Divers SM** and Hernandez-Divers SJ (2005). Reptiles. In: *The Wildlife Center of Virginia's Field Manual for the Care of Confiscated Neotropical Wildlife*. Edited by Sleeman J and Clark E. National Fish and Wildlife Foundation, International Fund for Animal Welfare.
9. Moon P and **Foerster SM** (2000). Aquatic Turtle Anesthesia. In: Zoological Restraint and Anesthesia. D. Heard (ed.) Ithaca: International Veterinary Information Service. On-line text, B0184:1201. (<http://www.ivis.org/>)
10. **Hernandez-Divers SM** (2000). Capture and Immobilization of Free-Ranging Baird's Tapirs in Costa Rica. In: Zoological Restraint and Anesthesia, Heard D. (ed.) Ithaca: International Veterinary Information Service, B0184:1201. (<http://www.ivis.org/>)

**Journal articles (peer reviewed only; 22 additional articles prior to 2008 not listed)** GST=graduate student, VST=veterinary student, PST=postdoc and UST=undergraduate student that I directly mentored for this work

1. <sup>GST</sup>Francisco, R., **S. M. Hernandez**, E. P. Barton, M. R. Kunkel, K. G. Adcock, D. G. Mead, M. G. Ruder, J. R. Broadhurst, and M. J. Yabsley. 2024. Surrogate Virus Neutralization Test ELISA efficacy

- with different white-tailed deer (*Odocoileus virginianus*) biological samples. Accepted by the *Journal of Wildlife Diseases*, September, 2024
2. <sup>GWT</sup>Adams, HC, Markham KE, Madden M, Gray MJ, Bolanos Vives F, Chaves G, and **Hernandez SM**. 2024. Geographic risk assessment of *Batrachochytrium salamandrivorans* invasion in Costa Rica as a means of informing emergence management and mitigation. PLoS ONE 19(12): e0293779. <https://doi.org/10.1371/journal.pone.0293779>.
  3. <sup>GST</sup>Tatz MJ, Lance SL, **Hernandez SM**. Mercury Exposure Is Associated with Urbanization but not Salmonella Status in White Ibis (*Eudocimus albus*). *J Wildl Dis*. 2024 Jul 1;60(3):769-773. doi: 10.7589/JWD-D-24-00002. PMID: 38754863.
  4. <sup>GST</sup>Shock BC, Jones HH, Garrett KB, **Hernandez SM**, Burchfield HJ, Haman K, Schwantje H, Telford SR, Cunningham MW, Yabsley MJ. Description of *Babesiacoryicola* sp. nov. from Florida pumas (*Puma concolor coryi*) from southern Florida, USA. *Int J Parasitol Parasites Wildl*. 2024 Jul 6;24:100963. doi: 10.1016/j.ijppaw.2024.100963. PMID: 39169986; PMCID: PMC11337720.
  5. <sup>GST</sup>Wilson, CA, **Hernandez, SM**, Weil, JNu, Ezenwa, VO, Altizer S and Hall, RJ.. Human-provided food increases aggregation but does not change activity budgets in an urban wading bird. *Journal of Urban Ecology*, Volume 10, Issue 1, 2024, juae017, <https://doi.org/10.1093/jue/juae017>
  6. **Hernandez, S. M.**, Curry, S. E<sup>GST</sup>., Murray, M. H., Hoopes, L. A., Nilsen, R., Gregory, C., . . . Gottdenker, N. L. (2023). An Acute Mortality Event Associated with Novel *Macrorhabdus ornithogaster* Infection and Underlying Factors in a Newly-Established Captive Group of American White Ibis (*Eudocimus albus*) Nestlings.. *J Wildl Dis*, 59(4), 759-766. doi:[10.7589/JWD-D-22-00141](https://doi.org/10.7589/JWD-D-22-00141)
  7. Laity, K., Conway, A<sup>GST</sup>., **Hernandez, S. M.**, Carroll, J. P., & Ejigu, D. (2023). Occupancy and abundance of a West African mangabey species (*Cercocebus atys Audebert*, 1797) in forest patch habitat. *African Journal of Ecology*; doi:[10.1111/aje.13139](https://doi.org/10.1111/aje.13139)
  8. Yabsley, M. J., Coker<sup>GST</sup>, S. M., Welch, C. N., Garrett, K. B., Murray, M., Grunert, R., . . . **Hernandez, S. M.** (2023). A single Haemoproteus plataleae haplotype is widespread in white ibis (*Eudocimus albus*) from urban and rural sites in southern Florida. *Int J Parasitol Parasites Wildl*, 21, 269-276. doi:[10.1016/j.ijppaw.2023.06.010](https://doi.org/10.1016/j.ijppaw.2023.06.010)
  9. Patel, K., Stapleton, G. S., Trevejo, R. T., Tellier, W. T., Higa, J., Adams, J. K., **Hernandez S.M.**, Sanchez, S., Nemeth N, Debess, E. S., Rogers, K. H., Mete, A., Watson, K.D., Foss, L., Low, M.S.F., Gollarza, L.,Nichols, M. (2023). Human Salmonellosis Outbreak Linked to Salmonella Typhimurium Epidemic in Wild Songbirds, United States, 2020–2021. *Emerging Infectious Diseases*, 29(11). doi:[10.3201/eid2911.230332](https://doi.org/10.3201/eid2911.230332)
  10. <sup>GST</sup>Francisco R, **Hernandez SM**, Mead DG, Adcock KG, Burke SC, Nemeth NM, Yabsley MJ. SARS-CoV-2 Susceptibility: Raccoons and Skunks Experimental susceptibility of North American raccoons (*Procyon lotor*) and striped skunks (*Mephitis mephitis*) to SARS-CoV-2. *Front. Vet. Sci.*, 2022. Sec. Veterinary Epidemiology and Economics
  11. <sup>GST</sup>Ayala, A. J., Haas, L. K., Williams, B. M., Fink, S. S., Yabsley, M. J., & **Hernandez, S. M.** (2022). Risky business in Georgia's wild birds: contact rates between wild birds and backyard chickens is influenced by supplemental feed. *Epidemiology and Infection*, 150, 9 pages. doi:[10.1017/S0950268822000851](https://doi.org/10.1017/S0950268822000851)
  12. <sup>UST</sup>García Sanjuán C, Aguirre JI, Villaverde S, Banda E, **Hernandez SM**, Yabsley MJ. Surveillance for gastrointestinal, subcutaneous, and ectoparasites of invasive North American raccoons (*Procyon lotor*) in central Spain. *Veterinary Parasitology: Regional Studies and Reports*, Vol 36, 2022, 100793, ISSN 2405-9390
  13. **Hernandez SM**, Maurer J, Yabsley MJ, Peters VE, Presotto A, Murray MH, Curry S, Sanchez S, Gerner-Smidt P, Hise K, Huang J, Johnson K, Kwan T, Lipp EK. Free-Living Aquatic Turtles as Sentinels of Salmonella spp. for Water Bodies. *Front Vet Sci*. 2021 Jul 22;8:674973. doi: 10.3389/fvets.2021.674973. eCollection 2021.
  14. Silva Seixas J, **Hernandez SM**, Kunkel MR, Weyna AAW, Yabsley MJ, Shender L, Nemeth NM. 2021. West Nile Virus Infections in an Urban Colony of American White Ibises (*Eudocimus albus*) in South Florida. *J Wildl Dis*. 2022 Jan 1;58(1):205-210. doi: 10.7589/JWD-D-21-00030.

15. **Hernandez SM**, Curry SE, Murray MH, Hoopes LA, Nilsen R, Gregory C, Ritchie B, Adkins K, Cooper RE, Ellison TJ, Adams HC, Yabsley MJ, Howerth E, Gottdenker N. Mortality event in a wild-caught experimental colony of captive American white ibis (*Eudocimus albus*) associated with proventriculitis infection with a *Macrorhabdus* species. In review Journal of Wildlife Diseases, submitted March 2021.
16. Murray MH, **Hernandez SM**, Rozier RS, Kidd AD, Hepinstall-Cymerman J, Curry SE, Yabsley MJ, Adams H, Ellison T, Welch CN, Lipp E. Site fidelity is associated with food provisioning and *Salmonella* in an urban wading bird. *Ecohealth*. 2021 Sep;18(3):345-358.doi: 10.1007/s10393-021-01543-x. Epub 2021 Aug 27.
17. <sup>GST</sup>Teitelbaum CS, Hepinstall-Cymerman J, Kidd-Weaver A, **Hernandez SM**, Altizer S, Hall RJ. 2020. Urban specialization reduces habitat connectivity by a highly mobile wading bird. *Movement Ecology* volume 8, Article number: 49
18. <sup>VST</sup>Conrad J, J Norman<sup>VST</sup>, A Rodriguez, P Dennis, R Arguedas, C Jimenez, JG Hope, MJ Yabsley, and **Hernandez SM**. 2021. Demographic and pathogens of domestic, free-ranging pets and the implications for wild carnivores and human health in the San Luis region of Costa Rica. *Veterinary Sciences*. 8(4), 65; <https://doi.org/10.3390/vetsci8040065>
19. <sup>GST</sup>Cummings CR, Khan NY, Murray MM, Ellison T, Welch CN, **Hernandez SM**, Navara K. Foraging in Urban Environments Increases Bactericidal Capacity in Plasma and Decreases Corticosterone Concentrations in White Ibises. *Front. Ecol. Evol.*, 14 December 2020 | <https://doi.org/10.3389/fevo.2020.575980>
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