
Steve A. Johnson, Ph. D.

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EDUCATION

- Ph.D. 2001 — Wildlife Ecology and Conservation, University of Florida, Gainesville
Dissertation: Life history, ecology, and conservation genetics of the striped newt (*Notophthalmus perstriatus*).
- M.S. 1994 — Biology, University of Central Florida, Orlando
Thesis: Reproductive ecology of the Florida green turtle (*Chelonia mydas*).
- B.S. 1990 — Biology, University of Central Florida, Orlando
- A.A. 1988 — General Education, Valencia Community College, Orlando

PROFESSIONAL EXPERIENCE

- Assistant Professor of Wildlife Ecology—University of Florida, IFAS Plant City Campus, Plant City, FL
Jul. 2004 – Present: Teach courses leading to a BS degree in Natural Resource Conservation, conduct extension and outreach programs on wildlife issues, and maintain a research program
- Affiliate Faculty, School of Natural Resources and Environment—University of Florida, Gainesville
Mar. 2006 – Present
- Research Wildlife Biologist (GS-11/03)—U.S. Geological Survey, Gainesville, FL
Feb. 2002 – Jun. 2004: Developed and conducted research and monitoring studies for the Amphibian Research and Monitoring Initiative in the Southeast
- State Sea Turtle Program Coordinator—North Carolina Wildlife Resources Commission, Nongame and Endangered Wildlife Program, Gloucester, NC
May 2001 – Feb. 2002: Coordinated the sea turtle management and conservation program for the state of North Carolina
- Herpetologist—Department of Wildlife Ecology and Conservation, UF, Gainesville
Sep. 1996 – Sep. 1998: Conducted herpetofaunal life-history studies at two breeding ponds and in the associated uplands, with an emphasis on the Striped Newt for my dissertation research
- Protected Species Specialist—Ecological Associates, Inc., Jensen Beach, FL,
May 1996 – Oct. 1996. Implemented the requirements of a Habitat Conservation Plan for Volusia Co., FL
- Graduate Research Assistant—Archie Carr Center for Sea Turtle Research, UF, Gainesville
May 1993 – Feb. 1995: Conducted project to determine the influence of public turtle watches on loggerhead turtle behavior and hatchling production.

Graduate Research Assistant, UCF Marine Turtle Research Group, Orlando
Nov. 1989 – Dec. 1993: Served as a GRA for an ongoing project to study various aspects of marine turtle life history in Brevard Co, FL

Graduate Research Assistant—University of Central Florida, Orlando
Jan. 1991 – Dec. 1991: Served as a GRA on a manatee salvage project

TEACHING EXPERIENCE

INSTRUCTOR

University of Florida, Dept. of Wildlife Ecology and Conservation, Plant City

- 1) *Ecology and Management of Wildlife Invasions* (WIS 4545), Summer A 2005, Spring 2008
Course in 2005 co-taught with Dr. K. Krysko (offered to students in Gainesville and Plant City via distance delivery)
- 2) *Wildlife Ecology & Management* Lecture (WIS 3401C), Fall 2004, 2006; Spring 2009
- 3) *Wildlife Ecology & Management* Lab (WIS 3401L), Spring 2009
- 4) *Wetland Wildlife Ecology* (WIS 4443), Spring 2006
- 5) *Natural Resource Sampling* (FNR 3410), Spring 2006, 2008
Course co-taught with Dr. M. Andreu, lectures and Saturday labs
- 6) *Natural Resource Communication* (FNR 4040), Fall 2005, 2007
- 7) *Conservation of Amphibians and Reptiles* (WIS 4934), Spring 2007
Course co-taught with two of my graduate students (offered to students in Gainesville and Plant City via distance delivery)
- 8) *Wildlife of Florida* (WIS 3402), Spring 2005, 2007; Fall 2008
Lectures and labs
- 9) *Professional Seminar in Natural Resources and Horticulture* (WIS 4934), Spring 2006
Course co-taught with Drs. S. Park-Brown, M. Andreu, and S. Vyaparri
- 10) *Careers and Issues in Natural Resources and Horticulture* (WIS 4934), Spring 2006
Course co-taught with Drs. S. Park-Brown, M. Andreu, and S. Vyaparri
- 11) *Wildlife Techniques* (WIS 4945), Spring 2000, 2006
Field techniques in herpetology, four three-hour lecture/field demonstrations in week-long course

Florida Museum of Natural History, University of Florida, Gainesville
Florida Ecosystems and Field Biology (Teacher Education Course), Summer 2003
2-hour classroom lecture and 6-hour field lab, natural history of upland and aquatic ecosystems, amphibian and reptile ecology and field methods, critical thinking and the scientific method

University of Florida, Biological Sciences Dept., Gainesville
Cells, Organisms, and Genetics (BSC 2005), Spring 2000
Three weekly 50-minute lectures (course taught when I was a graduate student)

GUEST LECTURER

University of Florida, School of Forest Resources and Conservation, Gainesville *Natural Resource Sampling* (FNR 3410), Fall 2003, 2004, 2005, 2006, 2007, 2008
2-hour lecture and 4-hour field lab, herpetofaunal sampling methods, study design considerations

University of Florida, Dept. of Wildlife Ecology and Conservation, Gainesville
Herpetology (ZOO 6927), Fall 1999, Spring 2005
One hour lecture, amphibian and reptile community ecology

Experimental Design in Wildlife Ecology (WIS 5496), Fall 1998
One hour lecture, experimental design of my dissertation research

TEACHING ASSISTANT

University of Florida, Biological Sciences Dept., Gainesville
Integrated Principles of Biology II (BSC 2011 for majors), Spring 1997, 1998, 2001, Summer, 1996, 1997, 1999, 2000
2-3 weekly 3-hour laboratory sections: 15 min. introductory lecture & 3 hour lab

University of Florida, Dept. of Wildlife Ecology and Conservation, Gainesville
Herpetology (ZOO 6927), Fall 1997
One weekly 3-hour laboratory section

Wildlife Techniques (WIS 4945), Spring and Summer, 1997, 1998, 1999
Four three-hour lecture/field demonstrations in week-long course, field techniques in herpetology

University of Central Florida, Orlando
General Zoology (ZOO 2010) Spring and Fall 1993.
Two weekly 3-hour laboratory sections: 15 min. introductory lecture & 3 hour lab

Environmental Science (BSC 1030) Spring 1992
Two weekly 3-hour laboratory sections: 15 min. introductory lecture & 3 hour lab

Tutor in Biological Sciences—University of Central Florida, Orlando
Fall 1990

GRADUATE COMMITTEES**COMMITTEE CHAIR—UNIVERSITY OF FLORIDA**

Jenn Bernatis—PhD degree, Jan. 2008 – present: Ecological impacts of invasive Applesnails (*Pomacea* sp.)

Raya Pruner—MS degree, Aug. 2007 – present: Conservation and management of Snowy Plovers in Florida's panhandle

Brian Camposano—MS degree (SNRE), Aug. 2006 – present: Identification and distribution of *Anolis* lizards in Florida

Travis Blunden—MS degree, Aug. 2005 – present: Effects of Rx fire on herps/small mammals

Gabe Miller (co-Chair with L. Smith)—MS Degree, Aug. 2006 – Dec. 2008: Interactions between Pine Snakes and Pocket Gophers

Kris Hoffman—MS degree, Aug. 2005 – Dec. 2007: Impacts of Cuban Treefrogs on native treefrogs

Betsy Roznik—MS degree, Jan. 2006 – Dec. 2007: Upland habitat use by Gopher Frogs

COMMITTEE MEMBER—UNIVERSITY OF FLORIDA

Dan Dawson, MS Degree, Aug. 2004 – Dec. 2006: Wildlife inventory of UF natural areas

COMMITTEE MEMBER—OTHER INSTITUTIONS

Sarah Johnson—University of Central Florida, MS Degree, Aug. 2008 – present: Conservation genetics of striped newts (Advisor: Dr. Eric Hoffman)

Lisa Wilson—Valdosta State University, MS Degree, Aug. 2008– present: Lethal thermal minima for Cuban Treefrogs in the Southeast (Advisor: Dr. David Bechler)

PUBLICATIONS (* indicates publications with graduate or undergraduate students)**SCIENTIFIC JOURNAL ARTICLES**

- *Roznik, E., and **S.A. Johnson**. In press. Canopy closure and emigration of juvenile Gopher Frogs. *The Journal of Wildlife Management*
- *Roznik, E., and **S.A. Johnson**. In press. Burrow use and survival of juvenile Gopher Frogs. *Journal of Herpetology*
- Campbell, T.S., *P. Irvin, K.R. Campbell, *K. Hoffmann, *M.E. Dykes, *A.J. Harding, and **S.A. Johnson**. In press. Evaluation of a new technique for marking anurans. *Applied Herpetology*
- McGarrity, M.E. and **S.A. Johnson**. 2008. Geographic trends in sexual size dimorphism of *Osteopilus septentrionalis* (Cuban Treefrog): Implications for invasion of the southeastern U.S. *Biological Invasions Online First* (<http://www.springerlink.com/content/720712574672p8pv/>)
- *Hoffmann, K., M.E. McGarrity, and **S.A. Johnson**. 2008. Technology meets tradition: A hybrid VIE-C technique for individually marking anurans. *Applied Herpetology* 5:265-280.
- Dodd, C.K., Jr. and **S.A. Johnson**. 2007. Breeding ponds colonized by Striped Newts after 10 or more years. *Herpetological Review* 38:150-152.
- Dodd, C.K., Jr., W.J. Barichivich, **S.A. Johnson**, and J.S. Staiger. 2007. Changes in a Northwestern Florida Gulf Coast Herpetofaunal Community over a 28-year Period. *American Midland Naturalist* 158:29-48.
- *Casey, L.I., J.E. Earl, and **S.A. Johnson**. 2005. Attempted predation at a Pileated Woodpecker nest by a Gray Ratsnake. *Florida Field Naturalist* 33:55-56.
- Means, D.B., C.K. Dodd, Jr., **S.A. Johnson**, and J.G. Palis. 2004. Amphibians and fire in longleaf pine ecosystems: A response to Schurbon and Fauth. *Conservation Biology* 18:1149-1153.
- Johnson, S.A.** and W.J. Barichivich. 2004. A simple technique for trapping *Siren lacertina*, *Amphiuma means*, and other aquatic vertebrates. *Journal of Freshwater Ecology* 19:263-269.
- Johnson, S.A.** 2003. Orientation and migration distances of a pond-breeding salamander (*Notophthalmus perstriatus*, Salamandridae). *Alytes* 21:3-22.
- Rabon, D.R., **S.A. Johnson**, R. Boettcher, M. Dodd, M. Lyons, S. Murphy, S. Ramsey, S. Roff, and K. Stewart. 2003. Confirmed leatherback turtle (*Dermochelys coriacea*) nests from North Carolina, with a summary of leatherback nesting activities north of Florida, USA. *Marine Turtle Newsletter* 101:4-8.
- Johnson, S.A.** 2002. Life history of the striped newt at a north-central Florida breeding pond. *Southeastern Naturalist* 1:381-402.

- Johnson, S.A.**, A.L. Bass, B. Libert, M. Marshall, and D. Fulk. 1999. Kemp's ridley (*Lepidochelys kempii*) nesting activity in Florida. *Florida Scientist* 62:194-204.
- Dodd, C.K., Jr., R. Franz, and **S.A. Johnson**. 1997. Shell injuries and anomalies in an insular population of Florida box turtles (*Terrapene carolina bauri*). *Herpetological Natural History* 5:66-72.
- Johnson, S.A.** and L.M. Ehrhart. 1996. Reproductive ecology of the Florida green turtle: clutch frequency. *Journal of Herpetology* 30:407-410.
- Johnson, S.A.**, K.A. Bjorndal, and A. B. Bolten. 1996. Effects of organized turtle watches on loggerhead (*Caretta caretta*) nesting behavior and hatchling production in Florida. *Conservation Biology* 10:570-577.
- Johnson, S.A.**, K.A. Bjorndal, and A. B. Bolten. 1996. A survey of organized turtle watch participants on sea turtle nesting beaches in Florida. *Chelonian Biology and Conservation* 2:60-65.
- Barbosa, M.D.F.S., **S.A. Johnson**, K. Achey, M. J. Gutierrez, E.K. Wakeland, M. Zerial, and S.F. Kingsmore. 1995. The rab protein family: genetic mapping of six rab genes in the mouse. *Genomics* 30:439-444.
- Barbosa, M.D.F.S., **S.A. Johnson**, K. Achey, M. J. Gutierrez, E.K. Wakeland, and S.F. Kingsmore. 1995. Genetic mapping of the choroideremia-like, rab escort protein-2 gene on mouse Chromosome 1. *Mammalian Genome* 6:488-489.

BOOK CHAPTERS

- Johnson, S.A.** 2005. Conservation and Life History of the Striped Newt: The Importance of Habitat Connectivity. Pp. 91-98 in: *Amphibians and Reptiles: Status and Conservation in Florida*, W.E. Meshaka and K. J. Babbitt (eds.). Krieger Publishing, Malabar, FL, 318 pp.
- Johnson, S.A.** and R. B. Owen. 2005. *Amphiuma means*, Two-toed Amphiuma. Pp. 642-645 in: *Amphibian Declines: The Conservation Status of United States Species*. M.J. Lanoo (ed.). University of California Press, Berkley, CA, 1094 pp.
- Dodd, C.K., Jr., D.B. Means, and **S.A. Johnson**. 2005. *Notophthalmus perstriatus*, Striped Newt. Pp. 887-889 in: *Amphibian Declines: The Conservation Status of United States Species*. M.J. Lanoo (ed.). University of California Press, Berkley CA, 1094 pp.

LIFE HISTORY AND GEOGRAPHIC DISTRIBUTION NOTES

- Krysko, K.L., *M.C. Granatosky, T.M. Bouse, and S.A. **Johnson**. 2008. *Leiocephalus carinatus* (Northern Curly-tailed Lizard) Geographic Distribution. *Herpetological Review* 39:483.
- Enge, K.M., **S.A. Johnson**, and K.L. Krysko 2008. *Osteopilus septentrionalis* (Cuban Treefrog) Geographic Distribution. *Herpetological Review* 39:480.
- *Hoffmann, K.E. and **S.A. Johnson**. 2008. *Osteopilus septentrionalis* (Cuban Treefrog) Diet. *Herpetological Review* 39:339.
- *Roznik, E.A. and **S.A. Johnson**. 2007. *Rana capito* (Gopher Frog) Refuge During Fire. *Herpetological Review* 38:412.
- Johnson, S.A.** 2007. *Osteopilus septentrionalis* (Cuban Treefrog) Geographic Distribution. *Herpetological Review* 38:349.

- Krysko, K.L., K.M. Enge, *J.H. Townsend, E. M. Langan, **S.A. Johnson**, and T.S. Campbell. 2005. New county records of amphibians and reptiles from Florida. *Herpetological Review* 36:85-87.
- Johnson, S.A.** 2004. *Osteopilus septentrionalis* (Cuban Treefrog) Geographic Distribution. *Herpetological Review* 35:405.
- Johnson, S.A.** J.S. Staiger, W.J. Barichivich, and S. Barlow. 2003. *Osteopilus septentrionalis* (Cuban Treefrog) Geographic Distribution. *Herpetological Review* 34:381.
- Johnson, S.A.**, J.S. Staiger, and W.J. Barichivich. 2003. *Eleutherodactylus planirostris* (Greenhouse Frog) Geographic Distribution. *Herpetological Review* 34:161-162.
- Johnson, S.A.**, W.J. Barichivich, and J.S. Staiger. 2002. *Hemidactylus turcicus* Geographic Distribution. *Herpetological Review* 33:322.
- Johnson, S.A.** and N. Dwyer. 2000. *Notophthalmus perstriatus* Geographic Distribution. *Herpetological Review* 31:249.
- Johnson, S.A.** and R. C. Means. 2000. *Hyla squirella* Reproduction. *Herpetological Review* 31:100.
- Johnson, S.A.** and R. Franz. 1999. *Notophthalmus perstriatus* Coloration. *Herpetological Review* 30:89.
- Winn, B., J.B. Jensen, and **S.A. Johnson**. 1999. *Eleutherodactylus planirostris* Geographic Distribution. *Herpetological Review* 30:49.
- Jensen, J.B. and **S.A. Johnson**. 1998. *Ambystoma cingulatum* Geographic Distribution. *Herpetological Review* 29:244.
- Owen, R.D., D.T. Bowman, and **S.A. Johnson**. 1998. *Ramphotyphlops braminus* Geographic Distribution. *Herpetological Review* 29:115.
- Owen, R.D. and **S.A. Johnson**. 1997. *Pseudacris ocularis* Predation. *Herpetological Review* 28:200.
- Johnson, S.A.** 1996. *Hyla femoralis* Predation. *Herpetological Review* 27:140.

POPULAR PUBLICATIONS AND EXTENSION 'FACT SHEETS'

- *Miller, G.J., **S.A. Johnson** and L.L. Smith. 2008. Ecological engineers: Southeastern Pocket Gophers are one of Nature's architects. Florida Cooperative Extension Service Publication WEC 241.
- Johnson, S.A.**, D.A. Johnson, and M.E. McGarrity. 2007. Venomous Snakes of the Southeast. Educational poster on snake identification and safety—printed in English and Spanish
- Johnson, S.A.** 2007. The Cuban Treefrog in Florida. Florida Cooperative Extension Service Publication WEC 218.
- Johnson, S.A.** and M.E. McGarrity. 2007. Dealing with snakes in Florida's residential areas: Introduction. Florida Cooperative Extension Service Publication WEC 219.
- Johnson, S.A.** and M.E. McGarrity. 2007. Dealing with snakes in Florida's residential areas: Identifying commonly encountered snakes. Florida Cooperative Extension Service Publication WEC 220.

- Johnson, S.A.** and M.E. McGarrity. 2007. Dealing with snakes in Florida's residential areas: Preventing encounters. Florida Cooperative Extension Service Publication WEC 221.
- Johnson, S.A.** and M.E. McGarrity. 2007. Dealing with snakes in Florida's residential areas: Emergency planning. Florida Cooperative Extension Service Publication WEC 222.
- Johnson, S.A.** and M.E. McGarrity. 2006. "Black Snakes": Identification and Ecology. Florida Cooperative Extension Service Publication WEC 214.
- Johnson, S.A.** and M.B. Main. 2005. Recognizing Florida's Venomous Snakes. Florida Cooperative Extension Service Publication WEC 202.
- Johnson, S.A.** and M.B. Main. 2005. Preventing Encounters between Children and Snakes. Florida Cooperative Extension Service Publication WEC 201.
- Johnson, S.A.** and M.B. Main. 2005. Dealing with Venomous Snakes in Florida School Yards. University of Florida Cooperative Extension Service Publication WEC 199.
- Johnson, S.A.** and M.B. Main. 2005. Emergency Snakebite Action Plan. Florida Cooperative Extension Service Publication WEC 200.
- Johnson, S.A.** 2003. "Frogs of North Florida" Calendar. USGS Publication, Tallahassee, FL.
- Barichivich, J. and **S.A. Johnson**. 2002. Frogloggers: Using technology to listen for frogs. *People, Land & Water* 9(1):30.
- King, F.W. and **S.A. Johnson**. 2002. A Plague of Frogs or a Jubilee of Toads. 8 p. [Online] Available at:
<http://www.flmnh.ufl.edu/natsci/herpetology/herpbiology/toadjubilee1.htm>
- Johnson, S.A.** 1995. Study finds way to keep turtles and turtle watchers happy. *Fathom* 7:17-18.

MANUSCRIPTS IN REVIEW OR PREPARATION

- Johnson, S.A.**, R.D. Owen, M.E. McGarrity, and M. Friedman. Life on the edge: Habitat associations and diet of Cuban treefrogs at an urban/wildland interface in Central Florida. In review at *Southeastern Naturalist*.
- McGarrity, M.E. and **S.A. Johnson**. Effects of land use composition on movements of experimentally displaced Cuban treefrogs. In review at *Caribbean Journal of Science*
- *Hoffmann, K.E. and **S.A. Johnson**. Variation in polyvinyl chloride (PVC) pipe refuge use among treefrog species. In review at *The Journal of Wildlife Management*
- Campbell, K.R., T.S. Campbell, and **S.A. Johnson**. The occurrence, distribution, and population trends of native and introduced treefrogs at a natural area in Wes-central Florida. In preparation for *Florida Scientist*
- Johnson, S.A.**, M.E. McGarrity, and C. Staudhammer. An effective chemical deterrent for invasive Cuban Treefrogs. In preparation for *Human-Wildlife Conflicts*

TECHNICAL REPORTS

- S.A. Johnson**, E. Roznik, C. Greenberg, and G. Tanner. 2008. Habitat Use by Florida Gopher Frogs in Savanna-like Versus Hardwood-invaded Longleaf Pine/Wiregrass Uplands. Final report to the Florida Fish and Wildlife Conservation Commission, Tallahassee, FL, 49 pp.
- K.R. Campbell, T.S. Campbell, and **S.A. Johnson**. 2006. Morris Bridge Wellfield/Flatwoods Park Long-term Amphibian Monitoring Project: Water Years 2005 and 2006. Annual report to Tampa Bay Water.
- S.A. Johnson**, E.M. Langan, and M. McGaritty. 2006. Monitoring and Excluding Frogs from Agricultural Fields in South Florida. Final report to VegPro, Quebec, Canada, 36 pp.
- E.M. Langan, R.R. Carthy, S. Nomani, **S.A. Johnson**, and M.K. Oli. 2006. Guidelines and Standard Techniques for Estimating Gopher Tortoise Abundance. Final report to ACOE, Champaign, IL, 18 pp.
- S.A. Johnson**, E.M. Langan, and M.H. Friedman. 2005. Excluding Anurans from Agricultural Fields in South Florida. Final report to VegPro, Quebec, Canada, 49 pp.
- S.A. Johnson**, and R.D. Owen. 2005. Status of Historical Striped Newt Locations in Peninsular Florida and Some 'New' Locations. Final report to the U.S. Fish and Wildlife Service, Jackson, MS, 67 pp.
- C.K. Dodd, Jr., **S.A. Johnson**, W.J. Barichivich, and J.S. Staiger. 2003. Amphibian Research and Monitoring Initiative (ARMI): Inventory and Monitoring in the Southeast Region. Unpublished U.S. Geological Survey Report, Gainesville, FL, 14 pp.
- C.K. Dodd, Jr., **S.A. Johnson**, W.J. Barichivich, and J.S. Staiger. 2002. Amphibian Research and Monitoring Initiative (ARMI): Inventory and Monitoring in the Southeast Region. Unpublished U.S. Geological Survey Report, Gainesville, FL, 8 pp.
- Johnson, S.A.** 2002. Conservation genetics of the striped newt (*Notophthalmus perstriatus*). Final Report. Florida Fish and Wildlife Conservation Commission, Tallahassee, FL, 26 pp.
- Johnson, S.A.** 1998. Natural history and reproductive ecology of the striped newt (*Notophthalmus perstriatus*) in north Florida. Unpublished report submitted to the U.S. Fish and Wildlife Service, Jackson, MS, 66 pp.
- Johnson, S.A.** 1997. Summary of surveys for striped newts (*Notophthalmus perstriatus*), flatwoods salamanders (*Ambystoma cingulatum*), and gopher frogs (*Rana capito*) along the Trail Ridge, Georgia. Unpublished report submitted to Golder Associates Inc. Gainesville, FL, 7 pp.
- Ehrhart, L.M., R.D. Owen and **S.A. Johnson**. 1994. Marine turtle nesting survey and reproductive success at Patrick Air Force Base; summer 1993. Unpublished report submitted to Patrick Air Force Base, Cocoa Beach, FL, 24 pp.
- Ehrhart, L.M., **S.A. Johnson**, W.E. Redfoot, and R.D. Owen. 1993. Studies of marine turtle nesting beach productivity in central and south Brevard, Florida in 1992. Unpublished report submitted to the Florida Department of Natural Resources, St. Petersburg, FL, 64 pp.
- Ehrhart, L.M., R.D. Owen and **S.A. Johnson**. 1993. Marine turtle nesting survey and reproductive success at Patrick Air Force Base; summer 1992. Unpublished report submitted to Patrick Air Force Base, Cocoa Beach, FL, 26 pp.

GRANTS RECEIVED (Total grants ~ \$800K)

- University of Florida Extension Program Enhancement Grant: "Don't Release Your Pets Campaign", 2008-2009, \$7,500 (Co-PI with Dr. Maia McGuire and Eleanor Forste)
- Florida Fish and Wildlife Conservation AHREs Program: "Inventory, Assessment, and Restoration Potential of Ephemeral Wetlands on FWC WMAs", 2008-2010, \$294,193 (Co-PI with Coastal Plains Institute)
- Renewable Resource Extension Act: funds allocated by the Department of Wildlife Ecology and Conservation, 2008-09, \$12,000 (Co-PI with Dr. Marty Main)
- IFOAM Specialty Products Corp.: "Experimental Test of the Effectiveness of "Sniff 'n' Stop" as a Chemical Deterrent for Cuban Treefrogs (*Osteopeltus septentrionalis*), 2007, \$7,185
- US Fish and Wildlife Service: "Ecology and conservation of Snowy Plovers in the Florida panhandle", 2007-2009, \$68,000
- US Army Corps of Engineers, Ecological Processes Branch: "Cost and accuracy analysis of gopher tortoise survey techniques", 2005-2006, \$115,982 (Co-PI with Dr. R.R. Carthy and Dr. M.K. Oli)
- Florida Fish and Wildlife Conservation State Wildlife Grants Program: "The ecology and conservation of large terrestrial snakes in the longleaf pine ecosystem: Do upland snakes partition resources?", 2006-08, \$55,190 (Co-PI with Dr. Lora Smith)
- VegPro/TKM Farms: "Monitoring anurans at agricultural fields in South Florida", 2005-06, \$19,947
- Southwest Florida Water Management District Community Education Grant: "Lake Hollingsworth interpretive nature trail", 2005-06, \$5,000
- Renewable Resource Extension Act: funds allocated by the Department of Wildlife Ecology and Conservation, 2005-06, \$19,000 (Co-PI with Dr. Michael Andreu)
- Florida Nongame Wildlife Program: "Habitat use by Florida Gopher Frogs in savanna-like versus hardwood invaded longleaf pine-wiregrass uplands", 2005-07, \$83,400 (Co-PI with Dr. K. Greenberg and Dr. G. Tanner)
- University of Florida, IFAS: Professional Development Improvement Scholarship, 2005, \$2,500
- VegPro/TKM Farms: "Excluding anurans from agricultural fields in South Florida", 2004-05, \$36,900
- Renewable Resource Extension Act: funds allocated by the Department of Wildlife Ecology and Conservation, 2004-05, \$3,600
- U.S. Fish and Wildlife Service: "Critical habitat survey of the striped newt in north Florida", 2000-05, \$5,000
- Florida Nongame Wildlife Program: "Conservation Genetics and Phylogeography of the Striped newt (*Notophthalmus perstriatus*)", 1999, \$4,500
- Chelonian Research Foundation, Linnaeus Fund: "Gaps in a solid foundation: shell kinesis in the Testudines", 1999, \$1,000
- Gopher Tortoise Council, J. Larry Landers Student Research Grant: "Conservation Genetics of the Striped newt (*Notophthalmus perstriatus*)", 1999, \$1,000

U.S. Fish and Wildlife Service: "Natural History of the Striped newt (*Notophthalmus perstriatus*) in North Florida:, 1996-1998, \$51,152

Lerio Corporation: I secured the donation of 50 large (180 gal) tubs to be used in my dissertation experiments, 1997, tubs valued at \$5,500

Travel grants to attend scientific meetings, received from University of Florida, University of Central Florida, Annual Sea Turtle Symposium, Florida Sea Grant, Society for the Study of Amphibians and Reptiles, Chelonian Research Foundation, and the Herpetologists League, ca. \$3,000

PRESENTATIONS

INVITED PRESENTATIONS

The Wildlife Society 15th Annual Conference, Miami, FL 2008: An effective chemical deterrent for mitigating conflicts between people and invasive Cuban treefrog

Project WILD, Ocala, FL 2008: Introduced and Invasive Wildlife in Florida

2008 Everglades Invasive Species Summit, Miami, FL 2008: Developing an EDRR program for invasive vertebrates in the Everglades CISMA

First International Conference on the Coqui Frog, Hilo, HI 2008: The Cuban Treefrog in Florida: Ecology, Impacts, and Management

Boyd Hill Nature Center, Natural History Speaker Series, St. Petersburg, FL, 2008: Florida's Invasive Wildlife

Florida Invasive Animal Task Team meeting, Tampa, FL 2007: Development of an Early Detection Network for Nonindigenous Wildlife in Florida

Florida Native Plant Society—Suncoast Chapter meeting, Seffner, FL 2006: Frogs and Toads of West Florida

Annual Meeting of the Gopher Tortoise Council, Valdosta, GA 2006: Diet of Invasive Cuban Treefrogs at a Natural Area in Central Florida

Society for Wetland Scientists South Atlantic Chapter, Conservation and Management Issues Affecting Amphibians in the Southeast: Frog, Toad & Salamander Identification, Palatka, FL, 2006: Considerations for Conservation and Management of Pond-breeding Amphibians

Hillsborough County Extension—Florida Friendly Living 101, Seffner, FL 2006: Nuisance Wildlife in Florida Landscapes

Florida Department of Environmental Protection, Submerged Lands and Environmental Resources Conference, Jacksonville, FL, 2006: Isolated Wetlands and Their Amphibians

Hofstra University, Hempstead, NY, 2005: Alien Cuban Treefrogs threaten Florida's native species

Gainesville Herpetological Society, Gainesville, FL, 2004: ARMI: An integrated approach to determining the status of U.S. amphibians

Gopher Tortoise Council, Orlando, FL, Oct. 2003: Orientation and migration distances of the Striped Newt (*Notophthalmus perstriatus*), a pond-breeding salamander

Florida Department of Environmental Protection, Annual Park Biologists Meeting, Gold Head Branch State Park, Keystone Heights, FL Apr. 2003: USGS Amphibian Research and Monitoring Initiative (ARMI), and Life History of Striped Newts.

Okefenokee National Wildlife Refuge, Annual Meeting of the Florida and South Georgia Refuge Biologists, Folkston, GA, Nov. 2002: USGS Amphibian Research and Monitoring Initiative (ARMI): The Southeastern ARMI Project

University of Central Florida, Orlando, FL, 2001: Life history and conservation of the striped newt

Boyd Hill Nature Center, Natural History Speaker Series, St. Petersburg, FL, 1999: Metapopulation ecology of the striped newt

Gopher Tortoise Council, Waycross, GA, 1997: Natural history of the striped newt

International Congress of Chelonian Conservation, Nice, France, 1995: Florida's organized turtle watch program: effects on loggerhead behavior and hatchling production, and program recommendations

Gainesville Herpetological Society, Gainesville, FL, 1996: Reproductive ecology of the Florida green turtle

PAPERS AND POSTERS AT SCIENTIFIC MEETINGS

(* indicates paper/poster co-authored with a graduate or undergraduate student)

The 28th Annual Florida Master Gardener Continued Training Conference, Coral Springs, FL 2008: Invasive animals in Florida: problems and solutions.

The Wildlife Society 15th Annual Conference, Miami, FL 2008: Geographic trend in sexual size dimorphism and body size of *Osteopilus septentrionalis* (Cuban Treefrog). (Paper presented by SAJ with Monica E. McGarrity)

The Wildlife Society 15th Annual Conference, Miami, FL 2008: An effective chemical deterrent for mitigating conflicts between people and invasive Cuban Treefrogs. (Paper presented by SAJ with Monica E. McGarrity)

Joint Meeting of Ichthyologist and Herpetologists, Montreal, Quebec, Canada, 2008: A hybrid technique using visual implant elastomer and toe-clipping to individually mark anurans. (third author on poster presented with K. Hoffmann and M. McGarrity)

*Joint Meeting of Ichthyologist and Herpetologists, Montreal, Quebec, Canada, 2008: Home range size and refuge use of Florida Pine Snakes, *Pituophis melanoleucas mugitus*, in a southwest Georgia pine forest. (third author on presented paper with G. Miller*, L. Smith, and R. Franz)

72nd Annual Meeting of the Florida Academy of Sciences, Jacksonville, FL, 2008: The distribution and abundance of native and introduced treefrogs at Morris Bridge Wellfield/Flatwoods Park, Hillsborough County, Florida. (fourth author on presented paper with A. Harding, K. Campbell and T. Campbell)

International Symposium on Managing Vertebrate Invasive Species, Ft Collins, CO, 2007: Invasion of Cuban Treefrogs at a Natural Area in Central Florida and Their Diet

Joint Meeting of Ichthyologist and Herpetologists, St. Louis, MO, 2007: Upland habitat use and survival of post-metamorphic Gopher Frogs (co-author of paper presented by E. Roznik)

- *Florida Chapter of the Wildlife Society Spring Conference, St. Petersburg, FL, 2007: Use of visual implant elastomer to individually mark hylid treefrogs (co-author of poster presented by K. Hoffmann*)
- *Florida Chapter of the Wildlife Society Spring Conference, St. Petersburg, FL, 2007: Application of a digital voice recorder to monitor anuran calling activity (second author on paper presented with M. Dykes* and E. Brown*)
- *Florida Chapter of the Wildlife Society Spring Conference, St. Petersburg, FL, 2007: Temporal call pattern of Cuban Treefrogs (*Osteopilus septentrionalis*) at Morris Bridge Wellfield (second author on presented paper with E. Brown*, M. Dykes*, M. McGarrity, K. Campbell and T Campbell)
- 71st Annual Meeting of the Florida Academy of Sciences, St. Petersburg, FL, 2007: Diet of invasive Cuban Treefrogs at a natural area in central Florida (paper presented by SAJ with M. Friedman and R. Owen)
- 71st Annual Meeting of the Florida Academy of Sciences, St. Petersburg, FL, 2007: An assessment of the feasibility of using radiotelemetry to evaluate microhabitat use and movements of the invasive Cuban Treefrog (*Osteopilus septentrionalis*) in natural areas (second author on presented paper with M. McGarrity, T Campbell, K. Campbell, M. Dykes**, and E. Brown**)
- *71st Annual Meeting of the Florida Academy of Sciences, St. Petersburg, FL, 2007: Temporal call pattern of Cuban Treefrogs (*Osteopilus septentrionalis*) at Morris Bridge Wellfield (second author on presented paper with E. Brown*, M. Dykes*, M. McGarrity, K. Campbell and T Campbell)
- *71st Annual Meeting of the Florida Academy of Sciences, St. Petersburg, FL, 2007: Spatial and temporal variation of native and introduced treefrogs at Morris Bridge Wellfield/Flatwoods Park, Hillsborough County, Florida using PVC pipe refugia (fourth author on presented paper with M. Dykes*, K. Campbell and T. Campbell)
- *71st Annual Meeting of the Florida Academy of Sciences, St. Petersburg, FL, 2007: Population-level effects of introduced Cuban Treefrogs (*Osteopilus septentrionalis*) on native treefrog assemblages in isolated wetlands (fourth author on presented paper with P. Irvin*, K. Campbell and T. Campbell)
- 71st Annual Meeting of the Florida Academy of Sciences, St. Petersburg, FL, 2007: Morris Bridge Wellfield/Flatwoods Park long-term amphibian monitoring project, Hillsborough County, Florida (third author on presented paper with K. Campbell and T. Campbell)
- *Annual Meeting of the Gopher Tortoise Council, Valdosta, GA, 2006: Short-term fate of metamorph Florida Gopher Frogs (co-author of paper presented by E. Roznik*)
- Joint Meeting of the American Society of Ichthyologists and Herpetologists, Herpetologists' League, Society for the Study of Amphibians and Reptiles, an American Elasmobranch Society, Norman, OK, 2004: Sampling herpetofauna at St. Marks National Wildlife Refuge: A comparison with historical data (poster presented by SAJ with W.J. Barichivich, J.S. Staiger, and C.K. Dodd)
- Joint Meeting of the American Society of Ichthyologists and Herpetologists, Herpetologists' League, Society for the Study of Amphibians and Reptiles, an American Elasmobranch Society, Kansas City, MO, 2002: Influence of growth rate on life-history expression in striped newts (paper presented)
- Gopher Tortoise Council Annual Meeting, Aiken, SC, 2000: Phylogeography and conservation genetics of the striped newt (paper presented)

- All Florida Herpetology Conference, Gainesville, FL, 2000: Conservation genetics of the striped newt (paper presented)
- Symposium on Sea Turtle Biology and Conservation, South Padre Island, TX, 1999: Kemp's Ridley nesting in Florida (poster presented by SAJ with A.L. Bass, B. Libert, M. Marshall, D. Fulk), NOAA Technical Memorandum NMFS-SEFSC-443
- Joint Meeting of the American Society of Ichthyologists and Herpetologists, Herpetologists League, Society for the Study of Amphibians and Reptiles, American Elasmobranch Society, and Canadian Association of Herpetologists, Guelph, Ontario, Canada 1998: Metamorphosis and paedomorphosis in the striped newt (*Notophthalmus perstriatus*) at a north central Florida sandhill pond (paper presented)
- All Florida Herpetology Conference, Gainesville, FL, 1998: Patterns of paedomorphosis in the striped newt (paper presented)
- Society for the Study of Amphibians and Reptiles, Boone, NC, 1995: Organized sea turtle watches in Florida: effects on loggerhead (*Caretta*) behavior and hatchling production (paper presented)
- Joint Meeting of the American Society of Ichthyologists and Herpetologists, Herpetologists League, and American Elasmobranch Society, Edmonton, Alberta, Canada, 1995: Florida green turtle nest-site fidelity (paper presented by SAJ with L.M. Ehrhart)
- Symposium on Sea Turtle Biology and Conservation, Hilton Head, SC, 1995: Enhancing Florida's organized turtle watch program (poster presented by SAJ with K.A. Bjorndal, A.B. Bolten, and D.A. Johnson), NOAA Technical Memorandum NMFS-SEFSC-387
- Association of Southeastern Biologists, Orlando, FL, 1995: Reproductive success of the Florida green turtle at the Archie Carr National Wildlife Refuge, 1985 – 83 (paper presented by SAJ with L.M. Ehrhart), ASB Bulletin 41:101
- 58th Annual Meeting of the Florida Academy of Sciences, Tallahassee, FL, 1994: Recent trends in nesting of the Florida green turtle (paper presented), Florida Scientist Program Issue 57:36
- Symposium on Sea Turtle Biology and Conservation, Hilton Head, SC, 1994: Influence of organized turtle watches on loggerhead nesting behavior and hatchling production in Florida (paper presented by SAJ with K.A. Bjorndal and A.B. Bolten), NOAA Technical Memorandum NMFS-SEFSC-351
- Society for the Study of Amphibians and Reptiles, Bloomington, IN, 1993: Nesting behavior of the Florida green turtle (paper presented)
- 57th Annual Meeting of the Florida Academy of Sciences, St. Petersburg, FL, 1993: Site fidelity of the Florida green turtle at the Archie Carr National Wildlife Refuge (paper presented), Florida Scientist Program Issue 56:43
- Symposium on Sea Turtle Biology and Conservation, Jekyll Island, GA, 1993: Nest-site fidelity of the Florida green turtle (paper presented by SAJ with L.M. Ehrhart), NOAA Technical Memorandum NMFS-SEFSC-341
- 56th Annual Meeting of the Florida Academy of Sciences, Orlando, FL, 1992: Reproductive ecology of the Florida green turtle (*Chelonia mydas*): results of fieldwork at Melbourne Beach, FL, 1991 (paper presented), Florida Scientist Program Issue 55:25

Symposium on Sea Turtle Biology and Conservation, Jekyll Island, GA, 1992: Reproductive ecology of the Florida green turtle (*Chelonia mydas*) at Melbourne Beach, Florida, 1991 (paper presented by SAJ with L.M. Ehrhart), NOAA Technical Memorandum NMFS-SEFSC-361

PROFESSIONAL/UNIVERSITY SERVICE (* indicates multiple reviews)

Manuscript reviewer for scientific journals: *Copeia*, *Biological Conservation**, *Southeastern Naturalist* (reviewer and guest editor), *Forest Ecology and Management**, *Journal of Herpetology**, *Herpetological Review**, *Applied Herpetology*, *Florida Scientist**, *Journal of the Marine Biological Association of the UK*, *Chelonian Conservation and Biology*, *Caribbean Journal of Science*, *Journal of Heredity*, *Israel Journal of Zoology*, *Herpetologica*, *Research Letters in Ecology*, *Bulletin of the Florida Museum of Natural History*

Peer reviewer of scientific proposals: National Science Foundation, Florida Fish and Wildlife Conservation Commission (multiple proposals)

University of Florida, Plant City Education Center Campus Coordinator, appointed 2009

University of Florida, IFAS Faculty Assembly, elected member 2008-2010

University of Florida, IFAS Information Technology Policy/Advisory Committee, appointed member 2008-2010

University of Florida, IFAS Faculty Council, elected member 2006-2008

American Society of Ichthyologists and Herpetologists, judge for Stoye student paper award, 2007

Department of Environmental Horticulture, University of Florida, member of search committee for position in Sustainable Urban Landscape Conservation/Director for Center for Landscape Ecology and Conservation, Sep. 2006 – Dec. 2006

School of Forest Resources and Conservation, University of Florida, member of search committee for position in Urban Forestry, Jul. 2004 – Jan. 2006

Scientific Advisory Board for the *Frog Listening Network* in the Hillsborough River watershed, 2004-present

Associate Editor for *Herpetological Review*: July 2004 – July 2006

Society for the Study of Amphibians and Reptiles, judge for Seibert Award in Conservation, 2002

Department of Wildlife Ecology and Conservation, University of Florida, graduate student liaison on search committees for departmental chair and wetlands faculty positions

Wildlife Graduate Student Association, University of Florida, WGSA president for the 1997/98 school year

Institute of Food and Agricultural Sciences, University of Florida, representative on the graduate dean's student advisory committee, 1997 – 1999

All Florida Herpetological Conference, University of Florida, co-organizer of a graduate student symposium, 1998

Society for the Study of Amphibians and Reptiles, assistant to one of the associate editors for *Journal of Herpetology*, 1995

Florida Academy of Sciences, judge for the Junior Academy meeting, 1991

TRAINING WORKSHOPS AND COURSES ATTENDED

College of Agriculture and Life Sciences Teacher's College, University of Florida, September-November 2008

IFAS Grant Writing Seminar, University of Florida, December 2006

University of Florida Sexual Harassment Seminar, December 2006

Welcome to Relationship Strategies, University of Florida, December 2006

Managing Conflict at Work, University of Florida, December 2006

Coaching for Success, University of Florida, November 2006

Florida Natural Resource Leadership Institute, various locations in Florida, monthly workshops from January-October 2006

Southern Teaching Region Workshop, Mississippi State University, August 2006

7th Annual College of Agriculture and Life Sciences Teaching Enhancement Symposium, University of Florida, August 2006

College of Agriculture and Life Sciences Extension Symposium, University of Florida, May 2006

6th Annual College of Agriculture and Life Sciences Teaching Enhancement Symposium, University of Florida, August 2005

College of Agriculture and Life Sciences Extension Symposium, University of Florida, April 2005

5th Annual College of Agriculture and Life Sciences Teaching Enhancement Symposium, University of Florida, August 2004

Specialized Training for Wetland Specialists (SOS 6932): Hydric Soils, University of Florida, Soil and Water Science Institute, June 2003

Larval Amphibian Biology (equivalent of 3 semester hours), Highlands Biological Station, NC, June 1997

Pedagogic Workshop for Teaching Assistants, University of Florida, Office for Instructional Resources, Spring Semester 1997

Tools for Developing Molecular Markers, University of Florida, Interdisciplinary Center for Biotechnology Research, October 30 - November 3, 1995

Sea Turtle Conservation Genetics Workshop, University of Florida, Interdisciplinary Center for Biotechnology Research, February 21 - 25, 1994

TRAINING WORKSHOPS AND COURSES DEVELOPED AND PRESENTED

Franklin Magnet Middle School—Teacher Education, Tampa, FL 2007: Venomous Snake Education and Safety

- Manatee County Extension—Spring Gardening College, Palmetto, FL 2007: Venomous Snake Education and Safety
- In-service Training for UF County Faculty, Parrish, FL 2007: “Current Issues with Florida Wildlife”
- Society for Wetland Scientists South Atlantic Chapter, Conservation and Management Issues Affecting Amphibians in the Southeast, Palatka, FL 2006: Frog, Toad & Salamander Identification
- Pinellas County Extension—Exotic Wildlife Workshop: Problem Species in Florida—How We are Fighting Back, Largo, FL, 2006: Cuban Treefrogs and Other Problematic Amphibians
- Hillsborough County Teachers Workday, Armwood High School, Seffner, FL 2006: Snakes Alive, Venomous Snake Identification and Safety
- In-service Training for UF County Faculty, Gainesville, FL 2006: Dealing with Nuisance Wildlife in Urban and Suburban Settings
- Okaloosa County Extension—Advanced Master Gardener Training, Crestview, FL 2006: Invasive and Nuisance Wildlife in Florida’s Panhandle
- St. Johns River Water Management District, Palatka & Palm Bay, FL 2006: Salamander Natural History and Identification Workshop
- In-service Training for UF County Faculty—Pond Management, Apopka, FL: Safety Round Alligators and Venomous Snakes
- St. Johns River Water Management District, Palatka & Altamonte Springs, FL 2005: Frog Natural History and Identification Workshop
- Sarasota County Extension—Advanced Master Gardener Training, Sarasota, FL 2005: Nontraditional ‘Nuisance’ Wildlife

AWARDS AND SCHOLARSHIPS

- University of Florida IFAS Image Award, Gold Image Award in the poster category for “Venomous Snakes of the Southeast”, 2008
- 71st Annual Meeting of the Florida Academy of Sciences, American Association for the Advancement of Science Award to the best paper presented by a female undergraduate student at the meeting, paper authored by my undergraduate student E. Brown, 2007.
- 71st Annual Meeting of the Florida Academy of Sciences, Most Outstanding Student Paper Award for the Biological Sciences section, paper authored by my undergraduate student E. Brown, 2007.
- Association for Natural Resource Extension Professionals, Silver Medal Award in the Mixed Materials category for the program “Dealing with Venomous Snakes in Florida School Yards”, 2006
- Ph.D. Graduate Student Research Award, Department of Wildlife Ecology and Conservation, University of Florida, 1999/00 school year
- Ph.D. Graduate Student Service Award, Department of Wildlife Ecology and Conservation, University of Florida, 1997/98 school year

Jennings Scholarship, Department of Wildlife Ecology and Conservation, University of Florida, 1997

Marjorie McNeill Scholarship, Department of Wildlife Ecology and Conservation, University of Florida, 1995

Fifteenth Annual Symposium on Sea Turtle Biology and Conservation, 3rd place in student poster competition, 1995

Florida Academy of Sciences 57th Annual Meeting, best student paper in Florida Committee on Rare and Endangered Plants and Animals section, 1993

Florida Academy of Sciences 56th Annual Meeting, best student paper in Florida Committee on Rare and Endangered Plants and Animals section, 1992

PROFESSIONAL SOCIETY MEMBERSHIPS

Society for Conservation Biology

Florida Academy of Sciences

Herpetologists' League

The Wildlife Society

Society for the Study of Amphibians and Reptiles

American Society of Ichthyologists and Herpetologists

Gopher Tortoise Council

Association of Natural Resource Extension Professionals

Florida Association of Natural Resource Extension Professionals