

Phil Allman

Department of Biological Sciences
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Professional Statement

I am an applied ecologist with a primary interest in elucidating the complicated influences of biological processes, economic drivers, and cultural pressures that collectively determine best management practices for endangered and threatened species. Exploring the role of biotic and abiotic factors in population dynamics allows one to identify intra-specific variation that should always be recognized in species recovery plans. In this way conservation activities can preserve biodiversity at the genetic level instead of the species level to ensure evolutionary processes are not disrupted. I collaborate with scientists from around the world to actively engage students in their own learning path that best enables them to achieve their career goals. I have mentored students from many disciplines such as biology, environmental sciences, criminal justice, nursing, business, engineering, anthropology, and education.

Professional Highlights

- Awarded US Fulbright Scholar Award in 2006 to explore the roles of community and culture in conservation
- Awarded the Excellence in Teaching Award from the National Society of Leadership and Success (2015)
- Developed and currently lead the annual BIOS Boot Camp program at FGCU for first-year science majors (reduced attrition in General Biology courses)
- “Call of the Ancient Mariner” documentary featuring the sea turtle program in Ghana (saveculture.org) (Official Selection Wildlife Conservation Film Festival)
- Organized the First Annual Ghana National Sea Turtle Conference in 2018
- Awarded competitive external grants each year since 2007 to support conservation and research efforts for endangered species
- LoriKim Alexander wins Archie Carr Sea Turtle Conservation Award for Best Student Paper at International Sea Turtle Symposium, becoming the first undergraduate student to ever win this award (36 years) (2012)
- Andrews Agyekumhene wins Archie Carr Sea Turtle Conservation Award for Best Student Paper at International Sea Turtle Symposium (2017)
- Ivana Lezcano wins Best Student Paper at Gopher Tortoise Council Conference (2018)
- Invited member of the IUCN Turtle and Tortoise Specialist Group
- Invited member of the IUCN Marine Turtle Specialist Group

Professional Experience

2007 - **Florida Gulf Coast University**, Department of Biological Sciences
Associate Professor (2014 – current)
Honors Faculty Fellow (2015 – current)
Assistant Professor (2007 – 2014)
Instructor of Record: General Biology I, General Biology II, Honors General Biology II, Scientific Process, Reptile and Amphibian Evolution, Herpetology, Conservation Biology, Senior Research, Senior Research Presentation
Developed Courses: Research Experience in West Africa (Field School), Research Methods in Costa Rica (Field School), Sciences of Yellowstone National Park, Sea Turtle Biology and Conservation
Faculty-led Study Abroad: Ghana (2010, 2012, 2017), Costa Rica (2014), South Africa (2016, 2018)

Teach General Biology 2 as a flipped classroom, increase in student performance and interest
Developed BIOS Boot Camp – one week orientation program for first-year students covering study skill activities and biology content and laboratory activities
Created and advise The FGCU Wildlife Club with a mission to connect internship, volunteer, and service learning opportunities in the region with FGCU students
Created and manage the FGCU Herpetology Research Lab to engage students outside the classroom for research opportunities and informal discussions of primary literature

2006-07

J. William Fulbright Scholar

University of Ghana & Ghana Wildlife Division (Forestry Commission)
Research: Explore community-based conservation in Ghana and develop the first sea turtle tagging research program in West Africa

2000-06

Ohio University, Department of Biological Sciences

Awarded Graduate Student Teaching Excellence Award (2005)
Teaching Assistantship: General Biology I, II, III, Field Ecology, Community Ecology, Principles of Physiology, Introduction to Zoology,
Guest Lectures: Ornithology, Introduction to Zoology

1997-00

University of Maryland – Baltimore County, Department of Biology

Teaching Assistantship: Comparative Physiology, Plant Physiology

Education

2000-06

Doctor of Philosophy (PhD)

Ohio University, Department of Biological Sciences
Center for Ecology and Evolutionary Studies
Dissertation: Consequences of egg size on hatchling energetics in the diamondback terrapin, *Malaclemys terrapin*: a geographic comparison

2004

Tropical Biology Field Course

Organization for Tropical Studies, Duke University, University of Costa Rica
Independent Research: Niche partitioning in three sympatric species of scorpions, Using tide pools to test the Intermediate Disturbance Hypothesis

1997-00

Master of Science (MS)

University of Maryland – Baltimore County, Department of Biological Sciences
Thesis: Visual accommodation in three species of sea turtles: photokeratometric and video refraction measurements

1992-96

Bachelor of Science (BS)

University of North Carolina – Wilmington, Department of Biological Sciences
Major: Marine Biology
Minor: Chemistry

Synergistic Service and Activities

2018

Invited Speaker: Friends of Cayo Costa Nature Festival

2018

Invited Speaker: Friends of Delnor-Wiggins State Park: Gopher tortoise ecology

2018

Invited Speaker: Audubon of the Western Everglades

2017 Reviewer for Southeast Naturalist
 2016 Reviewer for Herpetologica
 2016 Reviewer for Journal of Herpetology
 2016 Reviewer for Chelonian Conservation & Biology
 2016 Reviewer for McGraw Hill Education (Biology Text Book)
 2015 Invited Speaker for Friends of Delnor Wiggins State Park: Gopher tortoise ecology
 2013 - Chief Editor – Africa Sea Turtle Newsletter
 2013 Invited Speaker for Friends of Delnor Wiggins State Park: Gopher tortoise telemetry
 2012 Reviewer for Chelonian Conservation and Biology
 2012 Reviewer for Herpetological Conservation and Biology
 2011 Reviewer for Pearson Publishing – Campbell Biology
 2011 - FGCU, CAS Graduate Affairs Team
 2011 Reviewed Cengage Publishing, Russell’s Biology
 2011 Invited Speaker for Friends of Pelican Bay: Community-based conservation in West Africa
 2010 - Student judge – Florida Herpetology Society
 2010 - Reviewer for McGraw Hill – Biology in Focus, Biology
 2010 - FGCU, Student judge – FGCU Annual Research Day
 2010 - FGCU, Interview Panel – Honors Program student selection
 2010-12 Reviewer for Nature Education – Ecology, Nature Magazine
 2009 - Founding Board Member - Turtle Survival Alliance Africa
 2009-14 FGCU, Chair of MS Biology Planning Committee
 2008 - Coordinator for North American Migratory Bird Count: Okaloacoochee Slough Wildlife Reserve
 2008-10 FGCU, Graduate Affairs Team
 2008 Invited Speaker for Friends of Barefoot Beach Park: Community-based conservation in West Africa
 2007 - FGCU, Faculty Advisor for The Wildlife Club
 2007 - FGCU, Whitaker Center for STEM Education
 2007-09 FGCU, Council on International Incentives and Services
 2007-08 FGCU, Faculty Senate
 2007 FGCU, Academic Building 7 planning committee (first LEED certified building in Lee County)

Hobbies and Special Interests

Boy Scouts of America

Eagle Scout – North Carolina Piedmont District – 1991

PADI Advanced Diver

Specialty Dives: Navigation, Scientific Data Collection, Fish Identification, Deep Dive, Night Dive

Wildlife Photographer

Instagram: [nature.shots.by.phil](https://www.instagram.com/nature.shots.by.phil)

Published Photographs:

Allman, P. 2018. Florida Photo Spots: Naples and Collier County. Eds Peggy Farren and Joe Fitzpatrick. 200 Pp.

Running

2016 Miami Marathon Finisher

Other

kayaking, camping, hiking, backpacking, music

Funding

2018	USFWS – Marine Turtle Conservation Fund (\$22,300) -expansion of community-based sea turtle conservation in Ghana
2018	Florida Park Service (\$15,000) -sea turtle nest monitoring program at Cayo Costa State Park
2017	USFWS – Marine Turtle Conservation Fund (\$22,000) -community-based sea turtle conservation and fishery by-catch research in Ghana
2017	Florida Park Service (\$15,000) -sea turtle nest monitoring program at Cayo Costa State Park
2016	USFWS – Marine Turtle Conservation Fund (\$16,500) -community-based sea turtle conservation program in Ghana
2016	Mohamed bin Zayed Species Conservation Award (\$14,000) -community protection of endangered hingeback tortoises in Ghana
2016	Rufford Small Grants Program (\$1,500) -sea turtle conservation education in Ghana
2016	IDEA Wild Grant (\$800) -sea turtle fishery by-catch research
2016	Turtle Conservation Fund (\$4,700) -Ecology and conservation of Homes hingeback tortoise in Ghana’s rainforest
2015	USFWS – Marine Turtle Conservation Fund (\$16,500) -Community-based sea turtle conservation and fisheries by-catch reduction in Ghana
2015	Mohamed bin Zayed Species Conservation Award (\$9,000) -Involving community members in the protection of hingeback tortoises in Ghana’s rainforest
2015	Five Oceans Environmental Services (\$6,500) -Construction of a community education center in Mankoadze, Ghana
2015	National Oceanographic and Atmospheric Association (\$1,500) -The utilization of LED lights on gill nets to reduce sea turtle and marine mammal mortality in Ghana’s gill net fishery (equipment only)
2015	Rufford Foundation Small Grant (\$1,000) -The utilization of LED lights on gill nets to reduce sea turtle and marine mammal mortality in Ghana’s gill net fishery (community education and support)
2014	USFWS – Marine Turtle Conservation Fund (\$12,000) -Community-based sea turtle conservation
2014	Turtle Survival Alliance & Chelonian Research Foundation (\$6,500) -Population assessment of hingeback tortoises in West Africa. Are these tortoises critically endangered?
2013	USFWS – Marine Turtle Conservation Fund (\$10,000) -Community-based sea turtle conservation
2013	FGCU – Faculty Support for Undergraduate Research (\$500) -The use of radio telemetry to enhance field research experience for undergraduate students
2012	USFWS – Marine Turtle Conservation Fund (\$10,000) -Community-based sea turtle conservation
2011	IDEA Wild Research Award (\$800) -Equipment support for community and school education programs in Ghana
2011	State of the World of Turtles Research Award (\$1,000) -Support for community and school education programs in Ghana
2010	FGCU – Faculty Support for Undergraduate Research (\$3,300) -Initiate 3-year road kill study on campus entrance roads
2009	Disney World Conservation Fund (\$23,550) -Satellite tracking olive ridley sea turtles after nesting in Ghana

- 2009 International Commission for Conservation of Tuna (\$15,250)
-Purchase of two ATV four-wheel motorbikes to conduct sea turtle nest surveys in Ghana
- 2009 USFWS – Marine Turtle Conservation Fund (\$13,500)
-Community-based sea turtle conservation
- 2009 Turtle Survival Alliance – IUCN Turtle & Tortoise Specialist Group (\$2,000)
-Confirmation of a newly discovered population of hingeback tortoises in Ghana’s rainforest
- 2008 Kitson Babcock, LLC (\$113,124)
-Feasibility study (wildlife survey, habitat mapping) for new wildlife reserve in southwest Florida
- 2007 World Wildlife Fund (\$2,000)
-Community-based sea turtle conservation

Mentorship

*undergraduate students

2018

- Kristen Beyer Habitat use and activity range of gopher tortoises living in a coastal dune habitat
- Sarah Norris Impact of erosion and sea level rise on loggerhead sea turtle nest site selection in Florida
- Amber Shaw Captive born adult sea turtles displaying migratory behaviors in a captive facility
- Alexis Ferrera Population genetics of olive ridley sea turtles in Ghana
- *Guenther-Henry Salzl Temporal variation in habitat use and daily activity in gopher tortoises
- *Dylan Yakich Impact of red tide event on sea star abundance in coastal habitats
- *Nicolai Ward Distribution of gopher tortoise burrows at Lover’s Key State Park
- *Amanda DeLuca Mark-recapture as a tool to understanding gopher tortoise population dynamics
- *Jessica Bloodgood Egg follicle development in gopher tortoises suggest some individuals double clutch

2017

- *Colin Lewis Impact of fire frequency on herpetofauna communities at Highlands Hammock State Park
- *Ivana Lezcano Sex steroid hormone profiles from gopher tortoises at southern edge of species range
- *Scott Nichols Sex variation in habitat use and daily activity in gopher tortoises
- *Ada-Marie Jessell Daily activity patterns in a coastal dune population of gopher tortoises
- *Richard Cassell Population genetics of two island populations of gopher tortoises
- *Mark Aughton Diet and demography of the introduced basilisk lizard in Collier County, Florida

2016

- *Lewis Barrett Does gopher tortoise food preference shift with seasonal abundance of fruit and seeds
- *Sara Bolds Does ‘city glow’ in Naples (FL) influence sea turtle hatchling orientation on barrier islands
- *Michael Brown Have wildlife crossing signs on campus reduced road mortality on the two entrance roads
- *Taylor Hancock Variation in spade-like tubercles on the hind limbs of oak toads throughout Florida
- *Kristen Sardina Using Species Richness Indices to inform management of protected areas in Florida

2015

- *Hannah Kemp Adult tortoise burrow selection in southwest Florida
- *Jillian Lapke Juvenile tortoise burrow selection in southwest Florida
- *Dianna Loescher Habitat modeling to delineate gopher tortoise habitat in a local reserve
- *Casey Miller Population structure of gopher tortoises in southwest Florida
- *Josh Nelson Does canopy cover and proximity to vegetation influence tortoise burrow sites
- *Morgan Scarborough Is egg relocation a good management tool for endangered sea turtles
- *Stephen Touche Population ecology of gopher tortoises in southwest Florida

2014

Derek de Witt Thesis: Empirically testing traditional knowledge of sea turtle nesting activity in Ghana
*LoriKim Alexander Demography of gopher tortoises in pine scrub habitats of southwest Florida
*Dan Barbour Population structure of a critically endangered tortoise in Ghana's rainforest

2013

Sarah Funk Thesis: Foraging ecology of non-native iguanas on Keewaydin Island, Florida
*Kyle Moore Student and staff opinions on the presence of alligators on campus
*Andrew Medhurst Influence of temperature and rainfall on singing non-native cane toads in Florida

2012

*Jared Knott Significant road mortality on campus: are we losing our herpetofauna on campus

2011

Andrea Naccarato Thesis: genetic variation within a population of non-native iguanas on Keewaydin Island
*Katharina Zachow The impact of Cuban tree frogs on local populations of native green tree frogs
*Jordan Donini Demography and movement of turtle communities across ponds on FGCU's campus
*Robert Wozniak The influence of temperature and light cycle on tail regeneration in the Cuban anole
*Gonzalo De Villa Turtle community structure in ponds on FGCU's campus

2010

*Sean Wilkinson Population assessment of alligators on FGCU's campus

2009

Andy Agyekumhene Thesis: Differences in nest site selection between leatherback and olive ridley sea turtles
George Wiafe Thesis: Sea turtle mortality rate in Ghana's local fishery

2008

*Mary Mangiapia Displacement of green tree frogs by Cuban tree frogs on FGCU's campus

Invited Contributions

Allman, P. 2017. The ecology of gopher tortoises on the southern edge of their range. Audubon Society of the Western Everglades. Naples, Florida. Public Talk.

Allman, P. 2017. The ecology of coastal dune gopher tortoises in southwest Florida. Friends of Delnor Wiggins State Park. Naples, Florida. Public Talk.

Allman, P. 2017. The ecology and conservation of gopher tortoises in Florida. Friends of Highlands Hammock State Park. Sebring, Florida. Public Talk.

Allman, P and A Agyekumhene. 2017. Reducing sea turtle by-catch in Ghana's fisheries. 36th Annual Symposium on Sea Turtle Biology and Conservation. Africa Regional Working Group. Las Vegas, NV.

Allman, P and A Agyekumhene. 2016. Status and long-term conservation needs of sea turtles in Ghana, West Africa. 36th Annual Symposium on Sea Turtle Biology and Conservation. Africa Regional Working Group. Lima, Peru.

Loescher, D and P Allman. 2015. The use of habitat modeling to delineate appropriate gopher tortoise (*Gopherus Polyphemus*) habitat at Corkscrew Regional Ecosystem Watershed. Corkscrew Watershed Science Forum, Corkscrew Swamp Sanctuary, Naples, Florida.

- Allman, P. 2015. Gopher tortoise population ecology at Delnor Wiggins State Park. Friends of Delnor Wiggins State Park, Naples, Florida. Public Talk.
- Allman, P and A Agyekumhene. 2014. Traditional taboos aid in the protection of sea turtles in Ghana. Africa Regional Meeting. International Sea Turtle Society. New Orleans, LA.
- Erdman, R and P Allman. 2014. Dealing with growth: improving student learning in large enrollment general biology courses. Pearson Teaching Workshop, Amelia Island, Florida.
- Allman, P. 2013. Gopher tortoise telemetry at Delnor Wiggins State Park. Friends of Delnor Wiggins State Park, Naples, Florida. Public Talk.
- Allman, P. 2011. Sea turtle research and conservation activities in West Africa. Friends of Pelican Bay. Naples, Florida. Public Talk.
- Allman, P. 2008. Establishing a sea turtle tagging and conservation program in Ghana. Florida Ecology and Evolution Symposium. Archbold Biological Station, Lake Placid, Florida.
- Allman, P. 2008. Initiation of the first sea turtle tagging conservation and research program in Africa. Africa Regional Meeting. International Sea Turtle Society. Loreto, Baja California.
- Allman, P. 2006. An energetic approach to understanding geographic variation in maternal investment. Fourth Annual Terrestrial and Freshwater Turtle Session. 26th Symposium on Sea Turtle Biology and Conservation. Crete, Greece.
- Allman, P. 2005. Intraspecific variation in reproductive strategies of a wide ranging turtle. Third Annual Terrestrial and Freshwater Turtle Session. 25th Symposium on Sea Turtle Biology and Conservation. Savannah, GA.
- Allman, P. 2005. An energetic approach to understanding intraspecific variation in egg size. Turtle Survival Alliance General Meeting and Conference. San Diego, CA.

Publications (* peer reviewed, bold indicates student author)

- ***Agyekumhene, A** and P Allman. In Prep. LED lights reduce sea turtle by-catch and improve market value of fish in Ghana's gill net fishery: a win-win for sea turtles and local communities. *Herpetological Conservation & Biology*.
- ***Shaw, A** and P Allman. In Prep. Behavioral change and phenological response in captive loggerhead sea turtles: seasonal patterns and the migratory process. *Zoo Biology*.
- ***Beyer, K** and P Allman. In Prep. Seasonal habitat use and home ranges of gopher tortoises in the coastal dune habitats of southwest Florida. *Chelonian Conservation and Biology*.
- *Allman, P, RM Bowden, J Donini, and **I Lezcano**. In Review. Year-round plasma steroid hormone profiles and the reproductive ecology of gopher tortoises (*Gopherus polyphemus*) at the southernmost edge of their range. *General and Comparative Endocrinology*.
- Allman, P and J Donini. 2019. The Blue-headed Anole, *Anolis allisoni*. In Amphibians and Reptiles of Florida, Eds. K Krysko, K Enge and P Moler. University of Florida Press. 728 Pp. (release date: February 12, 2019)

- ***Alexander, L**, A Agyekumhene and P Allman. 2017. The role of taboos and other social customs in the protection and recovery of sea turtles. *Frontiers in Marine Science*. 4:237. doi:10.3389/fmars.2017.00237.
- *Winters, C, **J Ross** and P Allman. 2017. Population genetics between an insular and coastal population of gopher tortoises (*Gopherus polyphemus*) in southwest Florida. *Southeastern Naturalist*. 16(3):369-382.
- *Donini, J and P Allman. 2017. Geographic Distribution: *Anolis allisoni*. *Herpetological Review*. 48(3):587-588.
- *Allman P and A Agyekumhene. 2017. Traditional taboos help save Ghana's sea turtles. The State of the World's Sea Turtles. ICUN Marine Turtle Specialist Group Report. 7:40-41.
- *Agyekumhene, A, B Airaud, P Allman, M Dalleau, J Fretey et al. 2017. The sea turtles of Ghana. The State of the World's Sea Turtles. ICUN Marine Turtle Specialist Group Report. 7:14-16.
- ***Naccarato, A**, J DeJarnette and P Allman. 2015. The successful establishment of a non-native species after a single introduction event: An investigation of ND4 variability in introduced black spiny-tailed iguanas (*Ctenosaura similis*). *Journal of Herpetology*. 49(2):230-236.
- *Allman, P, **D Barbour** and A Agyekumhene. 2015. Loggerhead sea turtle nesting activity in Ghana. *Africa Sea Turtle Newsletter*. 3:13-14.
- Allman, P. 2015. Guidelines for Watching Nesting Sea Turtles. In Phillip Brigs (*Editor*) Bradt Travel Guide to Suriname. The Globe Pequot Press, Guilford, Connecticut.
- *Agyekumhene, A, J Akwoviah and P Allman. 2014. Perceptions from fishing communities on sea turtle status and conservation in central Ghana. *Africa Sea Turtle Newsletter*. 2:11-16.
- *Dutton, P, S Roden, KR Stewart, E LaCasella, P Rivalan, M Tiwari, A Formia, J Thomé, SR Livingstone, S Eckert, D Chacon-Chaverri and P Allman. 2013. Population stock structure of leatherback turtles (*Dermochelys coriacea*) in the Atlantic revealed using mtDNA and microsatellite markers. *Conservation Genetics*. 14(3):625-636.
- *Allman, P, AR Place and WM Roosenburg. 2012. Geographic variation in egg size and lipid provisioning in the wide-ranging diamondback terrapin, *Malaclemys terrapin*. *Physiological and Biochemical Zoology*. 85:442-449.
- ***Naccarato, A**, J DeJarnette and P Allman. 2011. Population structure following extreme long-distance dispersal: An investigation of population genetics of non-native *Ctenosaura similis* on Keewaydin Island, FL. *Integrative and Comparative Biology*. 51:230.
- *Allman, P, WM Roosenburg and R Bowden. 2006. Egg size and yolk hormone levels in the diamondback terrapin across a latitudinal gradient. *Integrative and Comparative Biology*. 45(6).
- *Allman, P and WM Roosenburg. 2005. Intraspecific variation in reproductive strategies in a wide-ranging turtle. *Integrative and Comparative Biology*. 44(6):273.
- Roosenburg, WM, TA Radzio and P Allman. 2004. Terrapin Monitoring at Poplar Island, 2003. Final Report Submitted to the Army Corps of Engineers, Baltimore Office, Baltimore, MD pp. 24.
- *Allman, P, A Place and WM Roosenburg. 2003. Sex differentiation in three populations of *Malaclemys terrapin*: a turtle with temperature-dependent sex determination. *Integrative and Comparative Biology*. 43(6):806.

Roosenburg, WM, P Allman and BJ Fruh. 2003. Diamondback terrapin nesting on the Poplar Island environmental restoration project. U.S. National Oceanic and Atmospheric Administration. Coastal Services Center. Proceedings of the 13th Biennial Coastal Zone Conference, Baltimore, MD, July 13-17. 2003. NOAA/CS/20322-CD. CD-ROM. Charleston, SC: NOAA Coastal Services Center.

Roosenburg, WM and P Allman. 2003. Terrapin Monitoring at Poplar Island, Final Report Submitted to the Army Corps of Engineers, Baltimore Office, Baltimore, MD pp. 13.

Kraus, M, P Allman and J Seitz. 1999. Collier County Sea Turtle Protection Plan. Collier County Board of County Commissioners. NR-SP-00-01.

Kraus, M, P Allman and J Seitz. 2000. Collier County Sea Turtle Protection Plan. Collier County Board of County Commissioners. NR-SP-01-01.

Contributed Papers (bold indicates student author)

Allman, P. 2018. When do we know we have saved sea turtles? The value of long-term sea turtle monitoring programs. 1st Annual Ghana National Sea Turtle Conference. Accra, Ghana.

Allman, P, RM Bowden, J Donini, and **I Lezcano**. 2018. Year-round plasma steroid hormone profiles and reproductive ecology of gopher tortoises at the southernmost edge of their range. Gopher Tortoise Council Conference. Archbold Biological Station, Lake Placid, Florida.

Beyer, K and P Allman. 2018. Using radio-telemetry to track seasonal distribution and home ranges of gopher tortoises on a barrier island in southwest Florida. Gopher Tortoise Council Conference. Archbold Biological Station, Lake Placid, Florida.

Agyekumhene, A and P Allman. 2017. Sea turtle by-catch reduction in Ghana's gillnet fishery. 37th Annual Symposium on Sea Turtle Biology and Conservation. Las Vegas, NV. (**won best student paper**)

Norris, S, D Addison, J Schmid, and P Allman. 2017. The impact of dynamic shorelines on the reproductive ecology of sea turtles: a case study of *Caretta caretta* in southwest Florida, USA. The Florida Herpetology Conference. Gainesville, Florida, March 2017 (poster). (**won best student poster**)

Allman, P and A Agyekumhene. 2016. Nine years of sea turtle conservation and research in Ghana, West Africa: a review of accomplishments and activities. 36th Annual Symposium on Sea Turtle Biology and Conservation. Lima, Peru.

Shaw, A, H West, L Miller, **I Lezcano**, and P Allman. 2016. Seasonal changes in the behavior of captive loggerhead sea turtles may indicate innate migratory patterns. 36th Annual Symposium on Sea Turtle Biology and Conservation. Lima, Peru.

Hancock, T and P Allman. 2016. Characterizing extensive variation in spade-like structure of oak toads. Life Sciences South Florida 2016 STEM Undergraduate Research Symposium. Broward College, Coconut Creek, Florida.

Kittle, J and P Allman. 2016. The impact of survey methods on sea turtle nesting behavior in southwest Florida. Life Sciences South Florida 2016 STEM Undergraduate Research Symposium. Broward College, Coconut Creek, Florida.

- Till, J, J DeJarnette, and P Allman.** 2016. A Nuclear Analysis of Invasive *Ctenosaura similis* on Keewaydin Island as a measure of Population Diversity. Life Sciences South Florida 2016 STEM Undergraduate Research Symposium. Broward College, Coconut Creek, Florida.
- Barrett, L and P Allman.** 2016. The diet and foraging behavior of *Gopherus Polyphemus* in a coastal dune habitat in southwest Florida. 39th Annual Florida Herpetology Conference. University of Florida, Gainesville, Florida. **(won best student poster)**
- Brown, M, J Knott, and P Allman.** 2016. Do signs really open up their eyes? The effect of wildlife crossing signs on reptile and amphibian roadkill on slow speed roads through seasonal wetlands. 39th Annual Florida Herpetology Conference. University of Florida, Gainesville, Florida.
- Hancock, T and P Allman.** 2016. Characterizing extensive variation in spade-like structure of oak toads. 39th Annual Florida Herpetology Conference. University of Florida, Gainesville, Florida.
- Sardina, K and P Allman.** 2016. Does size matter? Exploring biodiversity on conservation properties of different sizes. 39th Annual Florida Herpetology Conference. University of Florida, Gainesville, Florida.
- Agyekumhene, A, **D Barbour, K Beyer,** and P Allman. 2015. The ecology and conservation status of Home's hingeback tortoise in southern Ghana. Turtle Survival Alliance Meeting. Tucson, Arizona.
- Loescher, D, T Thornhill, K Smith, and P Allman.** 2015. The use of habitat modeling to delineate appropriate gopher yortoise (*Gopherus polyphemus*) habitat at Corkscrew Regional Ecosystem Watershed. Florida Herpetology Conference, University of Florida, Gainesville, Florida.
- Naccarato, A, J DeJarnette, S Funck, and P Allman.** 2015. The successful establishment of the non-native Black Spiny-tailed Iguana (*Ctenosaura similis*) on Keewaydin Island. 19th Annual Southwest Florida Invasive Species Workshop. Florida Gulf Coast University, Ft. Myers, Florida.
- Agyekumhene, A and P Allman. 2014. A summary report of sea turtle research and conservation efforts in Ghana. Africa Regional Meeting, 34th Annual International Sea Turtle Conference, New Orleans, Louisiana.
- Agyekumhene, A, **D Barbour,** and P Allman. 2014. Integrating traditional perspectives in sea turtle conservation in Ghana, West Africa. 34th Annual International Sea Turtle Conference, New Orleans, Louisiana.
- Alexander, L, K Beyer, L McDonald,** and P Allman. 2014. Habitat use and morphometric analysis of *Kinixys homeana* in a West African rainforest. Florida Herpetology Conference, University of Florida, Gainesville, Florida.
- Barbour, D, A Agyekumhene, and P Allman.** 2014. Habitat use and Morphometric Analysis of *Kinixys homeana* in a West African Rainforest. Turtle Survival Alliance Annual Meeting, Report to IUCN tortoise and turtle specialist group. Orlando, Florida.
- Barbour, D, A Agyekumhene, and P Allman.** 2014. Examining the impact of cultural beliefs, local knowledge, and government protection on community-based sea turtle conservation in Ghana. 34th Annual International Sea Turtle Conference, New Orleans, Louisiana.
- Bourgois, A and P Allman. 2013. The utilization of a hatchery to minimize sea turtle impacts during a sea defense project in Ada Foah, Ghana. 33rd Annual International Sea Turtle Society Conference: The Biology and Conservation of Sea Turtles. Baltimore, Maryland.

- McDonald, L, L Alexander, J Firth,** J Herman, and P Allman. 2013. A preliminary analysis of habitat use and population density of *Kinixys homeana* in a West African rainforest. International Herpetology Conference & Workshop. Chilamate, Costa Rica.
- Alexander, L,** A Agyekumhene and P Allman. 2012. An assessment of local knowledge and attitudes toward sea turtle conservation in Ghana. 32nd Annual International Sea Turtle Society Conference: The Biology and Conservation of Sea Turtles. Oaxaca, Mexico (**won best student presentation**)
- deWitt, D,** A Agyekumhene and P Allman. 2012. Using local knowledge to test patterns of nesting sea turtles in Ada Foah, Ghana. 32nd Annual International Sea Turtle Society Conference: The Biology and Conservation of Sea Turtles. Oaxaca, Mexico.
- de Witt, D,** A Agyekumhene and P Allman. 2012. Using local knowledge to test patterns of nesting sea turtles in Ada Foah, Ghana. World Congress of Herpetology and American Society of Ichthyologists and Herpetologists. University of British Columbia, Vancouver, Canada.
- Funck, S** and P Allman. 2012. Feeding ecology and potential ecological impacts of an introduced iguana (*Ctenosaura similis*). World Congress of Herpetology and American Society of Ichthyologists and Herpetologists. University of British Columbia, Vancouver, Canada.
- Funck, S** and P Allman. 2012. Feeding ecology and potential impacts of an introduced iguanid (*Ctenosaura similis*). 35th Annual Florida Herpetology Conference. University of Florida, Gainesville, Florida.
- Ross, J,** P Allman and C Winters. 2012. Genetic structure of a gopher tortoise (*Gopherus polyphemus*) population on a barrier island in southwest Florida, USA. World Congress of Herpetology and American Society of Ichthyologists and Herpetologists. University of British Columbia, Vancouver, Canada.
- Blake, R** and P Allman. 2011. The effect of Florida's organized turtle walks on loggerhead sea turtle (*Caretta caretta*) nesting behavior. International Sea Turtle Society Conference on the Biology and Conservation of Sea Turtles. San Diego, CA. (*ORSP funded student travel).
- Knott, J** and P Allman. 2011. Vertebrate roadkill on a suburban university campus. Florida Herpetology Conference, Gainesville, FL.
- Naccarato, A,** JB DeJarnette, and P Allman. 2011. An investigation of population genetic diversity in introduced *Ctenosaura similis* after extreme long-distance dispersal. Society of Integrative and Comparative Biology, Salt Lake City, UT.
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