M. CLAY GREEN - VITA

I. ACADEMIC/PROFESSIONAL BACKGROUND

NAME: M. Clay Green TITLE: Associate Professor

EDUCATIONAL BACKGROUND

Ph.D. 2003. Environmental and Evolutionary Biology, University of Louisiana at Lafayette, Dissertation Title: The Ecological Significance of Plumage Coloration in Herons.

M.S. 1998. Range and Wildlife Management, Sul Ross State University, Thesis Title: Characteristics and Habitat Selection of a Collared Peccary Population in Trans-Pecos Texas.

B.A. 1992. Soviet and East European Studies, University of Texas at Austin.

UNIVERSITY EXPERIENCE

2011-pres: Associate Professor, Department of Biology, Texas State University, San Marcos, TX.

2005-2011: Assistant Professor, Department of Biology, Texas State University, San Marcos, TX.

2004-2005: Postdoctoral Research Associate, Department of Biology, University of Louisiana, Lafayette, LA and Visiting Scientist, U.S.G.S. National Wetlands Research Center.

2002-2003: Instructor, Department of Biology, University of Louisiana, Lafayette, LA.

1999-2002: University Doctoral Fellowship, Department of Biology, University of Louisiana, Lafayette, LA.

1997-1998: Teaching Assistant, Department of Agriculture and Natural Resources, Sul Ross State University, Alpine, TX.

RELEVANT PROFESSIONAL EXPERIENCE

1999: Research Associate, Department of Forestry, Oklahoma State University, Stillwater, OK.

II. TEACHING

COURSES TAUGHT

Undergraduate Courses (Texas State University)

Field Ornithology (BIO 4418)
Mammalogy (BIO 4422)

Undergraduate Courses (University of Louisiana)

Introduction to Biological Principles I (BIO 121)
Introduction to Biological Principles II (BIO 122)

Graduate Courses (Texas State University)

Mammalogy (BIO 5422)
Field Ornithology (BIO 5418)
Avian Ecology and Evolution (BIO 7103I)
Integrated Waterbird Management (BIO 7103H)

Waterbird Management (BIO 7328)
Conservation Biology (BIO 7346)
Spatial Ecology of Animals (BIO 7360Q)

GRADUATE THESES/DISSERTATIONS

Graduate Students (Advisor, completed)

16. Rebekah Rylander. Fall 2015. Mr Parid's Neighborhood: an examination of flock dynamics of black-crested titmice in the Edwards Plateau, Texas. M.Sc. Thesis.
15. Golya Shahrohki. Fall 2015. Genetic differentiation in Reddish Egrets across the range of the species. M.Sc. Thesis.
14. Lorissa Digiacomo, M.Sc., Spring 2015. The influence of light and temperature on nest site selection in swallows. M.Sc. Thesis.
13. Sara Harrod, M.Sc., Fall 2014. Effects of edge and habitat on nesting success in cavity nesting avifauna. M.Sc. Thesis.
12. Amanda Moore, M.Sc., Fall 2014. The effects of human disturbance on the nesting and foraging ecology of Green Herons. M.Sc. Thesis. (1 peer-reviewed publication in review from her graduate work).
11. Alexandra (Sasha) Munters, M.Sc., Spring 2014. Nesting ecology and reproductive behavior of American Oystercatchers. M.Sc. Thesis. (2 peer-reviewed publications from her graduate research).
10. Jeff Troy, Ph.D., Spring 2013. Investigation of Newell's shearwater and Hawaiian petrel breeding habitat requirements through remote sensing and microhabitat studies. Ph.D. Dissertation. (4 peer-reviewed publications from his doctoral graduate work, 1 additional publication from side project with me)
9. David Morgan, M.Sc., Fall 2012. Foraging ecology and forage availability for the black-capped vireo (*Vireo atricapilla*). M.Sc. Thesis. (1 peer-reviewed publication in revision from his graduate work).
8. Stephanie Morgan, M.Sc., Summer 2012. Bat species and habitat use in Trans-Pecos Texas. M.Sc. Thesis.
7. Brock Geary, M.Sc., Spring 2012. Movement and juvenile survival of Reddish Egrets on the Texas coast. M.Sc. Thesis (4 peer-reviewed publications from his graduate work).
6. Sean Rissel, M.Sc., Spring 2011. Evaluation of the species status and development of habitat suitability model for the Gulf Coast Kangaroo Rat *Dipodomys compactus*. M.Sc. Thesis.
5. William Simper, M.Sc., Fall 2010. Cost-distance analysis of interpatch connectivity for an endangered avian migrant inhabiting a fragmented preserve network. M.Sc. Thesis (1 peer-reviewed publication from his graduate work).
4. Amber Jonker, M.Sc., Fall 2010. (Co-Advisor with Floyd Weckerly). Modeling the relationship between estimates of local occupancy and local abundance in avian species. M.Sc. Thesis
3. Austin Hill, M.Sc., 2009. Molecular genetic assessment of population structure, paternity, and sex ratios for the reddish egret. M.Sc. Thesis. (4 peer-reviewed publications from his graduate work)
2. Zachary Holderby, M.Sc., 2009. Differences in reproductive ecology and behavior of the polymorphic reddish egret (*Egretta rufescens*). M.Sc. Thesis. (4 peer-reviewed publications from his graduate work)

1. Bobby Polak, M.Sc., 2008. Influence of human recreational activities and vegetative characteristics on waterbird abundance. M.Sc. Thesis.

Graduate Students (Advisor, in progress)

10. Christina Ferrell. *Expected Spring 2018*. Occupancy and abundance of grassland birds in the Edwards Plateau. M.Sc. Thesis.
9. Rebekah Rylander. *Expected Fall 2019.* Movement and gene flow of Reddish Egrets in the Caribbean and Gulf of Mexico. Ph.D. Dissertation.
8. Nathan Trimble. *Expected Spring 2016*. The ecology of colonial nesting Green Herons in south Texas. M.Sc. Thesis.
7. Beau Daigneault. *Expected Spring 2016*. Seasonal prey dynamics and foraging ecology of the Reddish Egret. M.Sc. Thesis
6. Anna Matthews. *Expected Spring 2017.* Nesting ecology and nest site competition in the Bewick's Wren. M.Sc. Thesis.
5. Sarah Durham. *Expected Fall 2017*. Nest site selection of monk parakeets. M.Sc. Thesis.
4. Jarred Barr. *Expected Fall 2017*. Evaluation of unmanned aerial vehicles for surveying colonial waterbirds. M.Sc. Thesis.
3. Isabelle Walker. *Expected Fall 2017*. Foraging behavior of Wedge-tailed Shearwaters. M.Sc. Thesis.
2. James Tolliver. (Co-advised with Dr. Butch Weckerly). *Expected Fall 2017.* Occupancy and abundance of Black Rails in Texas. M.Sc. Thesis.
1. Amanda Moore. (Co-advised with Dr. Butch Weckery). *Expected Spring 2018*. Resiliency and redundancy of Black Rail populations in Texas. Ph.D. Dissertation.

Graduate Students (Committee member)

40. Joe Jandle. *Expected Spring 2016.* Grazing Affects on the Avian Community of a Texas Hill Country Ranch. M.Sc. Thesis.
39. Nicole Davis. *Expected 2016*. Predicting future range expansion of whooping crane winter habitat using long-term census and remotely sensed data. Ph.D. Dissertation.
38. Madeleine Marsh. *Expected 2016*. Effects of red imported fire ants (*Solenopsis invicta*) on juvenile Houston toads (*Bufo houstonensis*) in a coastal prairie grassland. M.Sc. Thesis.
37. Jessica Thornton, M.Sc., 2015. M.Sc. Non-Thesis.
36. Gayatri Bhaskar, M.Sc., Fall 2015. Correlation between liver and rumen-reticulum weights in white-tailed deer.
35. John Muller, M.Sc., 2015. Landscape scale habitat association of Sprague's pipit (*Anthus spragueii*) overwintering in the southern United States. M.Sc. Thesis.
34. Lauren Schumacher, M.Sc., 2015. Population genetics of the Big Bend slide (*Trachemys gaigeae gaigeae*) and the red eared slider (*Trachemys scripta elegans*) in the contact zone in the lower Rio Grande drainage of Texas. M.Sc. Thesis.
33. Anjana Parandhaman, M.Sc., 2015. Using a habitat suitability model and molecular analyses to aid in the conservation and management of the Texas tortoise, *Gopherus berlandieri*. M.Sc. Thesis.
32. Rebecca Bracken, M.Sc., 2015. M.Sc. Non-Thesis
31. Sarah Weber, M.Sc., 2015. Nesting by Golden Eagles on the Nevada Testing and Training Facility. M.Sc. Thesis.

30. Howland J. Reich, M.Sc., 2015. Rio Grande Beaver survey in Big Bend National Park. M.Sc. Thesis.
29. Lauren Cody, M.Sc., 2015. Small mammal communities and urban land cover associations in San Marcos, Hays County, TX. M.Sc.
28. Daniel Wolcott, Ph.D., 2015. Understanding body development of ungulates in variable environments. Ph.D. Dissertation.
27. Adam Duarte, Ph.D., 2015. Population ecology and habitat conservation for the Golden-cheeked Warbler. Ph.D. Dissertation.
26. Paul Samilpa, M.Sc., 2014. M.Sc. Non-Thesis
25. Matthew Donahue, M.Sc., 2014. M.Sc. Non-Thesis
24. Heath Starns, M.Sc., 2014. Impacts of Roosevelt elk herbivory on primary productivity in Redwood National and State Parks. M.Sc. Thesis.
23. Joseph Flores, M.Sc., 2012. Thermal aspects of the nesting ecology of red-eared sliders and Texas river cooters at Spring Lake, Hays county, Texas. M.Sc. Thesis.
22. Megan Smith, M.Sc., 2012. M.Sc. Non-Thesis.
21. Claire Parra, M.Sc., 2012. Body weight and age influences on liver weight in white-tailed deer: implications for reproductive effort. M.Sc. Thesis.
20. Hayley McCardle, M.Sc., 2012. Albinism in Wild Vertebrates. M.Sc. Thesis.
19. Elanor Dean. 2012, M.Sc., Roost site characteristics of great-tailed grackles in Texas. M.Sc. Thesis.
18. Brian Dickerson, M.Sc., 2010. Road density as a proxy for urbanization effects on *Trachemys scripta elegans* in the Lower Rio Grande Valley. M.Sc. Thesis.
17. Cory King, M.Sc., 2010. Habitat use by great-tailed grackles in urban and peri-urban areas of San Marcos, Texas. M.Sc. Thesis.
16. Leska Sieber, M.Sc., 2010. M.Sc. Non-Thesis.
15. Mary Tibbets, M.Sc., 2009. Effects of recreational activity on the avian community of green spaces within Sunset Valley, Texas. M.Sc. Thesis.
14. Amy Connelly, M.Sc., 2009. Defining habitat for the recovery of ocelots (*Leopardus pardalis*) in the United States. M.Sc. Thesis.
13. Joshua Perkin, M.Sc., 2009. Long-term changes in flow regime and fish assemblage composition in the San Marcos and Guadalupe Rivers. M.Sc. Thesis.
12. Macy Brown, M.Sc., 2009. Effects of seasonal burns on avian foraging in a central Texas ashe juniper-live oak savanna. M.Sc. Thesis.
11. Daniela Buzo, M. Sc., 2008. A GIS model for identifying potential breeding habitat for the Houston Toad, M.Sc. Thesis.
10. Jason Stayer, M.Sc., 2008. Red-tailed hawk (*Buteo jamaicensis*) presence along roadside corridors in relation to urban environment characteristics in Austin, Texas. M.Sc. Thesis.
9. Clint Faas, M.Sc., 2008. Habitat interference by exotic axis deer (*Axis axis*) on native white-tailed deer (*Odocoileus virginianus*) in Texas. M.Sc. Thesis.
8. Kaci Myrick, M.Sc., 2008. Vascular plant and vertebrate species richness in national parks of the eastern United States. M.Sc. Thesis.
7. Alycia Washington, M.Sc., 2008. Site selection and survival of *Pseudemys texana* and *Trachemys scripta elegans* nests at Spring Lake in San Marcos, Texas. M.Sc. Thesis.
6. Tiffany Kuhlman, M.Sc., 2007. The predominant definitive avian hosts of the invasive avian trematode, *Centrocestus formosanus*, in the headwaters of the Comal, San Antonio, and San Marcos rivers of Central Texas. M.Sc. Thesis.

5. John Lindsey, M.Sc., 2007. Using landscape-level data to predict presence of Hammond's flycatcher, dusky flycatcher, and gray flycatcher in dry-pine forests of north-central Washington. M.Sc. Thesis.
4. Rosalinda Gonzalez, M.Sc., 2007. Male mate choice in relation to female size in the sailfin molly, *Poecilia latipinna*. M.Sc. Thesis.
3. Katherine Richardson, M.Sc., 2006. Social incompatibility, alarm state, and sexual segregation in urban white-tailed deer. M.Sc. Thesis
2. Stephanie Singleton, M.Sc., 2006. Summer habitat use by waterbirds and waterfowl at a biosolids facility. M.Sc. Thesis
1. Jeff Troy, M.Sc., 2005. Foraging ecology of Eastern Phoebe in central Texas. M.Sc. Thesis.

Graduate Students (External committee member)

3. Alieny Gonzalez, *Expected Fall 2018*. Color polymorphism of Reddish Egrets in Cuba. Ph.D. Dissertation, University of Havana, Cuba.
2. Lianne Koczur, *Expected Spring 2016*. Movement and migration ecology of Reddish Egrets. Ph.D. Dissertation, Texas A&M Kingsville.
1. Scott Walter, Ph.D., 2012. Brown pelican ecology and conservation in Louisiana. Ph.D. Dissertation, University of Louisiana at Lafayette.

<u>AWARDS/RECOGNITION RECEIVED BY ADVISED GRADUATE STUDENTS</u>

18. Golya Shahrokhi was awarded $2,000 from the Texas State University Graduate College (Thesis Research Fellowship, 2015-2016).
17. Golya Shahrokhi was awarded the *Best Poster Student Presentation* at the 39th Annual Meeting of the Waterbird Society, Bar Harbor, Maine, August 2015.
16. Rebekah Rylander was awarded the Graduate College of Science and Engineering Scholarship ($1,000), 2015.
15. Rebekah Rylander was awarded the Durrenberger Scholarship for Women in Science ($2,000), 2015
14. Golya Shahrokhi was awarded $3,860 from the Kushlan Research Award in Ciconiiform Biology and Conservation from the Waterbird Society (2014)
13. Rebekah Rylander was awarded $2,000 from Texas State University Graduate College (Thesis Research Fellowship, 2014-2015).
12. Amanda Moore was awarded $900 from the Texas Ornithological Society for her thesis research on the effects of human recreation on foraging and nesting Green Herons (2014).
11. Rebekah Rylander was awarded a Freeman Center Fellowship ($3,000) for her thesis research on family flocking dynamics in Black-crested Titmice (2014-2015).
10. Sara Harrod was awarded $1,000 from the Texas Ornithological Society for her thesis research on cavity nesting birds (2013).
9. Sara Harrod was awarded $600 from the North American Bluebird Society for her thesis research on Eastern Bluebirds and cavity nesting birds (2013).
8. Brock Geary was awarded the Texas State University Associated Student Government scholarship (2011)
7. Jeff Troy was awarded the Texas State University Associated Student Government scholarship (2011)
6. David Morgan was awarded the Houston Safari Club scholarship (2010 and 2011)
5. Bryan Carethers was awarded the Houston Safari Club scholarship (2009 and 2010)

4. Jeff Troy was awarded a NSF GK-12 Flowing Waters Fellowship (2009-2010, 2010-2011)
3. Austin Hill was awarded the Kushlan Research Award in Ciconiiform Biology and Conservation from the Waterbird Society in the amount of $1,700 for his M.S. thesis research (2008).
2. Jeff Troy was awarded best poster presentation at the 32nd Annual Meeting of the Waterbird Society in South Padre Island, Texas, November 5-8, 2008
1. Bobby Polak was awarded 3rd place in the Student Poster Competition at Texas Chapter of the Wildlife Society Annual Meeting in Beaumont, Texas, Feb 14-16, 2006.

COURSES PREPARED AND CURRICULUM DEVELOPMENT

1. BIO 7360Q Spatial Ecology of Animals. (3-0) Spatial ecology of animals blends the disciplines of population ecology, behavioral ecology and landscape ecology. This course is intended to critically examine the concepts and techniques encompassing spatial ecology of animals. Students will gain "real-world" experience applying these concepts and techniques (e.g. GIS) during this course.
2. BIO 4422/5422 Mammalogy. (3-3) The taxonomy, distribution, ecology, behavior, and evolution of mammals with particular emphasis on wild mammals of the Southwest. Laboratory will emphasize anatomy, identification, preparation of specimens, and field exercises in methods of population analysis. Students may assemble representative mammal collection.
3. BIO 7328 Integrated Waterbird Management. (3-0) This course examines the principles and practical methodology of integrated waterbird conservation and management, including overview of waterbird ecology, techniques in monitoring and data collection related to population dynamics, and habitat parameters of waterbird species. Field trips may be required.
4. BIO 7346 Conservation Biology. (3-0) Examination of the alteration of habitats and associated biological changes threatening the continued existence of species and basic ecosystems. Topics include conservation ethics, working paradigms, levels and loss of global biodiversity, conservation at population and ecosystem levels, restoration ecology, endangered species biology and conservation laws. Recent Advances are stressed**.**
5. BIO 7103I Avian Ecology and Evolution (1-0). This course will be an interactive discussion of avian ecology and evolution, designed to go beyond the textbook knowledge of avian ecology and evolution and provide the students with a critical examination of the theories, hypotheses, and lab and field-based data that support or refute these hypotheses.
6. BIO 7102 Wetland Wildlife Ecology (1-0). This course focuses on the ecology and management of waterbirds, reptiles, amphibians, fishes, and fur-bearing mammals associated with wetlands with an emphasis on the wetland wildlife of Texas (both inland and coastal). This course will use readings to explore the ecology and management of wetland wildlife.
7. BIO 4418/5418 Field Ornithology (3-3). This course is designed to introduce and provide an advanced knowledge of the application of various field, laboratory, and statistical methods and techniques in the study of avian species. The course will include topics related to survey methodology, sampling design, marking/banding, measurement/sample extraction, and aging/sexing of avian species.

III. SCHOLARLY/CREATIVE ACTIVITIES

REFEREED JOURNAL ARTICLES * Student author

33. Bock, J.A.*, M.C. Green and D.G. Huffman. *In Press*. Nesting ecology and hatchling ontogeny of Neotropic Cormorants (*Phalacrocorax brasilianus*). Bulletin of the Texas Ornithological Society.
32. Troy, J.R.*, N.D. Holmes, T. Joyce, J.H. Behnke and M.C. Green. *In Press*. Small-scale environmental characteristics associated with Newell's Shearwater (*Puffinus newelli*) and Hawaiian Petrel (*Pterodroma sandwichensis*) Burrows on Kauai. Waterbirds.
31. Duarte, A.*, J.S. Hatfield, J.D. Nichols, T.M. Swannack, M.R.J. Forstner, M.C. Green, and F.W. Weckerly. 2015. Simulating range-wide population and breeding habitat dynamics for an endangered woodland warbler in the face of uncertainty. Ecological Modeling 320: 52-61.
30. Geary, B.*, B. Ballard, and M.C. Green. 2015. Movements and survival of juvenile reddish egrets on the Gulf coast. Endangered Species Research 28: 123-133.
29. Koczur, L.M.*, G.M. Kent, B. Geary*, B.M. Ballard, K.D. Meyer and M.C. Green. 2015. Measurements of adult and hatch-year Reddish Egrets (*Egretta rufescens*). Waterbirds 38: 308-311.
28. Munters, A.E.*, S.A. Heath and M.C. Green. 2015. Testing field sexing techniques for American Oystercatchers. Bulletin of the Texas Ornithological Society. 47: 1-5.
27. Troy, J. R.*, J.A. Veech, N.D. Holmes, A.F. Raine and M.C. Green. 2014. Habitat Suitability Modeling for the Newell's Shearwater on Kauai. Journal of Fish and Wildlife Management 5: 315-329.
26. Koczur, L.M.*, A.E. Munters*, S.A. Heath, B.M. Ballard, M.C. Green, S.J. Dinsmore and F. Hernández. 2014. Reproductive Success of the American Oystercatcher (*Haematopus palliatus*) in Texas. Waterbirds 37: 371-380.
25. Holderby, Z.*, A. Hill, E. Palacios, M.C. Green, E. Amador, and C. De Dios. 2014. Comparisons of Reddish Egret (*Egretta rufescens*) diet during the breeding season across its geographic range. Waterbirds 37: 136-143.
24. Holderby, Z.* and M.C. Green. 2013. Plumage dimorphism and nest site selection of Reddish Egrets (*Egretta rufescens*) in the Laguna Madre, Texas. Bulletin of the Texas Ornithological Society 46: 1-9.
23. Troy, J.R.*, N.D. Holmes, J.A. Veech, and M.C. Green. 2013. Using observed seabird fallout records to infer patterns of attraction to artificial light. Endangered Species Research 22: 225-234.
22. Holderby, Z.*, W. Simper*, B. Geary* and M. C. Green. 2012. Potential factors affecting nest initiation date, clutch size, and nest success in the plumage dimorphic Reddish Egret. Waterbirds 35: 437-442.
21. Hill, A. *, E. Palacios, and M.C. Green. 2012. Genetic diversity and population structure of North America's rarest heron, the reddish egret (*Egretta rufescens*). Conservation Genetics 13: 535-543.
20. King, C. M.*, T. R. Simpson, J. T. Baccus, and M. C. Green. 2011. Habitat use by great-tailed grackles (*Quiscalus mexicanus*) in urban and peri-urban habitats of San Marcos, Hays County, Texas. Bulletin of the Texas Ornithological Society. 44: 83-88.
19. Troy, J. R.*, N. D. Holmes, and M. C. Green. 2011. Modeling artificial light viewed by fledgling seabirds. Ecosphere 2: 1-13.

18. Hill, A.*, and M. C. Green. 2011. The relationship of foraging habitat availability and nest site selection for the Reddish Egret (*Egretta rufescens*) in the Lower Florida Keys. Journal of Heron Biology and Conservation 1:6. [online] URL: www.HeronConservation.org/vol1/art6.
17. Oomen, R.A.*, M.W. Reudink, J.J. Nocera, C.M. Somers, M.C. Green and C.J. Kyle. 2011. Mitochondrial evidence for panmixia despite perceived barriers to gene flow in a widely distributed waterbird. Journal of Heredity 102: 584-592.
16. Green, M.C., A. Hill*, Z. Holderby*, J. Troy*, and B. Geary*. 2011. Status of breeding Reddish Egrets on Great Inagua, Bahamas with comments on breeding territoriality and the effects of hurricanes. Waterbirds 34: 213-217.
15. Reudink, M. W.,C. J. Kyle, J. J. Nocera, R. A. Oomen*, M. C. Green and C. M. Somers. 2011. Panmixia on a continental scale in a widely-distributed waterbird. Biological Journal of the Linnaean Society 102: 583-592.
14. Hill, A.*, and M. C. Green. 2011. Characterization of 12 polymorphic microsatellites for the Reddish Egret, *Egretta rufescens*. Conservation Genetic Resources 3: 13-15.
13. Green, M.C., M.C. Luent, and P.L. Leberg. 2010. Evaluation of aerial sampling methods for the detection of waterbird colonies. Journal of Field Ornithology 81: 411-419.
12. Holderby, Z.P.*, M.C. Green, and T.R. Simpson. 2009. The effects of body size and roost site on winter die-off of Cave Swallows. Bulletin of Texas Ornithological Society 42: 82-86.
11. Green, M.C., M.C. Luent, T.C. Michot, C.W. Jeske, and P.L. Leberg. 2008. Comparison and assessment of aerial and ground estimates of waterbird colonies. Journal of Wildlife Management 72: 697-706.
10. Bates, E.M.*, A.M. Fedynich, B.M. Ballard, and M.C. Green. 2008. Survey of blood parasites from hatch-year Reddish Egrets along the lower Texas coast. Bulletin of Texas Ornithological Society. 41: 4-5.
9. Leberg, P.L., M.C. Green, B.A. Adams, K.M. Purcell, and M.C. Luent. 2007. Response of waterbird colonies to hurricanes: Loss of individual rookeries has little effect on regional breeding populations. Animal Conservation 10: 502-508.
8. Green, M.C., and P.L. Leberg. 2006. Sociality among foraging Ardeidae: does plumage coloration influence nearest-neighbor spacing? American Midland Naturalist 156: 344-352.
7. Green, M.C., J.L. Waits, M.L. Avery, M.E. Tobin, and P.L. Leberg. 2006. Microsatellite variation of double-crested cormorant breeding populations in eastern North America. Journal of Wildlife Management 70(2): 579-583.
6. Green, M.C. 2005. Plumage dimorphism in the reddish egret: does plumage coloration influence foraging habitat use and tactics? Waterbirds 28(4): 519-524.
5. Green, M.C., and P.L. Leberg. 2005. Influence of plumage colour on prey response: does habitat alter heron crypsis to prey? Animal Behaviour 70: 1203-1208.
4. Green, M.C., and P.L. Leberg. 2005. Flock formation and the role of plumage colouration in Ardeidae. Canadian Journal of Zoology 83: 683-693.
3. Leberg, P.L., M.R. Carloss, L.J. Dugas, K.L. Pilgrim, L.S. Mills, M.C. Green, and D. Scognomillo. 2004. Recent record of a cougar (*Puma concolor*) in Louisiana, with notes on diet, based on analysis of fecal materials. Southeastern Naturalist 3(4): 653-58.
2. Green, M.C., L.A. Harveson, and L.E. Loomis. 2001. Habitat selection by collared peccaries in Trans-Pecos, Texas. The Southwestern Naturalist 46: 246-251.

1. Guthery, F.S., M.C. Green, R.E. Masters, S.J. DeMaso, H.M. Wilson, and F.B. Steubing. 2001. Land cover and bobwhite abundance on Oklahoma farms and ranches. Journal of Wildlife Management 65: 838-849.

REFEREED JOURNAL ARTICLES IN REVIEW * Student author

3. Moore, A.A.*, M.C. Green, T.R. Simpson and D. Huffman. In Review. Habitat not human disturbance influences the foraging ecology of Green Herons (*Butorides virescens*). American Midland Naturalist.
2. Morgan, D.*, M.C. Green, M. Morrison, T.R. Simpson. In Revision. Foraging ecology and food availability for the Black-capped Vireo. Journal of Wildlife Management.
1. Hill, A.* and M.C. Green. In Revision. Multiple Paternity and Offspring Sex Ratio in Reddish Egrets (*Egretta rufescens*). Journal of Field Ornithology

NON-REFERRED ARTICLES

4. Green, M.C. 2010. Research and conservation of the Gulf Coast Kangaroo Rat, *Dipodomys compactus*. Eye on Nature, Fall 2010. Texas Parks and Wildlife Department Publication.
3. Green, M.C. 2009. Reddish Egrets: Ongoing research into their ecology and plumage coloration. Texas Birds Annual 2009. Publication of the Texas Ornithological Society.
2. Green, M.C. 2004. Wading bird colony survey methodology, Louisiana Ornithological Society Newsletter, Fall 2004.
1. Green, M.C. 1999. Javelinas: working the roadside. Chihuahuan Desert Discovery, Chihuahuan Desert Research Institute, Fort Davis, Texas.

TECHNICAL REPORTS

8. Wilson, T. E., J. Wheeler, M. C. Green, and E. Palacios. (eds.). 2014. Reddish Egret Conservation Action Plan. Reddish Egret Conservation Planning Workshop, October 2012. Corpus Christi, TX
7. Simpson, T.R. and M.C. Green. 2011. Mammalian Survey of Camp Mabry Texas Army National Guard Training Site, Austin, Texas: 2008-2009. Texas Adjutant General, Austin, TX.
6. Weckerly, F. and M.C. Green. 2009. Annual bird survey Camp Swift, 2008-2009. Texas Adjutant General, Austin, TX.
5. Green, M.C. 2006. Status report and survey recommendations on the Reddish Egret (*Egretta rufescens*). U.S. Fish and Wildlife Service, Atlanta, GA. 37 pp.
4. Green, M.C, M.C. Luent, T.C. Michot, C.W. Jeske, and P.L. Leberg. 2006. Statewide wading bird and seabird nesting colony inventory, 2004-2005. Louisiana Department of Wildlife and Fisheries, Louisiana Natural Heritage Program, Baton Rouge, Louisiana.
3. Green, M.C. 2002. Reddish Egret, Species account for Southeast Region of North American Waterbird Conservation Plan.
2. Green, M.C. 2002. Snowy Egret, Species account for Southeast Region of North American Waterbird Conservation Plan.
1. Green, M.C. 2002. Roseate Spoonbill, Species account for Southeast Region of North American Waterbird Conservation Plan.

PAPERS PRESENTED AT PROFESSIONAL MEETINGS * Student presenter

71. Shahrokhi, G.*, D. Rodriguez, E. Palacios and M.C. Green. 2015. An examination of gene flow among distinct management units of the Reddish Egret (*Egretta rufescens*). The 39th Annual Meeting of the Waterbird Society, Bar Harbor, Maine.
70. Tolliver, J.*, A.A. Moore*, F. Weckerly and M.C. Green. 2015. Black Rail occupancy and abundance in Texas. The 39th Annual Meeting of the Waterbird Society, Bar Harbor, Maine.
69. Moore, A.A.*, J. Tolliver*, B.A. Pickens, F. Weckerly. and M.C. Green. 2015. Species distribution models for Black Rail populations in Texas. The 39th Annual Meeting of the Waterbird Society, Bar Harbor, Maine.
68. Koczur, L.*, B. Ballard and M.C. Green. 2015. Breeding ecology of the Reddish Egret in Texas. The 39th Annual Meeting of the Waterbird Society, Bar Harbor, Maine.
67. Bracken, R.* and M.C. Green. 2015. The influence of plumage coloration on nesting behavior in Reddish Egrets. The 39th Annual Meeting of the Waterbird Society, Bar Harbor, Maine.
66. Green, M.C., E. Palacios and A. Duarte*. 2015. Movement and survivorship of Reddish Egrets across their range: an analysis of long-term banding data from 1930-2014. The 39th Annual Meeting of the Waterbird Society, Bar Harbor, Maine.
65. Bracken, R.* and M.C. Green. 2015. The influence of plumage coloration on nesting behavior in Reddish Egrets. Annual Meeting of the American Ornithologist Union, Norman, Oklahoma.
64. Rylander, R.* and M.C. Green. 2015. An Examination of flock dynamics of the black-crested titmouse in the Edwards Plateau of Texas. Annual Meeting of the American Ornithologist Union, Norman, Oklahoma.
63. Bracken, R.* and M.C. Green. 2014. Nesting behavior of the Reddish Egret (Egretta rufescens) on Green Island, Texas. The 38th Annual Meeting of the Waterbird Society, La Paz, Mexico.
62. Moore, A.* and M.C. Green. 2014. The Impact of Human Disturbance on the Foraging Ecology of Green Herons (*Butorides virescens*). American Ornithologist Union Annual Meeting, Estes Park, Colorado.
61. Rylander, R.* and M.C. Green. 2014. An Examination of flock dynamics of the black-crested titmouse in the Edwards Plateau of Texas. American Ornithologist Union Annual Meeting, Estes Park, Colorado.
60. Harrod, S.* and M.C. Green. 2014. The Effects of Landscape Characteristics on Nesting Ecology of Cavity-Nesting Birds of Central Texas. American Ornithologist Union Annual Meeting, Estes Park, Colorado.
59. Harrod, S.* and M.C. Green. 2014. Habitat and nest-site selection of cavity-nesting birds in the Edwards Plateau. Texas Bluebird Society Annual Meeting.
58. Moore, A.* and M.C. Green. 2013. The impact of human disturbance on the foraging ecology of Green Herons (*Butorides Virescens*). American Ornithologists Union Annual Meeting, Chicago, Illinois.
57. Green, M.C., B. Geary*, B. Ballard, and D. Reed. 2013. Movement and survival of juvenile Reddish Egrets on the coastal Gulf of Mexico. The 37th Annual Meeting of the Waterbird Society, Wilhelmshaven, Germany.
56. Morgan, S.* and M.C. Green. 2013. Bat species and habitat use in Trans-Pecos Texas. 49th Annual Texas Chapter of the Wildlife Society. Houston, Texas.

55. Munters, A.*, S. Heath and M.C. Green. 2013. Nest site selection of American Oystercatchers along the Upper Texas Coast. 49th Annual Texas Chapter of the Wildlife Society. Houston, Texas.
54. Morgan, S.* and M.C. Green. 2012. Bat species and habitat use in Trans-Pecos Texas. American Society of Mammalogists Annual Meeting, Reno Nevada.
53. Geary, B.*, Green, M. C., Ballard, B. M. Reed, D.* and W. Howe. 2012. Effects of tropical cyclones and severe weather on juvenile reddish egret dispersal behavior, 2010-2012. 5th North American Ornithological Conference, Vancouver, British Columbia.
52. Geary, B.*, Green, M. C., Ballard, B. M. Reed, D.* and W. Howe. 2011-2012. Movements and survival of juvenile Reddish Egrets along the Gulf coast: initial observations. The 34th Annual Meeting of the Waterbird Society, Grand Island, Nebraska AND The 16th Annual Texas State Biology Student Colloquium.
51. Troy, J. R.*, N. D. Holmes, J. A. Veech, and M. Clay Green. 2012. Terrestrial habitat suitability modelling for Newell's Shearwaters on Kauai. 39th Meeting of the Pacific Seabirds Group. Turtle Bay, HI.
50. Green, M. C., B. Geary*, D. Reed*, B. Ballard, A. Hill* and E. Palacios. 2012. Movement and gene flow throughout the breeding range of North America's rarest heron, the Reddish Egret. 5th North American Ornithological Conference, Vancouver, B.C., Canada.
49. Ballard, B., M.C. Green, D. Reed*, and B. Geary*. 2012. Migration routes and wintering sites of Reddish Egrets breeding in Texas. 5th North American Ornithological Conference, Vancouver, B.C., Canada.
48. Koczur, L.*, A. Munters*, B. Ballard, M.C. Green and S. Heath. 2012. Nest success and chick survival of American oystercatchers in Texas. 5th North American Ornithological Conference, Vancouver, B.C., Canada.
47. Abuzeineh, A. A.*, J. R. Troy*, M. M. Chumchal, M. C. Green, W. H. Nowlin. 2011. Transfer of mercury across ecosystem boundaries in arid streams. Society of Environmental Toxicology and Chemistry (SETAC), Boston, Massachusetts.
46. Troy, J. R.*, N. D. Holmes, and M. Clay Green. 2011. Modeling artificial light viewed by fledgling seabirds. 16th Annual Biology Colloquium. Texas State University.
45. Geary, B.*, Green, M. C., Ballard, B. M. Reed, D.* and W. Howe. 2011. Movements and survival of juvenile Reddish Egrets along the Gulf coast: the first year of life. 96th ESA Annual Meeting, Austin, Texas.
44. Geary, B.*, Green, M. C., Ballard, B. M. Reed, D.* and W. Howe. 2011. Use of satellite telemetry to observe first-year movements and survival of juvenile Reddish Egrets on the Gulf coast. The 48th Annual Meeting of the Texas Chapter of the Wildlife Society, Fort Worth, Texas AND The 35th Annual Meeting of the Waterbird Society, Annapolis, Maryland AND The Third International Research Conference for Graduate Student Research, San Marcos, Texas.
43. Reed, D. J.*, B. M. Ballard, B. Geary*, M. Clay Green, and W. Howe. 2011. Seasonal movements of adult reddish egrets marked with satellite transmitters. Waterbird Society, Annapolis, Maryland.
42. Reed, D. J.*, B. M. Ballard, B. Geary*, M. Clay Green, and W. Howe. 2011. Foraging distances from colonies by adult reddish egrets. Annual meeting of the Waterbird Society, Grand Island, Nebraska.

41. Reed, D. J.*, B. M. Ballard, B. Geary*, M. Clay Green, and W. Howe. 2011. Seasonal movements of adult reddish egrets marked with satellite transmitters. Texas Colonial Waterbird Society, Corpus Christi.
40. Morgan, D.T.*, M.C. Green, M.L. Morrison, and T.R. Simpson. 2011. Foraging ecology of the Black-Capped Vireo (*Vireo atricapilla*). Oral Presentation. Texas Chapter of the Wildlife Society Annual Meeting, San Antonio, TX.
39. Reed, D. J.*, B. M. Ballard, B. Geary*, M. C. Green, and W. Howe. 2011. Seasonal movements of adult reddish egrets from Texas colonies. Texas A&M University-Kingsville Javelina Research Symposium, Kingsville.
38. Geary, B. *, M. C. Green, B. Ballard, D. Reed*, and W. Howe. 2011. Movements and survival of juvenile Reddish Egrets along the Gulf Coast: Initial observations. Joint Meeting of the 11th North American Crane Workshop and the 34th Annual Meeting of The Waterbird Society, Grand Island, NE.
37. Reed, D. *, B. Ballard, M.C Green, B. Geary*, and W. Howe. 2011. Seasonal movements of adult Reddish Egrets from Texas colonies. Joint Meeting of the 11th North American Crane Workshop and the 34th Annual Meeting of The Waterbird Society, Grand Island, NE.
36. Troy, J. R. *, N. D. Holmes and M. C Green. 2011. Modeling artificial light viewed by fledgling seabirds. Joint Meeting of the 11th North American Crane Workshop and the 34th Annual Meeting of The Waterbird Society, Grand Island, NE.
35. Morgan, D.T.*, M.C. Green, and M.L. Morrison. 2010. Foraging ecology and food availability for the Black-Capped Vireo (*Vireo atricapilla*). Poster presentation. 2010 Black-Capped Vireo Symposium, Austin, TX.
34. Troy, J. R.*, N. D. Holmes, J. A. Veech, and M. C. Green. 2010. A breeding habitat suitability model for the Newell's Shearwater. 1st World Seabird Conference, Victoria, British Columbia.
33. Troy, J. R.*, N. D. Holmes, J. A. Veech, and M. C. Green. 2010. A breeding habitat suitability model for the Newell's Shearwater. 18th Annual Hawaii Conservation Conference. Honolulu, HI.
32. Morgan, D.T.*, M.C. Green, and M.L. Morrison. November 2010. Foraging ecology and food availability for the Black-Capped Vireo (*Vireo atricapilla*). Oral Presentation. Texas State University, International Research Conference for Graduate Students, San Marcos, TX.
31. Troy, J. R.*, N. D. Holmes, J. A. Veech, and M. C. Green. 2010. Development of the first Newell's shearwater breeding habitat suitability model using a geographic information system. 57th Annual Meeting of the Southwestern Association of Naturalists. Junction, TX.
30. Troy, J. R.*, N. D. Holmes, J. A. Veech, and M. C. Green. 2010. Development of the first Newell's shearwater breeding habitat suitability model using a geographic information system. 113th Annual Meeting of the Texas Academy of Science. Stephenville, TX.
29. Troy, J. R.*, N. D. Holmes, and M. C. Green. 2009. Development of the first Newell's shearwater breeding habitat suitability model using a geographic information system. 33rd Annual Meeting of the Waterbird Society. Cape May, NJ.
28. Hill, A.*, M.C. Green, C. Nice., and E. Palacios. "Population genetic structure of the Reddish Egret" at the 33rd Annual Meeting of the Waterbird Society, Cape May, New Jersey, November 2009.

27. Green, M.C., A. Hill*, Z.P. Holderby*, and J. Troy*. "Status of Reddish Egrets on Great Inagua, Bahamas with comments on territoriality in nesting pairs." At the Annual Meeting of the Waterbird Society, Cape May, New Jersey, November 2009.
26. Green, M.C. "In over their heads: Sea level rise and coastal storms effects on wading birds" at the Annual Meeting of the Waterbird Society, South Padre Island, Texas, November 2008.
25. Green, M.C. and S.L. Melvin. "Status update of the Reddish Egret based on rangewide surveys conducted during 2007-2008" at the Annual Meeting of the Waterbird Society, South Padre Island, Texas, November 2008.
24. Hill, A.* and M.C. Green. "Using molecular genetics techniques for population structure and life history of Reddish Egrets" at the Annual Meeting of the Waterbird Society, South Padre Island, Texas, November 2008.
23. Hill, A. * and M.C. Green. "The relationship of foraging habitat availability and nest site selection for the Reddish Egret in the Florida Keys" at the Annual Meeting of the Waterbird Society, South Padre Island, Texas, November 2008.
22. Holderby, Z.P.* and M.C. Green. "Reproductive ecology, colony site and polymorphism in Reddish Egrets *Egretta rufescens*" at the Annual Meeting of the Waterbird Society, South Padre Island, Texas, November 2008.
21. Holderby, Z.P. * and M.C. Green. Differences in reproductive ecology and behavior between polymorphic Reddish Egrets in the upper Laguna Madre." at the biannual meeting of the Texas Colonial Waterbird Society meeting in Corpus Christi, Texas, November 2007.
20. Hill, A. * and M.C. Green. "Microsatellite assessment of the genetic structure of Reddish Egrets in Texas." at the biannual meeting of the Texas Colonial Waterbird Society meeting in Corpus Christi, Texas, November 2007.
19. Green, M.C., W. Simper*, Z. Holderby*, D. Newstead, and P.C. Frederick. "Validation of flight line survey method for Reddish Egrets in Texas" at the biannual meeting of the Texas Colonial Waterbird Society meeting in Corpus Christi, Texas, November 2007.
18. Bates, E., A.*, Fedynich, B. Ballard, and M.C. Green. "Survey of blood parasites in hatch-year Reddish Egrets along the lower Texas coast" at the 31st Annual Water bird Society meeting in Barcelona, Spain, October 2007.
17. Green, M.C., W. Simper*, Z. Holderby*, D. Newstead, and P.C. Frederick. "Validation of flight line survey method for Reddish Egrets in Texas" at the 31st Annual Waterbird Society meeting in Barcelona, Spain, October 2007.
16. Polak, B.J. * and M.C. Green. "Influence of human recreational activities on wading bird abundance" at the Annual Meeting of the Texas Chapter of the Wildlife Society in Beaumont, Texas, February 2007.
15. Bates, E., A.*, Fedynich, B. Ballard, and M.C. Green. "Survey of blood parasites in hatch-year Reddish Egrets along the lower Texas coast" at the VII North American Ornithological Congress, Veracruz, Mexico, October 2006.
14. Sibole, T.*, and M.C. Green. "Some influences of brood parasitism on nesting success of Black-capped Vireos" at the VII North American Ornithological Congress, Veracruz, Mexico, October 2006.
13. Green, M.C., T.C. Michot, C.M. Jeske, M.C. Luent*, and P.L. Leberg. "By land or air: evaluation of wading bird colony censuses using aerial and ground techniques" at the VII North American Ornithological Congress, Veracruz, Mexico, October 2006.

12. Green, M.C., T.C. Michot, C.M. Jeske, M.C. Luent*, and P.L. Leberg. "Aerial and ground surveys of waterbird colonies in Louisiana 2004-2005" at the biannual meeting of the Texas Colonial Waterbird Society, Port Aransas, Texas, November 2005.
11. Green, M.C., T.C. Michot, C.M. Jeske, M.C. Luent*, and P.L. Leberg. "Assessment and comparison of aerial and ground count techniques for censusing wading bird colonies" at the Annual Meeting of The Waterbird Society, Jekyll Island, Georgia, October 2005.
10. Green, M.C., T.C. Michot, C.M. Jeske, M.C. Luent*, and P.L. Leberg. "Comparison of line transect and adaptive cluster sampling techniques for detecting novel waterbird colonies during aerial surveys" at the Joint Annual Meeting of The Waterbird Society and the Pacific Seabird Group, Portland, Oregon, January 20005.
9. Green, M. C. "Foraging ecology of Reddish Egrets in south Texas" at the Waterbird Society Annual Meeting, LaCrosse, Wisconsin, October 2002.
8. Green, M.C. and P.L. Leberg. "The effect of white plumage and group size on flocking decisions in Ciconiiformes" at the American Ornithologists' Union, New Orleans, Louisiana, September 2002.
7. Green, M.C. and P.L. Leberg. "The effect of white plumage on flocking behavior in Ciconiiformes" at the Waterbird Society Annual Meeting, Niagara Falls, Ontario, Canada, November 2001.
6. Green, M.C. and P.L. Leberg. "The effect of white plumage and group size on flocking decisions in Ciconiiformes" at the American Ornithologists' Union, Seattle, Washington, August 2001.
5. Green, M.C., J.L. Waits, M.L. Avery, M.E. Tobin, and P.L. Leberg. "Microsatellite analysis of double-crested cormorant populations" at the Waterbird Society Annual Meeting, Plymouth, Massachusetts, November 2000.
4. Guthery, F.S., M.C. Green, R.E. Masters, S.J. DeMaso, H.M. Wilson, and F.B. Steubing. "Landscape composition and structure and bobwhite abundance in Oklahoma" at the Wildlife Society Annual Conference, Nashville, Tennessee, August 2000.
3. Green, M.C., J.L. Waits, M.L. Avery, M.E. Tobin, and P.L. Leberg. "Microsatellite and mtDNA variation in double-crested cormorant populations" at Society for Conservation Biology Annual Meeting, Missoula, Montana, June 2000.
2. Green, M.C., and P.L. Leberg. "Preliminary investigations concerning the influence of plumage coloration on wading birds (order Ciconiiformes)." Biology Departmental Seminar, University of Louisiana at Lafayette, April 2000.
1. Green, M.C., L.A. Harveson, and L. Loomis. "Bedding site characteristics and habitat selection of collared peccaries in far west Texas" at The Wildlife Society 6th Annual Conference, Austin, Texas, August 1999.

INVITED TALKS, LECTURES, AND PRESENTATIONS

15. A shift to the Caribbean: understanding the importance of island populations of Reddish Egrets. 2016. Departmental Seminar, University of Havana, Cuba.
14. Turning the tide: a decade of research on North America's rarest heron. 2015. Departmental Seminar, University of Louisiana at Lafayette.
13. Life and death on the tide: movement ecology of the Reddish Egret. 2015. Invited Conservation Speaker, Annual Meeting of the Association of Avian Veterinarians, San Antonio, Texas.

12. Reddish Egret conservation in Mexico. 2014. Mazatlan Bird Festival 2014. Mazatlan, Mexico.
11. "Wayward egrets: are gene flow and movements restricted across the range of Reddish Egrets?" 2012. Ornithology Group of the Houston Outdoor Nature Club, Houston, Texas.
10. "Carry on wayward egret: insights into the dispersal, movement, and survival of Reddish Egrets" 2010. Keynote Address at Texas Ornithological Society Spring 2010 meeting, Rockport, Texas.
9. "Reddish Egrets: Insights into color polymorphism and conservation of North America's rarest heron" 2010. Departmental Seminar, University of Texas at San Antonio, San Antonio, Texas.
8. "The Reddish Egret: Insights into the ecology and behavior of North America's rarest heron" 2009. San Antonio Audubon Society, San Antonio, Texas.
7. "Sociality, coloniality, and coloration: implications for the ecology and conservation of wading birds." 2005. Job Seminar, Texas State University, San Marcos, Texas.
6. "Sociality, coloniality, and coloration: implications for the ecology and conservation of wading birds." 2005. Job Seminar, Western Illinois, Macomb, Illinois.
5. "Waterbird colony surveys and methodologies" 2005. Southwest Refuge Complex Annual Symposium, McNeese State University, Lake Charles, Louisiana.
4. "Reddish Egrets" 2005. Louisiana Ornithological Society Winter Meeting, Lafayette, Louisiana.
3. "Reddish Egrets: Mud Flat Dancers." 2004. International Migratory Bird Day Kickoff, National Wetlands Research Center, Lafayette, Louisiana.
2. "The ecological significance of plumage coloration in herons." 2003. Departmental Seminar, Museum of Natural History, Louisiana State University, Baton Rouge.
1. "Red, white, and blue herons: Do aquatic prey respond differently to plumage coloration." 2002. Departmental Seminar, Department of Wildlife and Fisheries, Louisiana State University, Baton Rouge.

WORKSHOPS

2015. Reddish Egret Business Plan for Mexico, Reddish Egret Working Group workshop. Merida, Yucatan, Nov 17-19, 2015.

2014 Occupancy modeling workshop, Co-Organizer with Floyd Weckerly. Workshop was for students and faculty at University of Nuevo Leon, Monterey, Mexico.

2014 Reddish Egret Working Group meeting, Chair of meeting. Workshop consisted of Reddish Egret Symposium and discussion of 2014 Species Conservation Plan. Workshop and Symposium brought in partners from U.S., Mexico, and Cuba. La Paz, Mexico. Nov 6-7, 2014.

2012 Reddish Egret Working Group meeting, Co-Chair of working group and meeting. Workshop brought in partners from U.S., Mexico, and the Caribbean. Corpus Christi, Texas. Oct 22-24, 2012.

2006 "Rangewide status and research needs for the Reddish Egret *Egretta rufescens*", Co-Chair of workshop presented at the VII North American Ornithological Congress, Veracruz, Mexico.

GRANTS AND CONTRACTS

FUNDED EXTERNAL GRANTS AND CONTRACTS (TEXAS STATE UNIVERSITY)

18. Gulf Coast Joint Venture. Evaluation of the use of unmanned aerial vehicles (UAVs) for surveying colonial waterbirds. P.I., 2015-2016 (Co-P.I. Thom Hardy, Bill Vermillion, Steve DeMaso). **($43,809**).
17. Texas Parks and Wildlife, State Wildlife Grants: Distribution of the Texas kangaroo rat (*Dipodomys elator*), Co-P.I., 2015-2017 (P.I. Randy Simpson, Co-P.I. Joseph Veech, Ivan Castro-Arellano). **($107,098**).
16. Texas Comptroller of Public Account: RFP No. 209g for Endangered Species Research Projects for the Black Rail, Co-P.I., 2014-2016 (P.I. Butch Weckerly) (**$199,462**).
15. Texas Parks and Wildlife, Section VI Traditional Grant: Occupancy, distribution, and abundance of Black Rails (*Laterallus jamaicensis*) along the Texas Gulf Coast, P.I., 2014-2016 (Co-P.I. Butch Weckerly) (**$157,796**).
14. Department of the Interior, U.S. Fish and Wildlife Service: Development of data clearinghouse and website for Reddish Egret Working Group, P.I., 2013-2014 **($37,000**).
13. Texas Department of Transportation. Contribution of bridge-dwelling birds to bacterial water quality impairments. Co-P.I., 2012-2014 (P.I. Ivan Castro-Arellano, Co-P.I. C. Gaedicke, M. Forstner, D. Hahn) (**$388,284**).
12. Texas General Land Office, Oil Spill Planning and Response Program. Biological inventory and gap analysis for the Middle and Lower Texas Coast, P.I. 2011-2013 (**$107,070**).
11. Texas General Land Office, Oil Spill Planning and Response Program. Biological inventory and gap analysis for the Upper Texas Coast, P.I. 2010-2011 (**$38,916**).
10. Department of the Interior: U.S. Fish and Wildlife Service: Evaluating site fidelity, movement, and post-breeding dispersal of juvenile Reddish Egrets in Texas and Bahamas, P.I., 2010-2015 (**$86,381**).
9. Department of the Interior: U.S. Fish and Wildlife Service: Evaluating site fidelity, movement, and post-breeding dispersal of Reddish Egrets, P.I., 2009-2012 (**$60,000**).
8. Texas Parks and Wildlife, Section VI Traditional Grant: Defining Areas of Potential Ocelot Habitat, Co-P.I., 2008-2009 (P.I. Randy Simpson) (**$52,513**).
7. Texas Adjunct General, Mammalian survey of Camp Mabry, Co-P.I., 2008-2009 (P.I. Randy Simpson) (**$26,735**).
6. Texas Department of Transportation, GIS model assessment of the Houston toad for areas of scheduled bridge replacements, Co-P.I., 2008 (P.I., Forstner, M.R.J.; Co-P.I., M.C. Green, and M. Fonstad) (**$46,423**).
5. Texas Adjunct General, Annual bird survey of Camp Swift, Co-P.I., 2007-2008 (Floyd Weckerly, P.I.) **($35,827**).
4. Department of the Interior, U.S. Fish and Wildlife Service: Assessment of Reddish Egret (*Egretta rufescens*) populations in the U.S. Gulf Coast, Mexican Gulf Coast and Atlantic coast (including Bahaman Islands): insights into the species' breeding status, distribution, life history parameters, and genetic structure, P.I., 2007-2009 (**$141,384**).
3. Coastal Bend Bays and Estuaries Program: Rookery Island Flight Line Survey Validation, P.I., 2007 (**$21,000**).
2. Department of the Army, U.S. Army Construction Engineering Research Laboratory, Desert Southwest Cooperative Ecosystems Studies Unit: Assessment of late-season nesting by

black-capped vireos in response to brown-headed cowbird parasitism. P.I., 2006-2007. (**$106,709**).

1. Department of the Interior, U.S. Fish and Wildlife Service: Status assessment and survey methodology for reddish egrets, P.I., 2006. (**$8,174**).

FUNDED EXTERNAL GRANTS AND CONTRACTS (UNIVERSITY OF LOUISIANA)

3. Department of Wildlife and Fisheries Natural Heritage Program: Statewide wading bird and seabird nesting inventory: evaluations of temporal trends, spatial associations, and sampling biases, Co P.I., 2004-2005. (P.I. Paul Leberg) (**$283,000**).
2. The Waterbird Society, Kushlan Research Award, The influence of color dimorphism on the ecology of Reddish Egrets in south Texas, P. I., 2001. (**$1,000**).
1. Sigma Xi Grants-In-Aid of Research, The influence of white plumage on the ecology of wading birds in south Louisiana, P. I., 2000 (**$300**).

SUBMITTED (PENDING) EXTERNAL GRANTS AND CONTRACTS

1. National Academy of Science Gulf Research Program's Exploratory Grants. Integrating Inland and Coastal Biophysical Processes to Predict the Rates and Stability of Critical Ecosystem Services along the Gulf Coast. Co-P.I. (P.I. Michael Huston, Co-P.I. Todd Swannack, Phil Bedient, Kimberley Meitzen, Jim Blackburn.

SUBMITTED BUT NOT FUNDED EXTERNAL GRANTS AND CONTRACTS

9. Texas Parks and Wildlife Department. *Pseudogymnoascus destructans* surveillance for early detection of WNS in Texas. Co-P.I., 2015-2016 (P.I. Ivan Castro-Arellano, Co-P.I. Sara Weaver, Thomas R. Simpson) ($209,511).
8. Rio Grande Research Center, Sustainable Agricultural Water Conservation Project Selection of avian fauna as indicators of riverine quality, P.I., 2010-2011 ($62,600).
7. National Science Foundation. CAREER: Know Egrets: Model species for examining mechanisms and maintenance of color polymorphism and engaging society through hands-on science, P.I. 2009-2012 ($616,929).
6. Rio Grande Research Center, Sustainable Agricultural Water Conservation Project: Status assessment of avifauna along the lower Rio Grande River: insights into species status and distribution and contaminant exposure. P.I., 2009-2010 ($57,215).
5. Department of the Interior, U.S. Fish and Wildlife Service, Neotropical Migratory Bird Grant Act: Conservation of Priority Species of Herons, Storks, and Allies in Mexico, co-P.I., 2008-2009 ($197,904).
4. Committee for Research and Exploration, National Geographic Society: The influence of plumage dimorphism on waterbirds: Investigations into the Reproductive Ecology of Reddish Egrets (Egretta rufescens), P.I., 2008-2009 ($17,400).
3. Wildlife Diversity Conservation Grants – Horned Lizard License Plate Fund, Texas Parks and Wildlife: Evaluation of Gulf Coast Kangaroo Rat (*Dipodomys compactus*) Status and Distribution. P.I., 2008-2009 ($42,866).
2. Department of the Interior, U.S. Fish and Wildlife Service, Neotropical Migratory Bird Grant Act: Conservation of Priority Species of Herons, Storks, and Allies in Mexico, co-P.I., 2007-2009 ($197,904).

1. Rio Grande Research Center, Sustainable Agricultural Water Conservation Project: Inventory and assessment of breeding and wintering waterbirds in the Rio Grande River drainage basin, P.I., 2006-2007 ($81,181).

FUNDED INTERNAL GRANTS AND CONTRACTS

2. Texas State University, Funding from Associate Vice President for Research: Using Technology to Study Phenomena and Conduct Monitoring of Avian Populations, co-P.I., 2009. (co-P.I.s, John Baccus and Randy Simpson). **($60,000**)

1. Texas State University, Research Enhancement Program: Genetic and behavioral assessment of the occurrence of plumage dimorphism in reddish egrets. **($7,908**)

FELLOWSHIPS, AWARDS, HONORS

2014	Favorite Professor, Alfred H. Nolle Chapter of the Alpha Chi National College Honor Society.
2013	Favorite Professor, Alfred H. Nolle Chapter of the Alpha Chi National College Honor Society.
1999-2003	Graduate Student Organization Supply Fund, The influence of white plumage on the ecology of wading birds, P.I. ($1280.00).
1999-2001	University Doctoral Fellowship, University of Louisiana at Lafayette, ($36,000.00).
2001	Travel Grant from American Ornithologists Union for annual meeting to Seattle, Washington.
2000	Travel Grant from The Waterbird Society for annual meeting to Niagara Falls, Ontario, Canada.
1997-1998	A. J. Bierschwale Memorial Scholarship, Sul Ross State University.
1997-1998	Student Leader of the Year, Sul Ross State University.

IV. SERVICE

PROFESSIONAL SERVICE – INTERNATIONAL/NATIONAL:

2016-present	Vice-President/President-Elect, The Waterbird Society (elected in August 2015)
2015-present	Co-Chair, Heron Specialist Group, International Union for Conservation of Nature.
2014	Co-Organizer (with Floyd Weckerly) of Occupancy Modeling Workshop at University of Nuevo Leon, Monterey, Mexico.
2013	Chair, Reddish Egret Monitoring Workshop, Matamoras, Mexico.
2010-2015	Regional Vice Chair for Heron Specialist Group, International Union for Conservation of Nature
2008-present	Co-Chair, Reddish Egret Working Group.
2006-2015	Secretary, Executive Council of The Waterbird Society (reelected in 2009, 2012).
2007-2008	Chair, Local Planning Committee for 2008 Annual Meeting of Waterbird Society
2005-2006	Councilor, Executive Council of The Waterbird Society.
2005-2008	Chair, Publications Committee, The Waterbird Society.
2003-2004	Member, Membership Committee, The Waterbird Society

PROFESSIONAL SERVICE – REGION/STATE

2012-present	Member, Scientific Advisory Committee, Gulf Coast Bird Observatory.
2008-2011	Member, Comal County Biological Advisory Team.
2006-present	Member, Texas Colonial Waterbird Society Board.
2005-present	Member, Gulf Coast Joint Venture Waterbird Monitoring, Evaluation, and Research Team
1997-1998	President, Student Chapter of the Wildlife Society, Sul Ross State University.
1997-1998	President, Student Chapter of the Society for Range Management, Sul Ross State University.
1997-1998	President, Range Animal Science Graduate Student Association, Sul Ross State University.

UNIVERSITY COMMITTEES AND OTHER SERVICES:

2016	Member, Research Compliance Director Search Committee, Texas State University.
2015-present	Chair, Institutional Animal Care and Use Committee, Texas State University.
2012	Member, Freeman Center Management Plan Committee, Texas State University
2006-2015	Member, Institutional Animal Care and Use Committee, Texas State University.

DEPARTMENTAL COMMITTEES AND OTHER SERVICES:

2014-2015	Organizer, "3-Minute Thesis" Doctoral Student Competition, Department of Biology, Texas State University.
2013-present	Program Director, Ph.D. in Aquatic Resources Program, Department of Biology, Texas State University.
2008	Wildlife Ecology/Conservation Biologist Search Committee
2005-present	Co-Chair, Vehicle Use Committee, Department of Biology, Texas State University.
2005-2008	Member, Undergraduate Committee, Department of Biology, Texas State University.
2002-2003	Departmental Representative, Graduate Student Organization, University of Louisiana at Lafayette.

COMMUNITY SERVICE:

2013-present	President, Board of Delegates, United Campus Ministry-Wesley, San Marcos, Texas
2011-present	Assistant Scoutmaster, Boy Scout Troop 112, San Marcos, Texas
2008-2010	Scoutmaster, Boy Scout Troop 112, San Marcos, Texas
2005-2008	Assistant Scoutmaster, Boy Scout Troop 112, San Marcos, Texas
2000-2004	Cubmaster, Cub Scout Pack 158, Lafayette, Louisiana.

MILITARY SERVICE:

2014-present	Training and Weapons Officer, Coastal Riverine Squadron Ten, Jacksonville, FL
2012-2014	Executive Officer, Submarine Force Undersea Warfare, Detachment India

2010-2011	Chief, Joint Visitors Bureau Protective Services Detail, US Forces-Afghanistan
2008-2010	Commanding Officer, Naval Security Force Reserve Unit, Chinhae, Korea
2007-2008	Commanding Officer, Naval Security Force Reserve Unit, Guantanamo Bay,Cuba
2005-2006	Researcher, Naval Science and Technology Reserve Program.
2000-2004	Executive Officer, Naval Support Activity Bahrain detachment Headquarters, United States Naval Reserve

SCHOLARLY SERVICE:
Associate Editor: *The Southwestern Naturalist (2013 – 2015)*
Journal of Heron Biology and Conservation (2011 – present)

Book Editor: *Waterbirds (2015 – present)*

Guest Editor: *Southeastern Naturalist (2009, 2011)*

Grant Proposal Reviews:

1. North American Wetland Conservation Act grant proposals (2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015), submitted to Gulf Coast Joint Venture

Biological Status Review: Reddish Egret for the Florida Wildlife Commission (2010).

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PROFESSIONAL AFFILIATIONS:
American Ornithologists' Union
Association of Field Ornithologists
The Waterbird Society
The Wildlife Society
National Geographic Society
Texas Ornithological Society