ANNIE PAGE

Harbor Branch Oceanographic Institute at Florida Atlantic University
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CURRENT POSITION

Associate Research Professor & Clinical Veterinarian
Harbor Branch Oceanographic Institute at Florida Atlantic University
Co-Director, Florida Atlantic University's Marine Science & Oceanography Master's Program
Associate Director of Education, Florida Atlantic University, Harbor Branch Oceanographic Institute
Clinical Veterinarian & Necropsy Lab Manager, Marine Mammal Research & Conservation Program
Member, Florida Atlantic University Institutional Animal Care & Use Committee
Affiliate Associate Research Professor, Department of Biological Sciences, Florida Atlantic University
Affiliate Associate Research Professor of Biology, Wilkes Honors College, Florida Atlantic University
Visiting Instructor, St. George's University, School of Veterinary Medicine

EDUCATION

2011 – 2015 **Ph.D. Veterinary Pathology**
University of Georgia, College of Veterinary Medicine, Athens, GA
- Graduate Assistantship, 2013 – 2015, UGA CVM Department of Pathology
- Graduate Assistantship, 2011 – 2013, UGA Ph.D. Scholars of Excellence Program
- Concentrations: Marine wildlife diseases, infectious diseases, pathology, ecology
- President, UGA Student Chapter of Wildlife Disease Association, 2013 – 2014

2007 – 2011 **D.V.M.**
University of Georgia, College of Veterinary Medicine, Athens, GA
- Concentrations: pathology, infectious diseases, aquatic animal health
- Morris Animal Foundation Research Fellow, 2009
- National Institutes of Health Veterinary Scholar, 2008
- President, Zoological Medicine Club, 2008 – 2009
- President, ARAV Student Chapter, 2008 – 2009

2005 – 2007 **B.S. Biological Sciences**
University of Georgia, Division of Biological Sciences, Athens, GA

1999 – 2003 **B.A. Biology**
College of Charleston, Department of Biology, Charleston, SC

PROFESSIONAL LICENSING

- Georgia veterinary license 2011 – 2016
- Florida veterinary license 2016 – Present
- DEA Practitioner's license 2016 – Present
- USDA & APHIS – National Accredited Veterinarian – Category II 2016 – Present

RESEARCH FOCUS

- Epidemiology, pathology, and ecology of marine wildlife disease
- Molecular diagnostic approaches to marine wildlife disease issues
- Marine wildlife population health assessment and rehabilitation

TEACHING EXPERIENCE

Instructor *Spring Semester 2021, 2023*
Florida Atlantic University, Harbor Branch Oceanographic Institute
Ecology of Infectious Marine Diseases (BSC 6936-002)

Co-Instructor *Fall Semester 2017, 2019, 2021*
Florida Atlantic University, Harbor Branch Oceanographic Institute
Aquatic Animal Health (PCB 24229-6772; 3 credit hours)

Guest Instructor
University of Georgia, College of Veterinary Medicine *Fall Semester 2021, 2022*
General Pathology

Guest Instructor *Fall Semester 2020*
Florida Atlantic University, Harbor Branch Oceanographic Institute
Biological Oceanography (OCB 6066-001)

Guest Instructor *April, 2014*
34th Annual Symposium for Sea Turtle Biology and Conservation, Sea Turtle Health Workshop

Guest Instructor *Maymester, 2014*
University of Georgia, Odum School of Ecology
The Biology and Conservation of Marine Mammals

Certified Student Instructor *2001 - 2003*
College of Charleston Center for Student Learning

RESEARCH & CLINICAL EXPERIENCE

Associate Veterinarian *May 2022 – Present*
Prima Vista Animal Hospital, Port Saint Lucie, FL
- Regular Saturday clinician at a busy small animal veterinary clinic; appointments every 30 min.

Backup Veterinarian *November 2018 – Present*
Frost Science Museum, Miami, FL
- Backup veterinary services for the museum's resident loggerhead sea turtle

Volunteer Veterinarian *February 2017*
- Manatee captures and health assessments

Program Monitor *November 2016 – Present*
- US Fish and Wildlife Service Aquatic Animal Drug Approval Partnership Program, Investigational New Animal Drug Program

Consulting Veterinarian *2015 – 2018*
Ministry of Environment of Ecuador, Puerto Lopez Sea Turtle Rehabilitation Center
- Part-time consulting services for veterinary, husbandry, and health research staff at a community-based sea turtle rehabilitation facility; on-site visit, lead tutorial lectures and workshop; provided written summaries and recommendations for best practices

Volunteer Veterinary Services *June 2013 – February 2016*
Zoo Atlanta, Atlanta, GA
- Assisted veterinary services team in care of the zoo collection, which consists of ~1,500 terrestrial and aquatic mammals, reptiles, birds, invertebrates; daily care and husbandry, physical examination, triage and prognosis evaluation, diagnostic procedures (i.e., endoscopy, radiology, ultrasound, biopsy, fecal analysis, clinical pathology), treatment plan development, surgery

Biosafety Level II Laboratory Manager & Research Technician *June 2013 – July 2015*
University of Georgia, College of Veterinary Medicine, Department of Pathology, Athens, GA

- Assisted UGA CVM Zoo and Exotics Pathology Service in diagnostic cases: sample handling, tissue trimming, histopathologic examination, and report finalization
- Developed, optimized, and performed molecular diagnostic analyses (DNA extraction, cPCR, qPCR, DNA sequence analysis, immunohistochemistry)
- Ecoepidemiology data mining from scientific literature for meta-analysis of tropical diseases
- Analyzed, interpreted, and evaluated data using statistical software (e.g., SPSS, SAS, MATLAB, R)
- Prepared scientific papers for publication and oral presentation
- Mentored and trained undergraduate and graduate students on safety and laboratory protocols
- Assisted with selection and procurement of laboratory supplies and equipment for multiple groups
- Tracked laboratory use, research project progress, supply inventory, and core duties
- Provided technical and logistical support to facilitate meeting research goals and deadlines

Member & Assistant Diagnostician *November 2012 – July 2015*
Georgia Department of Natural Resources, Marine Mammal Stranding Network

- On-call volunteer with the Georgia Marine Mammal Stranding Network.
- Provided supportive diagnostic services for marine mammal stranding cases in Georgia (i.e., case review, pathology, PCR, DNA sequencing, immunohistochemistry)

Relief Veterinarian *June – December 2013*
All Creatures Animal Hospital, Dunwoody, GA

- Provided relief veterinarian services for a busy 2-doctor private practice accepting small and exotic pet cases and wildlife
- Veterinary consultation with clients; appointments every 30 minutes
- Physical examination, triage and prognosis evaluation, diagnostic procedures (i.e., endoscopy, radiology, ultrasound, biopsy, fecal analysis, clinical pathology), treatment plan development, medication prescription, basic surgery, wildlife case intake, triage, treatment, euthanasia

Field Leader/Morris Animal Foundation Fellow *May – August 2009*
Sandy Point National Wildlife Refuge, St. Croix, USVI
Project: Investigating Leatherback Sea Turtle Nesting Success

- Beach monitoring, sea turtle nest relocation and excavation
- Health assessments of adult leatherback sea turtles
- Morphometric data, blood, and tissue collections from adult and hatchling leatherback sea turtles
- Passive integrative transponder and flipper tagging of leatherback, green, hawksbill sea turtles

Research Assistant *August 2008 – December 2013*
Georgia Dolphin Ecology Program, Midway, GA
Project: Ecology and Behavior of the Bottlenose Dolphin in the Estuarine System of Central Georgia

- Conducted boat-based abundance, distribution, and behavioral analysis surveys with photo identification of individual dolphins; collected environmental data, including temperature, salinity, turbidity, subsurface topography, nutrient input, water chemistry, and fish stocks
- Conducted acoustics surveys to develop a "sound map" of the study area via sonobuoys

Research Assistant/NIH Fellow *May – August 2008*
Georgia Veterinary Scholars Program, University of Georgia, Athens, GA
Project: Expression of the CB1 Receptor on Rat Nodose Ganglion Cells

- Performed microscopic surgery on rats to remove, isolate, and culture nodose ganglia
- Performed immunohistochemistry on nodose ganglion cells to isolate CB1 receptors

Supervisor, Wildlife Treatment Crew *August 2007 – September 2008*
University of Georgia, College of Veterinary Medicine, Zoological Medicine Department, Athens, GA
- Performed triage and diagnostics on sick/injured local wildlife
- Developed treatment plans and husbandry protocols'
- Led members of treatment crew to provide patient medical treatment and care
- Served as a liaison between veterinary faculty, staff, students and members of treatment crew

Research Assistant *January – May 2007*
Chytridiomycosis in *Rana catesbeiana*, University of Georgia, Department of Plant Sciences, Athens, GA
- Provided daily care and husbandry to 70 captive American bullfrogs

Biological Science Technician *May – August 2006*
NOAA NEFSC Bradford E. Brown Student Internship, Woods Hole Science Aquarium, Woods Hole, MA
- Provided animal husbandry and assisted in medical treatments for entire aquarium collection, including invertebrates, fish, sea turtles, and marine mammals
- Provided information to the public concerning the biology of the aquarium collection

Laboratory Technician *September 2005 – December 2006*
University of Georgia, College of Veterinary Medicine, Gross Anatomy Lab, Athens, GA
- Assisted in anesthesia, surgery, euthanasia, embalming, and preparation of veterinary specimens for gross dissection and display

Veterinary Technician *July 2004 – August 2005*
La Jolla Veterinary Hospital, La Jolla, CA
- Assisted 4 veterinarians in a busy small animal practice: assisted in physical examinations, diagnostic techniques, therapeutic treatments, radiology, and surgery of small animal patients
- Interacted with clients concerning treatment protocols and medical recommendations
- Developed strong written and oral communication abilities

Research Assistant *May – August 2004*
University of Hawai'i, Natural Heritage Program, Marine GAP Analysis, Honolulu, HI
- Conducted data research, field collection (interviews), and GIS mapping for locations of sea turtle and Hawaiian monk seal habitats

Resident Volunteer Biologist *September 2003 – April 2004*
Parque Nacional Marino Las Baulas, Playa Grande, Guanacaste, Costa Rica
- Beach monitoring
- Assisted park guards, scientists and students with leatherback sea turtle data collection, including morphometrics, PIT tagging, blood collection, and nest location data
- Performed nest relocations and assisted in guarding the hatchery
- Interacted with park guests and assisted in translation

Research Assistant *May – August 2002*
Northern Arizona University Department of Forestry, Flagstaff, AZ
Project: Forest Strand Structure and Ecological Restoration
- Field-based data collection regarding plant & wildlife population dynamics in Northern AZ and NM
- Attended a 3-week, field-based course in Tropical Forestry in Honduras
- Visited Escuela Nacional de Ciencias Forestales (ESNACIFOR) in Siguatepeque, Honduras

PROFESSIONAL TRAINING

Davis-Thompson Foundation's General Pathology Review Course
February 2022
Online review course on general veterinary pathology topics

Davis-Thompson Foundation's Day Seminar – Coral Diseases
February 2021
Online workshop on coral diseases and pathology

28th Annual Zoo & Wildlife Pathology Workshop of the American Association of Zoo Veterinarians
October 2022
Online workshop on zoo and wildlife pathology case studies

27th Annual Zoo & Wildlife Pathology Workshop of the American Association of Zoo Veterinarians
September 2020
Online workshop on zoo and wildlife pathology case studies

IACUC 101 Series: 301 – Scenarios
November 2018
Training in protocol review for IACUC members

HAZWOPER 24-HOUR Training (Safety Unlimited)
August 2018
Hazardous Waste and Emergency Response 24-hour Certification

Critical Care Techniques for Wildlife Patients, North American Veterinary Conference
February 2017
Hands-on laboratory for critical care techniques for wild birds, reptiles, and small mammals

American College of Zoological Medicine Exam Preparation and Study Course
July 2016
Preparation course for the American College of Zoological Medicine board certification examination

NOAA/Florida Fish and Wildlife Prescott Cetacean Stranding Workshop – Levels 1 and 2
June 2016
Training course in cetacean stranding response and necropsy

American College of Zoological Medicine Ultra-Short Course
October 2014
Preparation course for the American College of Zoological Medicine board certification examination

International Sea Turtle Symposium Rehabilitation and Health Workshop
February 2013, April 2014, February 2019
Attended lectures/labs for: sea turtle endoscopy and laparoscopy, anatomy, necropsy, pharmacology

Sea Turtle Foundation Sea Turtle Health & Rehabilitation Workshop, Queensland, Australia
July 2013
Attended labs for: sea turtle necropsy, in-water tagging and monitoring

Marathon Sea Turtle Health & Rehabilitation Workshop, Marathon, FL
December 2012, 2013, 2015, 2016, 2018, 2021, 2022
Attended labs for: sea turtle necropsy, endoscopy and laparoscopy, anatomy, CO_2 surgical laser use for fibropapilloma excision, wound care, wound V.A.C. therapy, and clinical pathology

Southeast Regional Sea Turtle Meeting, Jekyll Island, GA
February 2012
Attended labs for: Sea turtle cold stunning response, demographic modeling using program MARK

Ecology of Infectious Marine Diseases summer field course at Friday Harbor Laboratory, Friday Harbor, WA
July – August 2012
Surveyed host-pathogen interactions in the Friday Harbor, WA region
Became skilled at diagnostic tools for marine infectious diseases and host immune responses
Applied these methods to address ecological questions about marine organisms

Veterinary Rotations at University of Georgia, College of Veterinary Medicine
2010 – 2011
Clinical oncology
Large animal surgery
Small animal anesthesia
Anatomic pathology
Clinical pathology
Community practice clinic
Clinical radiology

Veterinary Preceptorships
2010 – 2011
Georgia Aquarium
Georgia Sea Turtle Center
Pacific Marine Mammal Center
Southeastern Cooperative Wildlife Disease Study
South Carolina Department of Natural Resources Marine Turtle Conservation Program
University of Florida, College of Veterinary Medicine, Dept. of Infectious Diseases & Pathology
North Carolina State University, College of Veterinary Med., Dept. of Population Health & Pathobiology

Georgia Southern University's Center for Wildlife Education and Lamar Q. Ball, Jr. Raptor Center- Annual Animal Health Check, Statesboro, GA
February 2008
Assisted UGA CVM Exotic Animal, Wildlife and Zoological Medicine services in restraint, anesthesia, physical examination, and clinical pathology evaluations of raptors, reptiles, and small mammals

Wisconsin Exotics and Zoo Animal Medicine Marine Mammal Conference, University of Wisconsin, School of Veterinary Medicine, Madison, WI
October 2008
Attended labs for: marine mammal necropsy and diagnostic techniques

Introduction to ArcGIS I
August 2008
16 hours of classroom instruction in ArcGIS I, certified by ESRI

University of Georgia, College of Veterinary Medicine, Wildlife Treatment Crew, Athens, GA
June 2007 – September 2008
Triage, diagnostic testing, and treatment for injured or ill wildlife; Crew supervisor 2007–2008

The Biology and Conservation of Marine Mammals Maymester Course, University of Georgia, Odum School of Ecology, Athens, GA
May – June 2007
Attended labs for: marine mammal cognition, anatomy, data and sample collection, necropsy

GRANTS & FUNDING

Total amount awarded as Principal Investigator: $1,898,652

• Florida State License Plate Fund, Save Our Seas, 2023 – 2024 $75,000
Project: *Identifying biomarkers of health status and contaminants exposure in Florida's nesting leatherback sea turtles*
Role: Principal Investigator

• Florida State License Plate Fund, Protect Wild Dolphins, 2023 – 2024 $243,000
Project: *HBOI's Marine Mammal Pathology, Tissue Archives, and Database Program*
Role: Principal Investigator

• Florida State License Plate Fund, Protect Florida Whales, 2023 – 2024 $165,000
Project: *HBOI's Marine Mammal Pathology, Tissue Archives, and Database Program*
Role: Principal Investigator

• Florida State License Plate Fund, Aquaculture, 2023 – 2024 $30,000
Project: *Transcriptomic, toxicologic, and histologic differences between pompano with and without β-glucan and symbiotic feed supplementation*
Role: Principal Investigator

• Harbor Branch Oceanographic Institute Foundation Discretionary Fund, 2022 – 2023 $125,000
Project: *Body condition, health, and movement ecology of Florida sea turtles*
Role: Principal Investigator

• Florida State License Plate Fund, Protect Wild Dolphins, 2022 – 2023 $199,999
Project: *HBOI's Marine Mammal Pathology, Tissue Archives, and Database Program*
Role: Principal Investigator

• Florida State License Plate Fund, Protect Florida Whales, 2022 – 2023 $90,000
Project: *HBOI's Marine Mammal Pathology, Tissue Archives, and Database Program*
Role: Principal Investigator

• Florida State License Plate Fund, Aquaculture, 2022 – 2023 $40,001
Project: *Phthalates exposure, dietary supplementation, and health in Florida pompano*
Role: Principal Investigator

• Harbor Branch Oceanographic Institute Foundation Special Research Grant, 2021 – 2022 $58,000
Project: *Relating environmental factors to sea turtle fibropapillomatosis in Florida*
Role: Principal Investigator

• Florida State License Plate Fund, Protect Wild Dolphins, 2021 – 2022 $135,000
Project: *HBOI's Marine Mammal Pathology, Tissue Archives, and Database Program*
Role: Principal Investigator

• Florida State License Plate Fund, Protect Florida Whales, 2021 – 2022 $60,000
Project: *HBOI's Marine Mammal Pathology, Tissue Archives, and Database Program*
Role: Principal Investigator

• Florida State License Plate Fund, Aquaculture, 2021 – 2022 $30,000
Project: *Microplastic and plastic additive effects on embryonic and juvenile Florida pompano (Trachinotus carolinus)*
Role: Principal Investigator

• Sea Turtle Conservancy Grant, 2020 – 2021 $23,040
Project: *Green turtle health, biotoxin exposure, and foraging ecology in Lake Worth Lago on, Florida*
Role: Principal Investigator

• American Association of Zoo Veterinarians, Wild Animal Health Fund, 2020 $6,990
Project: *Pharmacokinetics of metronidazole in green, loggerhead, and Kemp's ridley sea turtles after single oral and intravenous doses*
Role: Co-Investigator

• Florida State License Plate Fund, Protect Wild Dolphins, 2020 – 2021 $76,000
Project: *HBOI's Marine Mammal Pathology, Tissue Archives, and Database Program*
Role: Principal Investigator

• Florida State License Plate Fund, Protect Florida Whales, 2021 – 2021 $26,000
Project: *HBOI's Marine Mammal Pathology, Tissue Archives, and Database Program*
Role: Principal Investigator

• Florida State License Plate Fund, Protect Wild Dolphins, 2020 $37,878
Project: *HBOI's Florida Dolphins Pathology, Tissue Archives, and Database Program*
Role: Principal Investigator

• Florida State License Plate Fund, Protect Florida Whales, 2020 $12,625
Project: *HBOI's Florida Whales Pathology, Tissue Archives, and Database Program*
Role: Principal Investigator

• Wildlife Disease Association Challenge Grant– Experiment.com crowdfunding campaign, 2019 $2,142
Project: *Comprehensive health assessment of gopher tortoises in fragmented habitats in south Florida*
Role: Principal Investigator

• Florida State License Plate Fund, Protect Florida Whales, 2019 $167,202
Project: *Exploring Florida whale health in a rapidly changing environment*
Role: Principal Investigator

• Florida State License Plate Fund, Protect Florida Whales, 2019 $411,000
Project: *Using emerging technologies for population & behavioral ecology assessment of Florida whales*
Role: Co-investigator

• Florida State License Plate Fund, Protect Wild Dolphins, 2019 $337,001
Project: *Real-time assessment and management of the risk of infectious diseases in Florida dolphins*
Role: Co-investigator

• Force Blue Florida Keys Sea Turtle Conservation Fund, 2019 – 2020 $70,000
Project: *Green turtle health assessment in Florida Bay*
Role: Principal Investigator

• Harbor Branch Oceanographic Institute Foundation, 2018 – 2021 $1,639,000
Project: *HBOI Center for Coastal & Human Health*
Role: Co-investigator

• Texas State Aquarium Wildlife Care, Conservation and Research Fund, 2018 – 2019 $19,522
Project: *Fibropapillomatosis in Kemp's ridley sea turtles (Lepidochelys kempii)*
Role: Principal Investigator

• North Carolina Aquarium Society, 2018 – 2019 $14,521
Project: *Further investigation into chelonid herpesvirus 5 pathobiology in sea turtles in North Carolina*
Role: Principal Investigator

• Association of Reptilian and Amphibian Veterinarians Research Grant, 2017 – 2018 $3,000
Project: *Comprehensive health assessment of gopher tortoises inhabiting Loggerhead Park*
Role: Co-investigator

• Chicago Herpetological Society Conservation Grant, 2017 – 2018 $1,000
Project: *Comprehensive health assessment of gopher tortoises inhabiting Loggerhead Park*
Role: Co-investigator

• Florida Atlantic University, Osher Lifelong Learning Institute Research & Travel Grant, 2017 – 2018
Role: Principal Investigator $1,000

• North Carolina Aquarium Society, 2017 – 2018 $3,424
Project: *Investigation into chelonid herpesvirus 5 pathobiology in sea turtles in North Carolina*
Role: Principal Investigator

• American Association of Zoo Veterinarians, Wild Animal Health Fund, 2017 – 2018 $9,900
Project: *Investigating aspects of chelonid herpesvirus 5 in green and loggerhead sea turtles*
Role: Principal Investigator

• Florida State License Plate Fund, Save Our Seas, 2017 – 2018 $31,000
Project: *Investigating critical factors affecting sea turtle health in Florida*
Role: Principal Investigator

• Sea Turtle Conservancy Grant, 2017 – 2018 $18,366
Project: *Investigating aspects of chelonid herpesvirus 5 pathobiology in green & loggerhead sea turtles*
Role: Principal Investigator

• Florida State License Plate Fund, Protect Florida Whales, 2017 $34,970
Project: *Marine mammal health investigations using molecular diagnostics*
Role: Principal Investigator

• Florida State License Plate Fund, Protect Wild Dolphins, 2017 $90,000
Project: *Marine mammal health investigations using molecular diagnostics*
Role: Principal Investigator

• Florida State License Plate Fund, Protect Florida Whales, 2017 $194,415
Project: *Florida whale stranding response, care, and research*
Role: Co-investigator

• Florida State License Plate Fund, Protect Wild Dolphins, 2017 $170,000
Project: *Florida dolphin stranding response, care, and research*
Role: Co-investigator

• Florida State License Plate Fund, Protect Wild Dolphins, 2017 $160,000
Project: *Epidemiology, pathology, and population health*
Role: Co-investigator

• Sophie Danforth Conservation Biology Fund, Research Grant, 2013 $885
Role: Principal Investigator

• American Association of Zoo Veterinarians, Wild Animal Health Fund, 2013 $6,630
Role: Principal Investigator

• University of Georgia, Office of Vice President for Research, 2013 $2,547
Travel grant to present research at Sea Turtle Health and Rehabilitation Workshop, hosted by James Cook University and the Sea Turtle Foundation, Queensland, Australia

SCHOLARSHIPS

• Dennis Sikes Scholarship in Experimental Pathology, 2015 $3,000
University of Georgia, College of Veterinary Medicine, Department of Pathology

• Friday Harbor Laboratory Adopt-a-Student Program, 2012 $3,000
Scholarship for partial cost of attendance, Ecology of Infectious Marine Disease field course at University of Washington, Friday Harbor Laboratory, Friday Harbor, WA

• University of Georgia, Graduate School Assistantship, 2011 – 2013 $38,000
Ph.D. Scholars of Excellence Program

• Morris Animal Foundation Veterinary Student Scholars Program, 2009 $4,000
Project: *Investigating Leatherback Sea Turtle Nesting Success*

• Georgia Veterinary Scholars Summer Research Program, 2008 $5,610
National Institute of Health Department of Health and Human Service

• Bradford E. Brown Student Internship Program, 2006 $4,800
NOAA NEFSC, Woods Hole Science Aquarium internship in aquatic animal husbandry and management

• College of Charleston Academic Scholarship, 1999 – 2003 $12,800

• National Merit Scholarship, 1999 – 2003 $3,200

AWARDS AND HONORS

- University of Georgia, College of Veterinary Medicine, Distinguished Young Achiever Award, 2022
- Phi Zeta Veterinary Honor Society, Xi Chapter, inducted 2015
- University of Georgia Amazing Student, 2014
- 1st Place, University of Georgia Student Chapter of the Wildlife Disease Association, Abstract Competition, 2014
- 3rd Place, Student Poster Competition of the Annual Conference of Association of Reptilian & Amphibian Veterinarians, 2014
- Winner, Wildlife Disease Association, Best Student Poster Award, 2013
- Runner-up, University of Georgia, Student Chapter of the Wildlife Disease Association, Abstract Competition, 2013
- Winner, University of Georgia, Phi Zeta Manuscript Competition, General Biology category, 2013
- Certificate of Proficiency and Excellence in Veterinary Anatomic Pathology, UGA CVM, 2011
- Mortar Board National College Senior Honor Society, inducted 2007
- National Dean's List, 2006-2007
- University of Georgia Dean's List, 2006
- Chancellor's List, 2005–2006
- Golden Key International Honor Society, inducted 2001
- "Highly Distinguished Student" award, College of Charleston, 2001

- "Distinguished Student" award, College of Charleston, 2000 and 2002
- National Honor Society, inducted 1999
- United States Achievement Academy All-American Scholar, 1996–1998

JOURNAL ARTICLES, PEER-REVIEWED PUBLICATIONS

36. **Page-Karjian A**, Hay C, Marks W, Bennett BO, Gribble MO, Noke W, Stolen M, Jablonski T, Gordon N, George C, Jiang M, Pegg N, Brown H, Burton S. Trace element bioaccumulation, tissue distribution, and elimination in odontocetes stranded in Florida and Georgia, USA over a 15-year period (2007–2021). *Science of the Total Environment*, *In prep*.

35. **Page-Karjian A**, Brenner D, Norton TM. 2023. Retrospective biomedical evaluation of free-ranging ring-tailed lemurs (*Lemur catta*) on St. Catherines Island, Georgia, USA. *Journal of Zoo and Wildlife Medicine*, *In revision.*

34. Aoki D, Perrault JR, Hoffman SL, Guertin JR, **Page-Karjian A**, Stacy BA, Lowry D. 2023. Forensic determination of shark species as predators and scavengers of sea turtles in Florida and Alabama. *Marine Ecology Progress Series*, 703: 145–159. Link to article

33. **Page-Karjian A**, Perrault JR. 2022. Noninvasive biological sampling of free-ranging wildlife. EBSCO Pathways to Research, Sustainability Section. https://www.pathways2research.com/pts/Noninvasive%20Biological%20Sampling%20of%20Free-Ranging%20Wildlife.

32. **Page-Karjian A**, Stacy NI, Morgan AN, Coppenrath CM, Manire CA, Herbst LH, Perrault JR. 2022. Morphologic and physiologic characteristics of green sea turtle (*Chelonia mydas*) hatchlings in southeastern Florida, USA. *Journal of Comparative Physiology B*, 192: 751–764. doi: 10.1007/s00360-022-01450-9 Link to article

31. Perrault JR, **Page-Karjian A**, Morgan AS, Burns LK, Stacy NI. 2022. Morphometrics and blood analytes of leatherback sea turtle hatchlings (*Dermochelys coriacea*) from Florida: reference intervals, temporal trends with clutch deposition date, and body size correlations. *Journal of Comparative Physiology B*, 192: 313–324. doi: 10.1007/s00360-021-01422-5 Link to article

30. Perrault JR, Lasala JA, Manire CA, Coppenrath CM, **Page-Karjian A**, Blew A, Stacy NI. 2022. Non-pigmented versus pigmented: health variables and genetics of albino green turtle (*Chelonia mydas*) hatchlings compared to normally pigmented hatchlings from the same clutch. *Journal of Wildlife Diseases,* 58(1): 15–29. doi: 10.7589/JWD-D-21-00031 Link to article

29. **Page-Karjian A**, Stacy BA, Whitmore L, Perrault JR, Walker JS, Shaver D, Rantonen E, Harms CA, Norton TM, Innis C, Duffy D. 2021. Fibropapillomatosis and chelonid alphaherpesvirus 5 in Kemp's ridley sea turtles (*Lepidochelys kempii*). *Animals*, 11: 3076. **Cover Article** doi: 10.3390/ani11113076 Link to article

28. Ataman A, Gainsbury AM, Manire CA, Hoffman SL, **Page-Karjian A**, Hirsch SE, Polyak MMR, Cassill DL, Aoki DM, Fraser KM, Klingshirn S, Stoll JA, Perrault JR. 2021. Evaluating prevalence of external injuries on nesting loggerhead sea turtles (*Caretta caretta*) in southeastern Florida USA. *Endangered Species Research,* 46: 137–146. doi: 10.3354/esr01149 Link to article

27. Whitmore L, Yetsko K, Farrell JA, **Page-Karjian A**, Daniel W, Shaver DJ, Frandsen HR, Walker JS, Crowder W, Bovery C, Ramia DR, Burkhalter B, Ryan E, Duffy DJ. 2021. Evolutionary comparisons of chelonid alphaherpesvirus 5 (ChHV5) genomes from fibropapillomatosis-afflicted green (*Chelonia*

mydas), olive ridley (*Lepidochelys olivacea*) and Kemp's ridley (*Lepidochelys kempii*) sea turtles. *Animals*, 11: 2489. doi: 10.3390/ani11092489 Link to article

26. James A, **Page-Karjian A**, Charles K, Edwards J, Gregory CR, Cheetham S, Butler BP, Marancik DP. 2021. Chelonid alphaherpesvirus 5 prevalence and first confirmed case of sea turtle fibropapillomatosis in Grenada, West Indies. *Animals*, 11(6): 1490. doi: 10.3390/ani11061490 Link to article

25. Molter CM, Norton TM, Nelson S, Hoopes L, Kaylor M, Hupp A, Thomas R, Kemler E, Arendt AD, Koutsos EA, **Page-Karjian A**. 2021. Health and nutrition of loggerhead sea turtles (*Caretta caretta*) in the southeastern United States. *Journal of Animal Physiology and Animal Nutrition,* 00: 1–15*.* doi: 10.1111/jpn.13575 Link to article

24. **Page-Karjian A**, Rafferty K, Xavier C, Stacy NI, Moore J, Hirsch SE, Clark S, Manire CA, Perrault JR. 2021. Comprehensive health assessment and blood analyte reference intervals of gopher tortoises (*Gopherus polyphemus*) in southeastern Florida, USA. *Conservation Physiology,* 9(1): conphys/coab015*.* doi: 10.1093/conphys/coab015 Link to article

23. Perrault JR, Levin M, Mott CR, Bovery CM, Bresette MJ, Chabot RM, Gregory CR, Guertin JR, Hirsch SE, Ritchie BW, Weege ST, Welsh RC, Witherington BE, **Page-Karjian A**. 2021. Insights on immune function in free-ranging green sea turtles (*Chelonia mydas*) with and without fibropapillomatosis. *Animals*, 11(3): 861. doi: 10.3390/ani11030861 Link to article

22. **Page-Karjian A**, Norton TM, Louis EE, Junge RE. 2021. Biomedical evaluation of the golden-crowned sifaka (*Propithecus tattersalli*) in Daraina, Madagascar. *Journal of Zoo and Wildlife Medicine*, 52(2): 726–731*.* doi: 10.1638/2020-0087 Link to article

21. **Page-Karjian A**, Serrano ME, Cartzendafner J, Morgan A, Ritchie BW, Gregory CR, Perrault JR, Christiansen EF, Harms CA. 2020. Molecular assessment of chelonid alphaherpesvirus 5 infection in tumor-free green (*Chelonia mydas*) and loggerhead (*Caretta caretta*) sea turtles in North Carolina, USA, 2015–2019. *Animals,* 10(11): 1964. doi: 10.3390/ani10111964 Link to article

20. Seguel M, George RC, Maboni G, Sanchez S, **Page-Karjian A**, Wirth E, McFee W, Gottdenker NL. 2020. Pathologic findings and causes of death in bottlenose dolphins *Tursiops truncatus* stranded along the Georgia coast, USA (2007–2013). *Diseases of Aquatic Organisms*, 141: 25–38. doi: 10.3354/dao03509 Link to article

19. **Page-Karjian A**, Lo CF, Ritchie B, Harms CA, Rotstein DS, Han S, Hassan SM, Lehner SM, Buchweitz JP, Thayer VG, Sullivan JM, Christiansen EF, Perrault JR. 2020. Anthropogenic contaminants and pathologic trends in stranded cetaceans in the southeastern United States, 2012–2018. *Frontiers in Marine Science*, 7: 630*.* doi: 10.3389/fmars.2020.00630 Link to article

18. Marks W, Burton S, Stratton E, Zolman E, Biedenbach G, **Page-Karjian A**. 2020. A case study of monofilament line entanglement in a bottlenose dolphin (*Tursiops truncatus*): entanglement, disentanglement, and death. *BMC Veterinary Research,* 16: 223. doi:10.1186/s12917-020-02436-x Link to article

17. **Page-Karjian A**, Chabot R, Stacy NI, Schenk A, Valverde RA, Stewart S, Coppenrath C, Manire CA, Herbst LH, Gregory CR, Ritchie BW, Perrault JR. 2020. Comprehensive health assessment of adult female green turtles (*Chelonia mydas*) nesting in southeastern Florida. *Endangered Species Research* 42: 21–35. doi: 10.3354/esr01036 Link to article

16. Perrault JR, Perkins CR, Ajemian MJ, Mott CR, Bresette MJ, **Page-Karjian A**. 2020. Harmful algal and cyanobacterial toxins in foraging green sea turtles (*Chelonia mydas*) in Florida's Big Bend. *Toxicon: X* 5: 100020. doi: 10.1016/j.toxcx.2019.100020 Link to article

15. **Page-Karjian A**, Perrault JR, Zirklebach B, Pescatore J, Riley R, Stadler M, Zachariah TT, Norton TM. 2019. Tumor re-growth, case outcome, and tumor scoring systems in rehabilitated green turtles with fibropapillomatosis. *Diseases of Aquatic Organisms* 137(2): 101–108. doi: 10.3354/dao03426 Link to article

14. Moncada F, Coppenrath CM, Hirsch S, Nodarse G, **Page-Karjian A**, Reeves AM, Perrault JR. 2019. Nesting green turtle tagged in Cuba, recaptured in Florida. *Marine Turtle Newsletter* 156: 1–2. Link to article

13. Perrault JR, Lehner AF, Buchweitz JP, **Page-Karjian A**. 2019. Evidence of accumulation and elimination of inorganic contaminants from the lachrymal glands of leatherback sea turtles (*Dermochelys coriacea*). *Chemosphere* 217: 59–67. doi: 10.1016/j.chemosphere.2018.10.206 Link to article

12. **Page-Karjian A**, Hahn M, Leach K, Murphy H, Lock B, Rivera S. 2017. Neoplasia in snakes at Zoo Atlanta during 1992–2012. *Journal of Zoo and Wildlife Medicine* 48(2): 521–524. doi: 10.1638/2016-0101R1.1 Link to article

11. **Page-Karjian A**, Norton TM, Ritchie B, Whitfield J, Gottdenker NL. 2017. Potential non-cutaneous sites of chelonid herpesvirus 5 persistence and shedding in green sea turtles (*Chelonia mydas*). *Journal of Aquatic Animal Health*, 29(3): 136–142. doi: 10.1080/08997659.2017.1321590 Link to article

10. Perrault JR, **Page-Karjian A**, Miller DL. 2016. Packed cell volume is a cost-effective means for detecting fasting during reproduction in endangered marine turtles. *Marine Biology*, 163: 232. Link to article

9. **Page-Karjian A**, Norton TM, Ritchie B, Brown CC, Mancia C, Jackwood M, Gottdenker NL. 2015. Quantifying chelonid herpesvirus 5 in symptomatic and asymptomatic rehabilitating green turtles (*Chelonia mydas*). *Endangered Species Research*, 28: 135–146. doi: 10.3354/esr00687 Link to article

8. **Page-Karjian A,** Norton TM, Harms CA, Mader DR, Herbst LH, Gottdenker NL. 2015. Case descriptions of fibropapillomatosis in rehabilitating loggerhead sea turtles (*Caretta caretta*) in the Southeastern United States. *Diseases of Aquatic Organisms*, 115(3): 185–191. doi: 10.3354/dao02878 Link to article

7. **Page-Karjian A,** Rivera S, Torres F, Diez CE, Moore D, Van Dam R, Brown CC. 2015. Baseline blood values in free-ranging green sea turtles (*Chelonia mydas*) in Puerto Rico. *Comparative Clinical Pathology*, 24: 567–573. Link to article

6. **Page-Karjian A,** Norton TM, Krimer PM, Groner M, Nelson SE, Gottdenker NL. 2014. Factors affecting survivorship in rehabilitating sea turtles with fibropapillomatosis. *Journal of Zoo and Wildlife Medicine*, 45(3): 507–519. doi: 10.1638/2013-0132R1.1 Link to article

5. Perrault JR, Wyneken J, **Page-Karjian A**, Merrill A, Miller DL. 2014. Seasonal trends in nesting leatherback turtle (*Dermochelys coriacea*) serum proteins further verify capital breeding hypothesis. *Conservation Physiology* 2(1): cot035. doi: 10.1093/conphys/cou002 Link to article

4. Garcia-Vedrenne AE, Groner M, **Page-Karjian A**, Siegmund G-F, Singhal S, Roberts S. 2013. Development of genomic resources for a thraustochytrid pathogen and investigation of temperature influences on gene expression. *PLoS ONE* 8(9): e74196. doi: 10.1371/journal.pone.0074196 Link to article

3. **Page-Karjian A**, Torres F, Zhang J, Rivera S, Diez C, Moore PA, Moore D, Brown C. 2012. Presence of CFPHV in tumored and non-tumored green turtles, as detected by PCR, in endemic and non-endemic aggregations, Puerto Rico. *SpringerPlus,* 1:35–50. doi: 10.1186/2193-1801-1-35 Link to article

2. **Page-Karjian A,** Knowles S, Camus A, Howerth E. 2012. Pulmonary mycobacteriosis in an emerald tree boa. *Journal of American Veterinary Medical Association,* 241(9): 1159–1161. doi: 10.2460/javma.241.9.1159 Link to article

1. **Page A.** 2010. Bacterial Granulomatous Encephalitis in a Short-Beaked Common Dolphin (*Delphinus delphis*). *Pacific Marine Mammal Center, Case Reports in Marine Mammal Pathology*, 1(2): 1–5. Link to article

BOOK CHAPTERS

Page-Karjian A, Perrault JR. 2021. Sea Turtle Health Assessments: Maximizing Turtle Encounters to Better Understand Health. In: Nahill B (ed) Sea Turtle Research and Conservation: Lessons from Working in the Field. Elsevier, Academic Press, St. Louis, Missouri. pp. 31–44.

Page-Karjian A. 2018. Fibropapillomatosis in marine turtles. In: Miller E, Calle P, Lamberski N (eds) Fowler's Zoo and Wildlife Medicine, 9th Edition. Elsevier, Inc., St. Louis, Missouri. Chapter 57.

Page-Karjian A, Herbst LH. 2017. Viruses. In: Manire CA, Norton TM, Stacy BA, Innis CJ, Harms CA (eds) Sea Turtle Health and Rehabilitation. J. Ross Publishing, Plantation, Florida. Chapter 30, pp. 730–785.

OTHER CONTRIBUTIONS

Page-Karjian A. 2022. American Association of Zoo Veterinarians, Infectious Disease Manual. Fact Sheets on: Cyprinid herpesvirus 3. pp. 370–373.

PHD DISSERTATION

Page-Karjian CA. 2015. Investigation of the natural history of chelonid fibropapilloma-associated herpesvirus infection in green sea turtles (*Chelonia mydas*). Ph.D. Dissertation, University of Georgia, College of Veterinary Medicine, Department of Pathology.

ORAL PRESENTATATIONS

1. **Page-Karjian A** (2022) Fibropapillomatosis in Kemp's ridley sea turtles. Florida Keys Sea Turtle Health Workshop, Marathon, FL, USA.
2. **Page-Karjian A** (2022) Respiratory pathology in stranded cetaceans of the southeastern Florida coast. 24th Biennial Conference on the Biology of Marine Mammals (Society of Marine Mammalogy), West Palm Beach, FL, USA.

3. **Page-Karjian A** (2021) Fibropapillomatosis in Kemp's ridley sea turtles. 69th Annual Conference of the Wildlife Disease Association, Virtual platform.
4. **Page-Karjian A** (2021) Respiratory pathology in stranded cetaceans of the southeastern Florida coast. 52nd Annual Conference of the International Association for Aquatic Animal Medicine. Virtual platform.
5. **Page-Karjian A** (2021) *Invited guest speaker.* Sea turtle fibropapillomatosis. Royal Veterinary College SubAqua Club. Virtual platform.
6. **Page-Karjian A** (2021) *Invited guest speaker.* Marine wildlife medicine and research. Rotary Passport Club of Stuart, FL, USA. Virtual platform.
7. **Page-Karjian A** (2021) *Invited guest speaker.* Marine wildlife medicine and research. World Aquatic Veterinary Medical Association. Virtual platform.
8. **Page-Karjian A** (2021) *Invited guest speaker.* Marine megafauna health assessments: insights into marine ecosystem health. Florida Oceanographic Society Coastal Lecture Series. Virtual platform.
9. **Page-Karjian A**, Perkins CA, Ajemian MJ, Bresette MJ, Mott CR, Holloway-Adkins K, Levin M, Perrault JR (2020) Harmful algal bloom-associated biotoxins and health in juvenile green turtles (*Chelonia mydas*) in three ecologically disparate foraging grounds in Florida. Indian River Lagoon Symposium, Fort Pierce, FL, USA.
10. **Page-Karjian A**, Lehner A, Buchweitz J, Perrault JR (2019) Evidence of accumulation and elimination of inorganic contaminants from the lachrymal salt glands of leatherback sea turtles (*Dermochelys coriacea*). 68th Annual International Conference of the Wildlife Disease Association, Tahoe City, CA, USA.
11. **Page-Karjian A** (2019) *Invited guest speaker.* Sea turtle health and disease. EcoTalks at the Environmental Learning Center, Vero Beach, FL, USA.
12. **Page-Karjian A**, Marquardt S (2019) *Invited guest speaker.* Fibropapillomatosis in rehabilitating sea turtles. 39th Annual Symposium Sea Turtle Biology and Conservation: Sea Turtle Rehabilitation and Health Workshop, Charleston, SC, USA.
13. **Page-Karjian A**, Schenk A, Coppenrath CM, Chabot R, Valverde R, Manire CA, Herbst LH, Perrault JR (2019) Comprehensive health assessment of nesting female and hatchling green turtles (*Chelonia mydas*) in southeastern Florida. 39th Annual Symposium on Sea Turtle Biology and Conservation, Charleston, SC, USA.
14. **Page-Karjian A** (2018) Seagrass roots: capacity-building for sea turtle rehabilitation in Parque Nacional Machalilla, Ecuador. Florida Keys Sea Turtle Medicine and Rehabilitation Workshop, Marathon Turtle Hospital, FL, USA.
15. **Page-Karjian A** (2018) *Invited guest speaker.* Ecology and pathophysiology of disease in marine wildlife. Florida Atlantic University, C.E. Schmidt College of Science, Integrative Biology 1 Seminar, Boca Raton, FL, USA.
16. **Page-Karjian A** (2018) *Invited guest speaker.* Ecology and pathophysiology of disease in marine wildlife. University of Central Florida, Biology Seminar, Orlando, FL, USA.

17. **Page-Karjian A** (2018) *Invited guest speaker.* Advances in aquatic animal medicine. Florida Atlantic University, C.E. Schmidt College of Science, Marine Science Series seminar, Boca Raton, FL, USA.
18. **Page-Karjian A**, Cartzendafner J, Stacy BA (2018) Further investigation into the pathophysiology of chelonid herpesvirus 5 and its potential relationship to renal fibrosis in juvenile green turtles (*Chelonia mydas*). 67th Annual Conference of the Wildlife Disease Association, St. Augustine, FL.
19. **Page-Karjian A** (2018) *Invited guest speaker.* Sea turtle health and disease. Marine Science Seminar, Escuela Superior Politecnica del Litoral, Guayaquil, Ecuador.
20. **Page-Karjian A** (2018) Investigating tumor regrowth, case outcome, and tumor scoring system in rehabilitating sea turtles with fibropapillomatosis. 49th Annual Conference of the International Association for Aquatic Animal Medicine, Long Beach, CA, USA.
21. **Page-Karjian A** (2018) Investigating marine wildlife health in a changing environment. Harbor Branch Oceanographic Institute's Science Seminar, Fort Pierce, FL, USA.
22. **Page-Karjian A** (2018) *Invited guest speaker & workshop organizer.* Careers with Sea Turtles: Living Your Passion – Workshop. Southeast Regional Sea Turtle Meeting, Myrtle Beach, SC, USA.
23. **Page-Karjian A**, Klingshirn S, Cartzendafner J, Herbst LH (2018) Relating chelonid herpesvirus 5 DNA quantification to fibropapilloma tumor morphology and host species. Southeast Regional Sea Turtle Meeting, Myrtle Beach, SC, USA.
24. **Page-Karjian A** (2018) *Invited guest speaker.* Living Your Passion: Careers in Aquatic Animal Medicine. Pre-Vet Club Meeting, Nova Southeastern University, Ft. Lauderdale, FL, USA.
25. **Page-Karjian A** (2017) *Invited guest speaker.* Marine wildlife rehabilitation: principles, benefits, and goals. Florida Atlantic University, Harbor Branch Oceanographic Institute, Ocean Science Lecture Series, Fort Pierce, FL, USA.
26. **Page-Karjian A** (2017) *Invited guest speaker.* Wildlife disease in marine mammals and turtles. Florida Atlantic University, Lifelong Learning Series seminar, Jupiter, FL, USA.
27. **Page-Karjian A** (2017) *Invited guest speaker.* Investigating disease pathology and ecology of marine wildlife. Florida Atlantic University, C.E. Schmidt College of Science, Marine Science Series seminar, Boca Raton, FL, USA.
28. **Page-Karjian A** (2016) *Invited guest speaker.* Sea turtle health and disease. Florida Atlantic University, C.E. Schmidt College of Science, "Sea Turtle Research" course, Fort Pierce, FL, USA.
29. **Page-Karjian A** (2016) *Invited guest speaker.* Wildlife disease in marine mammals and turtles. Spring Community Lecture Series, Smithsonian Conservation Biology Institute, Front Royal, VA.
30. **Page-Karjian A** (2016) *Invited guest speaker.* Investigating disease ecology and pathology of marine wildlife. Smithsonian-Mason Semester of Conservation Studies, Smithsonian-Mason School of Conservation, Front Royal, VA, USA.
31. **Page-Karjian A**, Norton TM, Ritchie B, Whitfield J, Herbst LH, Gottdenker NL (2015) Potential non-tumor sites of chelonid fibropapilloma-associated herpesvirus persistence and shedding in green sea turtles (*Chelonia mydas*). Florida Keys Sea Turtle Medicine and Rehabilitation Workshop, Marathon Turtle Hospital, FL, USA.

32. **Page-Karjian A**, Norton TM, Ritchie B, Manire CA, Harms CA, Gottdenker NL (2015) An overview of FP and CFPHV in rehabilitating sea turtles. Southeastern Regional Sea Turtle Meeting, Jekyll Island, GA, USA.
33. **Page-Karjian A** (2014) Investigating chelonid fibropapilloma-associated herpesvirus in symptomatic and asymptomatic infected green sea turtles (*Chelonia mydas*). 46th Annual Conference of the American Association of Zoo Veterinarians, Orlando, FL, USA.
34. **Page-Karjian A** (2014) *Invited guest speaker.* Chelonid fibropapilloma-associated herpesvirus in symptomatic and asymptomatic infected green sea turtles (*Chelonia mydas*). 34th Annual Association of Zoo Veterinary Technicians Conference, Jekyll Island, GA, USA.
35. **Page-Karjian A** (2014) *Invited guest speaker.* Dolphin morbillivirus. University of Georgia, Odum School of Ecology undergraduate course, "The Biology and Conservation of Marine Mammals", Athens, GA, USA.
36. **Page-Karjian A** (2014) Investigating chelonid fibropapilloma-associated herpesvirus in symptomatic and asymptomatic infected green sea turtles. 34th Annual Symposium Sea Turtle Biology and Conservation, New Orleans, LA, USA.
37. **Page-Karjian A** (2014) *Invited guest speaker.* Fibropapillomatosis in rehabilitating turtles. 34th Annual Symposium Sea Turtle Biology and Conservation: Sea Turtle Rehabilitation and Health Workshop, New Orleans, LA, USA.
38. **Page-Karjian A** (2013) Investigating chelonid fibropapilloma-associated herpesvirus in symptomatic and asymptomatic infected green sea turtles. Florida Keys Sea Turtle Medicine and Rehabilitation Workshop, Marathon Turtle Hospital, FL, USA.
39. **Page-Karjian A** (2013) Investigating chelonid fibropapilloma-associated herpesvirus in symptomatic and asymptomatic infected green sea turtles. University of Georgia, College of Veterinary Medicine, Science of Veterinary Medicine Symposium, Athens, GA, USA.
40. **Page-Karjian A,** Norton TM, Krimer P, Groner M, Nelson SE, Gottdenker NL (2013) Factors affecting survivorship in rehabilitating sea turtles with fibropapillomatosis. Sea Turtle Health & Rehabilitation Workshop, Townsville, Australia
41. **Page-Karjian A** (2013) A retrospective clinicopathologic study of fibropapillomatosis in rehabilitating sea turtles. International Association for Aquatic Animal Medicine, Sausalito, CA.
42. **Page-Karjian A** (2013) Investigating leatherback sea turtle nesting success. Morris Animal Foundation Lunch 'n Learn, University of Georgia, College of Veterinary Medicine, Athens, GA.
43. **Page-Karjian A,** Norton TM, Groner M, Gottdenker NL (2013) Factors affecting survivorship in rehabilitating sea turtles with fibropapillomatosis. 33rd Annual Symposium Sea Turtle Biology and Conservation, Baltimore, MD, USA.
44. **Page-Karjian A,** Norton TM, Gottdenker NL (2012) Fibropapillomatosis in rehabilitating sea turtles. Florida Keys Sea Turtle Medicine & Rehabilitation Workshop, Marathon Turtle Hospital, FL.
45. **Page-Karjian A**, Gottdenker N, George C (2012) Pulmonary nematodiasis in a juvenile bottlenose dolphin (*Tursiops truncatus*). Southeastern Veterinary Pathology Conference, Tifton, GA, USA.
46. **Page A,** Camus A, Knowles S, Hyatt M, Berliner A, Clauss T (2011) Exophthalmia in an aquarium fish. Southeastern Veterinary Pathology Conference, Tifton, GA, USA.

47. **Page A**, Howerth E, Hernandez S (2010) Cardiovascular spirorchidiasis in a green sea turtle (*Chelonia mydas*). Southeastern Veterinary Pathology Conference, Tifton, GA, USA.
48. **Page A** (2006) Woods Hole Science Aquarium Summer Student Program Symposium, Careers in Marine Science Seminar, Northeast Fisheries Science Center, Woods Hole, MA, USA.

POSTER PRESENTATIONS

1. Aoki D, **Page-Karjian A**, Perrault JR, Guertin JR, Benson S, DiMatteo A, Quesada-Rodriguez C, Hoover A, Shillinger GL (2022) Acoustic telemetry enables analysis of post-nesting movement patterns of northwest Atlantic leatherback sea turtles (*Dermochelys coriacea*). Ocean Tracking Network Annual Meeting, Nova Scotia, Canada.
2. Hay C, Marks W, Burton S, **Page-Karjian A** (2022) Essential and non-essential element bioaccumulation, distribution, and elimination in stranded odontocete whales in Florida. National Society of Toxicology Annual Meeting, San Diego, CA, USA.
3. Davis B, Pegg N, Moreland L, Hahn M, Cox S, Marks W, Burton S, **Page-Karjian A** (2022) Getting to know the IRL dolphins: establishing a photo-identification program in the southern Indian River Lagoon. 2022 Indian River Lagoon Symposium, Fort Pierce, FL, USA.
4. **Page-Karjian A**, Perkins CR, Ajemian MJ, Bresette MJ, Mott CR, Holloway-Adkins K, Perrault JR (2020) Harmful algal bloom-associated biotoxins and health in green sea turtles (*Chelonia mydas*) in Florida. The 2020 National Coastal & Estuarine Virtual Summit.
5. **Page-Karjian A**, Schenk A, Perrault JR, Schaefer A, Hassan S, Rotstein D, Thayer V, Han S, Christiansen E, Marks W, Harms CA (2019) Analyzing anthropogenic contaminant concentrations and pathologic trends in stranded cetaceans. 68th Annual International Conference of the Wildlife Disease Association, Tahoe City, CA, USA.
6. **Page-Karjian A**, Schaefer AM, Marks W, Sleeman A, Burton S, Mazzoil M, Han S (2019) Severe pneumonia and lymphoid depletion in a stranded bottlenose dolphin (*Tursiops truncatus*) from the Indian River Lagoon. Indian River Lagoon Symposium, Harbor Branch Oceanographic Institute, Fort Pierce, FL, USA.
7. **Page-Karjian A**, Perrault JR (2018) Veterinarians & biologists: making the dream work through teamwork. 67th Annual Conference of the Wildlife Disease Association, St. Augustine, FL, USA.
8. **Page-Karjian A**, Perrault JR (2018) Veterinarians & biologists: making the dream work through teamwork. Florida Atlantic University's Research Showcase, Boca Raton, FL, USA.
9. Lo C, Perrault JR, Harms CA, Ritchie B, Hassan S, Rotstein D, Thayer V, Sullivan JM, Christiansen E, **Page-Karjian A** (2018) Anthropogenic contaminants in stranded cetaceans in the Southeastern United States, 2012-2017. 67th Annual Conference of the Wildlife Disease Association, St. Augustine, FL, USA.
10. Dodillet G, Perrault JR, Manire CA, Norton TN, Valverde R, **Page-Karjian A** (2018) Dynamics of stress and immune competence during rehabilitation of debilitated sea turtles. 67th Annual Conference of the Wildlife Disease Association, St. Augustine, FL, USA.
11. **Page-Karjian A**, Perrault JR, Cartzendafner J, Schenk A, Coppenrath CM, Manire CA, Herbst LH. Nesting green sea turtles (*Chelonia mydas*) exhibit evidence of subclinical chelonid herpesvirus 5

infection (2018) 49th Annual Conference of the International Association for Aquatic Animal Medicine, Long Beach, CA, USA.

12. Lo C, Perrault JR, Harms CA, Ritchie B, Hassan S, Rotstein D, Thayer V, Sullivan JM, **Page-Karjian A** (2018) Anthropogenic contaminants in stranded cetaceans in the Southeastern United States, 2012-2017. 49th Annual Conference of the International Association for Aquatic Animal Medicine, Long Beach, CA, USA.
13. Lo C, Perrault JR, Harms CA, Ritchie B, Hassan S, Rotstein D, Thayer V, Sullivan JM, **Page-Karjian A** (2018) Anthropogenic contaminants in stranded cetaceans in the Southeastern United States, 2012-2017. 6th Annual Florida Marine Mammal Health Conference, Orlando, FL, USA.
14. Marks W, Schaefer AM, **Page-Karjian A**, Lyman R, Burton SP (2018) Juvenile *Tursiops truncatus* case study: monofilament entanglement damage and recovery. 6th Annual Florida Marine Mammal Health Conference, Orlando, FL, USA.
15. Halstead W, **Page-Karjian A**, Shenker J, Robinson C, Ajemian MJ, Baptiste R, Wills P (2017) Observations on bonefish collection, acclimation to a new environment, and ultrasonography. Annual Meeting of the American Fisheries Society, Tampa, FL, USA.
16. **Page-Karjian A,** Norton TM, Stedman N, Gottdenker NL (2015) Severe, disseminated fibropapillomatosis in a rehabilitating loggerhead sea turtle. Jekyll Island Green Screen, Jekyll Island, GA, USA.
17. **Page-Karjian A,** Norton TM, Stedman N, Gottdenker NL (2014) Severe disseminated fibropapillomatosis in a rehabilitating loggerhead sea turtle. Association Reptile & Amphibian Veterinarians 21st Ann Conf, Orlando, FL, USA. **3rd Place in Student Poster Competition**
18. **Page-Karjian A,** Norton TM, Zhang J, Brown CC, Gottdenker NL (2014) Investigating chelonid fibropapilloma-associated herpesvirus in symptomatic and asymptomatic infected green sea turtles. Jekyll Island Green Screen, Jekyll Island, GA, USA.
19. **Page-Karjian A,** Norton TM, Zhang J, Brown CC, Gottdenker NL (2013) Investigating chelonid fibropapilloma-associated herpesvirus in symptomatic and asymptomatic infected green sea turtles. 62nd International Conference of the Wildlife Disease Association, Nashville, TN, USA. **Best student poster award**
20. **Page-Karjian A,** Norton TM, Groner M, Gottdenker NL (2013) Factors affecting survivorship in rehabilitating sea turtles with fibropapillomatosis. University of Georgia, Wildlife Disease Association, Student Research Symposium, Athens, GA, USA.
21. **Page-Karjian A,** Torres F, Zhang J, Rivera S, Diez C, Moore PA, Moore D, Brown C (2012) Comparison of PCR gene targets for detection of chelonid fibropapilloma-associated herpesvirus in tumored and non-tumored green turtles in Puerto Rico. Annual Meeting, Southeastern Branch of American Society for Microbiology, Athens, GA, USA.
22. **Page A**, Perrault J, Garner J, and Miller DL (2010) Investigating leatherback sea turtle nesting success. Veterinary Student Scholars Wildlife Poster Session, Morris Animal Foundation Wildlife Scientific Advisory Board Meeting, San Francisco, CA, USA.
23. **Page A**, Perrault J, Garner J, Miller, DL (2009) Lesion analysis in leatherback sea turtles at Sandy Point National Wildlife Refuge, St. Croix, USVI. Veterinary Student Poster Session, American College of Veterinary Pathology Annual Conference, Monterey, CA, USA.

24. **Page A**, Perrault J, Garner J, Miller DL (2009) Lesion analysis in leatherback sea turtles at Sandy Point National Wildlife Refuge, St. Croix, USVI. Science of Veterinary Medicine Research Day, University of Georgia College of Veterinary Medicine, Athens, GA, USA.
25. **Page A** (2008) Expression of the CB1 receptor on rat nodose ganglion cells. Merck-Merial NIH, National Veterinary Scholars Symposium, Michigan State University, Lansing, MI, USA.

PROFESSIONAL SERVICE

- Member, FAU Department of Biology Faculty Search Committee, 2022 – 2023
- Guest editor for Special Topics of the scientific journal *Frontiers in Toxicology*, special topic *Harmful Algal Bloom-Associated Biotoxins in Aquatic Wildlife*, 2022 – 2023
- Member, FAU Department of Biology Faculty Search Committee, 2021 – 2022
- Member-at-Large, Wildlife Disease Association Council, 2019 – 2022
- Guest Editor for Special Topics of the scientific journal *Animals*; special topic: *Oncogenic Viruses in Animals*, 20192022
- Member, Loggerhead Marinelife Center's Conservation Committee, 2019 – 2020
- Member, FAU Comparative Medicine Faculty Search Committee, 2019
- Secretary, FAU-HBOI Space Committee, 2017 – Present
- Chair, FAU-HBOI Research Committee, 2020 – 2022
- Veterinary Member, FAU Institutional Animal Care & Use Committee, 2016–2022
- Abstract reviewer & session co-chair, IAAAM 2021 Virtual Conference
- Peer reviewer for the following scientific journals:

1. *American Journal of Veterinary Research*
2. *Animals*
3. *Archives of Veterinary Science*
4. *Bulletin of Marine Science*
5. *Chelonian Conservation and Biology*
6. *Communications Biology*
7. *Comparative Clinical Pathology*
8. *Diseases of Aquatic Organisms*
9. *EcoHealth*
10. *Endangered Species Research*
11. *Frontiers in Immunology*
12. *Frontiers in Marine Science*
13. *Frontiers in Veterinary Science*
14. *Herpetological Conservation & Biology*
15. *Herpetological Review*
16. *Journal of Aquatic Animal Health*
17. *Journal of Comparative Pathology*
18. *Journal Marine Biological Association U.K.*
19. *Journal of Parasitology*
20. *Journal of Veterinary Diagnostic Investigation*
21. *Journal of Veterinary Medical Science*
22. *Journal of Virological Methods*
23. *Journal of Virology*
24. *Journal of Wildlife Diseases*
25. *Journal of Zoo and Wildlife Medicine*
26. *Metabolomics*
27. *Marine Pollution Bulletin*
28. *PeerJ*
29. *PLoS ONE*
30. *Science of the Total Environment*
31. *Scientific Reports*
32. *South American Journal of Herpetology*
33. *The Veterinary Journal*
34. *Veterinary Microbiology*
35. *Viruses*

- Peer reviewer, Florida Fish and Wildlife Conservation Commission, Marine Turtle Research Permits, 2017 – Present
- Reviewer, NOAA-NMFS John H. Prescott Marine Mammal Rescue Assistance Grant Program, 2017, 2018, 2021

- American Association of Zoo Veterinarians–Wildlife Disease Association Mentor Program, 2017 – 2020
- Judge, annual Georgia High School Science and Engineering Fair, 2011 – 2015

STUDENTS MENTORED

1. Dr. Shefali Lemaire (2022–present) PhD student, Page-Karjian Lab, FAU Harbor Branch
Project: Fibropapillomatosis in green sea turtles

2. Alice Frye (2022–present) PhD student, Page-Karjian Lab, FAU Harbor Branch
Project: Parasites in stranded odontocetes

3. Jonelle Tiona (2020–2022) MS student (non-thesis), FAU Biology Department

4. Hannah Mnayarji (2022) Undergraduate student, FAU Honors College
Completed two consecutive work-study internships with our marine mammal team, participating in field work and assisting with data analysis

5. Clara Hay (2021) Summer intern, FAU Harbor Branch/Undergraduate student, United States Coast Guard Academy.
Project: Essential and non-essential analyte bioaccumulation, distribution, and elimination in stranded odontocetes

6. Jasmine Gross (2021) Veterinary extern, Virginia-Maryland College of Veterinary Medicine
Project: Metabarcoding of whale stomach contents to identify prey and parasite species

7. Lydia Moreland (2020–present) MS student (non-thesis), Page-Karjian Lab, FAU Harbor Branch

8. Hunter Brown (2020–present) MS candidate, Page-Karjian Lab, FAU Harbor Branch
Project: Harmful algal bloom-associated biotoxins in juvenile green sea turtles of southeastern Florida

9. Derek Aoki (2020–present) PhD student, Page-Karjian Lab, FAU Harbor Branch
Project: Leatherback sea turtle health and movement ecology in the Northwestern Atlantic

10. Elena Rantonen (2019) Veterinary extern, University of Helsinki Faculty of Veterinary Medicine
Project: Renal fibrosis in juvenile green sea turtles in Florida

11. Clerson Xavier (2019) Summer intern, FAU Harbor Branch/Undergraduate student, Centenary Univ
Project: Dynamics of immunity during rehabilitation in chronically debilitated loggerhead sea turtles

12. Kathleen Rafferty (2019) Summer intern, FAU Harbor Branch/Vet student, Univ. of Illinois CVM
Project: Health assessment of gopher tortoises (*Gopherus polyphemus*) in South Florida

13. Karina Jones (2019) PhD candidate, James Cook University, Centre for Tropical & Freshwater
Project: Environmental influences on the epidemiology of fibropapillomatosis in green sea turtles (*Chelonia mydas*) and consequences for management of inshore areas of the Great Barrier Reef

14. Aleah Ataman (2018–2020) MS student, University of South Florida St. Petersburg
Project: Prevalence and survivorship of sea turtles involved in vessel strikes in Florida

15. Dr. Ashley Morgan (2018–present) PhD candidate, Page-Karjian Lab, FAU Harbor Branch
Project: Evaluating anthropogenic contaminants in Florida pompano

16. Marisa Pico (2018, 2019–2021), Summer intern & MS student, Page-Karjian Lab, FAU Harbor Branch
Project: Validating ultrasonography to estimate body condition in loggerhead and green sea turtles

17. Erin LaFon (2017–2019) Undergraduate student, FAU Honor's College
Project: Developing reference intervals for hatchling green sea turtles (*Chelonia mydas*)

18. Amanda James (2017–2021) MS-DVM student, St. George's University School of Veterinary Medicine
Project: Health assessment of Grenadian sea turtles using molecular diagnostics

19. Victoria Garefino (2017–2019) MS student, FAU Dept. of Biological Sciences
Project: Examining the impacts of vitamin D on preventing fibropapilloma regrowths in sea turtles

20. Grace Dodillet (2017–2018) MS student, FAU Harbor Branch (Marine Science & Oceanography)
Project: Evaluating immune function and stress responses in rehabilitating sea turtles

21. Catherine Lo (2017–2019) MS student, FAU Harbor Branch (Marine Science & Oceanography)
Project: Relating anthropogenic contaminant loads to pathology data in stranded cetaceans

22. Lauren Goldsworthy (2017–2018) MS student, FAU Dept. of Environmental Science
Project: Regionalization of scar patterns on the Florida manatee (*Trichechus manatus latirostris*) observed at Harbor Branch Oceanographic Institute, Florida

23. Skyler Klingshirn (2017, 2019–2021), Summer intern & MS student, Page-Karjian Lab, FAU Harbor Branch
Project: Injuries in nesting leatherback sea turtles in Palm Beach County, Florida

PROFESSIONAL MEMBERSHIPS

- American Association of Fish Veterinarians, Member, 2022 – Present
- World Aquatic Veterinary Medical Association, Member, 2021 – Present
- American Association of Zoo Veterinarians, Member, 2013 – Present
- Wildlife Disease Association, Member, 2013 – Present
- International Sea Turtle Society, Member, 2014 – Present
- American Association of Wildlife Veterinarians, Member, 2012 – Present
- American Fisheries Society, Member, 2017 – 2019
- Association of Reptilian and Amphibian Veterinarians, Member, 2012 – 2015
- Society for Conservation Biology, Member, 2012 – 2016
- International Association for Aquatic Animal Medicine, Member, 2012 – Present
- American Veterinary Medical Association, Member, 2011 – Present