

James F. X. Wellehan Jr., D.V.M., M.S., Ph.D., D.A.C.Z.M., D.A.C.V.M., D.E.C.Z.M.

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EDUCATION

B.A. in Biochemistry, Physics minor. Bowdoin College, Brunswick, ME. 1992.

D.V.M. University of Minnesota, St. Paul, MN. 2001. GPA 3.98.

M.S. in Molecular Veterinary Biosciences. University of Minnesota, St. Paul, MN. 2001. Thesis topic:
“*Mycoplasma* infections in passerine birds in Minnesota”.

Internship, Avian/Exotic/Wildlife Medicine and Surgery, Ontario Veterinary College, University of Guelph,
Guelph, ON. 2001-2002.

Residency, Zoological Medicine, University of Florida, Gainesville, FL. 2002-2005.

Ph.D. in Veterinary Medicine. University of Florida, Gainesville, FL. 2010. Dissertation topic:
“Discovery, Phylogenetic Analysis, Diagnostic Test Development, and Surveillance of the
Astroviruses of Marine Mammals”.

SPECIALTY BOARD CERTIFICATION

Diplomate, American College of Zoological Medicine, 2005.

Diplomate, American College of Veterinary Microbiologists, 2006. Virology and Bacteriology/Mycology
Subspecialties

Diplomate, European College of Zoological Medicine, 2014. Herpetology subspecialty.

AWARDS/HONORS

2013, C.E. Cornelius Young Investigator Award

2011, Phi Zeta Excellence in Doctoral Studies Award

2006, ACZM Manuscript Award

2005, Phi Zeta Best Clinical Research Publication Award

2004, Association of Avian Veterinarians Resident Manuscript Competition Award

2001, Hoyt scholarship for future academician

2000, Schlotthauer scholarship for parasitology

1999, 1st place SCAVMA Symposium academic competition in exotics

1999, Caleb Doerr Award for highest GPA in DVM class

1999, Phi Zeta honor society

1998, Caleb Doerr Award for highest GPA in DVM class

WORK EXPERIENCE

May 2012 to Present	ASSISTANT PROFESSOR, UNIVERSITY OF FLORIDA Dept. of Small Animal Clinical Sciences Affiliate, Dept of Large Animal Clinical Sciences Attending Clinician, Zoological Medicine Service Veterinarian of Record, Santa Fe Teaching Zoo Veterinarian of Record, Lubee Bat Conservancy Service Chief, Clinical Microbiology Diagnostic Laboratory Co-director, Wildlife and Aquatic Veterinary Disease Laboratory Molecular Diagnostician, Zoological Medicine Laboratory
October 2002 to Present	CONSULTANT, VETERINARY INFORMATION NETWORK. Reptiles, Amphibians, and Invertebrates
July 2010 to April 2012	CLINICAL ASSISTANT PROFESSOR, UNIVERSITY OF FLORIDA Attending Clinician, Zoological Medicine Service Service Chief, Clinical Microbiology Diagnostic Laboratory Co-director, Marine Animal Disease Laboratory Molecular Diagnostician, Zoological Medicine Laboratory
July 2006 to June 2010	ALUMNI FELLOW, UNIVERSITY OF FLORIDA Zoological Medicine Service
July 2005 to July 2006	CLINICAL INSTRUCTOR, DISNEY'S ANIMAL KINGDOM.
October, 1995 to May 2001	WILDLIFE REHABILITATION CLINIC, UNIVERSITY OF MINNESOTA. ST. PAUL, MN
April, 1996 to April 2000	VOLUNTEER, THE RAPTOR CENTER, UNIVERSITY OF MINNESOTA. ST. PAUL, MN
June, 1998 to August, 1998	WALTER SCOTT FELLOW, ALASKA RAPTOR REHABILITATION CENTER SITKA, AK
September, 1995 to September, 1997	RESEARCH ASSISTANT, DEPARTMENT OF VETERINARY PATHOBIOLOGY, UNIVERSITY OF MINNESOTA ST. PAUL, MN.
September, 1996 to May, 1997	TEACHING ASSISTANT, DEPARTMENT OF VETERINARY PATHOBIOLOGY, UNIVERSITY OF MINNESOTA ST. PAUL, MN.
October, 1994 to August, 1995	ZOOKEEPER, NEW ENGLAND SCIENCE CENTER WORCESTER, MA
November, 1992 to June, 1994	RESEARCH ASSISTANT, DEPARTMENT OF PATHOLOGY, DARTMOUTH MEDICAL SCHOOL HANOVER, NH.
June, 1991 to August, 1991	MERCK SUMMER FELLOW, BOWDOIN COLLEGE BRUNSWICK, ME

PROFESSIONAL SERVICE

March 2013 to Present	RESEARCH COMMITTEE, AMERICAN ASSOCIATION OF ZOO VETERINARIANS
August 2011 to Present	ASSOCIATE EDITOR, JOURNAL OF WILDLIFE DISEASES
Ongoing	AD HOC REVIEWER, Veterinary Record, Veterinary Microbiology, Virus Research, Journal of Wildlife Diseases, Veterinary Clinical Pathology, Journal of Virological Methods, Journal of General Virology, Virology Journal, Journal of Veterinary Diagnostic Investigation, Journal of Zoo and Wildlife Medicine, Journal of Herpetological Medicine and Surgery, Infection, Genetics, and Evolution, Diseases of Aquatic Organisms, Comparative Parasitology, PLOSone, Research in Veterinary Science, New Zealand Veterinary Journal, Tieraerztliche Praxis
January 2011	GRANT REVIEWER, NATIONAL MARINE FISHERIES SERVICE
August 2006 to December 2011	VETERINARY ADVISOR, ARUBA ISLAND RATTLESNAKE SPECIES SURVIVAL PLAN
February 2007 to December 2011	VETERINARY ADVISOR, PARTULA SNAIL SPECIES SURVIVAL PLAN
July 2008 to December 2010	ASSOCIATE EDITOR, JOURNAL OF HERPETOLOGICAL MEDICINE AND SURGERY- Microbiology
November 2007 to October 2010	MEMBER, ABVP REPTILE/AMPHIBIAN SUBSPECIALTY ORGANIZING COMMITTEE
December 2006 to March 2009	ASSOCIATE EDITOR, JOURNAL OF ZOO AND WILDLIFE MEDICINE Microbiology, Reptile Medicine
April 2006 to September 2008	MEMBER AT LARGE, ASSOCIATION OF REPTILIAN AND AMPHIBIAN VETERINARIANS EXECUTIVE BOARD

RESEARCH INTEREST STATEMENT

My research interests revolve around comparative infectious disease diagnostics, novel pathogen identification, and host/pathogen evolution and ecology. The recent emergence of infectious agents such as SARS, West Nile Virus, HIV, and Nipah Virus from wildlife reservoirs has had a serious impact on both human health and domestic livestock, underscoring the need to survey the viruses of non-domestic animals. I have developed techniques for rapid initial sequence identification of broad groups of agents, enabling identification of novel agents during initial disease outbreaks in a clinically useful time course. Further surveillance of novel infectious agents in wildlife together with studies of host switching may identify agents of concern before significant outbreaks occur, enabling management strategies for risk mitigation to be proactive rather than reactive.

TEACHING INTEREST STATEMENT

My teaching interests involve both microbiology and clinical zoological medicine, and the intersection of these subjects. I also have a strong interest in teaching evidence-based medicine, which involves teaching students to assess sources of information critically and to continually update their paradigms. I am involved in teaching D.V.M. students both in the classroom and in the clinic. I also mentor post-doctoral students both as graduate students and residents. The residency in zoological medicine is well established at the

University of Florida; I would also like to eventually establish a combined clinical microbiology residency/graduate student program. In addition to filling a need in professional education and public health, establishment of such a program would help keep the clinical microbiology service dynamic and growing.

COURSES TAUGHT

1. University of Florida VEM5856, Microbiology, Parasitology and Serology Clinical Clerkship. Course Coordinator. 2014-present.
2. University of Florida VEM5200, Clinical Skills. Lectures given include "Information Gathering: How to look things up", co-taught with Bobbi Conner. 2014-present.
3. University of Florida VEM5141, Veterinary Microbiology. Lectures given include "Adenoviridae and Papillomaviridae", "Mycology: Clinical Basics and Dermatophytes", "Mycology- Systemic Mycoses". 2013-present.
4. ACZM Board Review Course, "Emerging Infectious Diseases of Tortoises", 2014.
5. University of Florida Resident Research Training program. Lectures given include "The Peer Review Process." 2013-present.
6. University of Florida PHC6006, An Introduction to One Health Problem Solving. Lectures given include "An introduction to zoological animal husbandry, disease ecology, and evolution". 2012-2015.
7. University of Florida VEM 5370, Reptile Medicine and Surgery. Lectures given include "Evidence Based Reptile Medicine" "Reptile Virology", "Reptile Bacteriology", "Reptile Mycology", "Infectious Disease Diagnostics in Reptile Medicine", "Reptile Husbandry", "Reptile Nutrition" "Reptile Parasitology". 2003-present. Course coordinator 2012-present.
8. University of Florida VEM5112 Animal Systems III, Digestion. Lectures given include "Gastrointestinal Anatomy and Physiology of Non-Avian Reptiles". 2012-present.
9. University of Florida VEM 5311, Avian Medicine and Surgery. Lectures given include "Avian Virology", "Avian Bacteriology", "Avian Fungal Diseases", "Avian Orthopedic Surgery I", "Avian Orthopedic Surgery II", "Avian Nutrition", "Avian Parasitology", "Infectious Disease Diagnostics in Dinosaurs". 2002-present.
10. University of Florida VEM 5721 and 5821, Zoological Medicine Clerkship, 2002-present.
11. University of Florida VEM 5364, Clinical Medicine and Surgery of Rabbits, Rodents, and Ferrets. Lectures given include "Small Mammal Dentistry", 2007-2015.
12. University of Florida VEM 5041 Veterinary Ethics. Lectures given include "Evidence-Based Veterinary Medicine" and "Ethics of Feral Cats". 2009, 2012-present.
13. University of Florida VME4906/VME6934 Manatee Health and Disease. Lectures given include "Manatee Virology". 2012-present.
14. University of Florida VME4906 Aquatic Wildlife Health Issues. Lectures given include "Crocodilian Health". 2012-present.
15. University of Florida VME5374 Diseases of Warmwater Fish. Lectures given include "Introduction to Infectious Diseases". 2012.
16. "Terrestrial Invertebrate Medicine", Wellehan, J.F.X., Wet Lab, 2012 Conference of the American Association of Reptilian and Amphibian Veterinarians.

17. University of Florida VEM 5571 Emerging Diseases, Foreign Animal Diseases, and Bioterrorism with a focus on zoonoses. Lectures given include "Comparative Medicine, Evolution, and Emerging Infectious Diseases". 2009-2011.
18. Recent Advances in Conservation Genetics Course, "Comparative Infectious Disease and Evolution", Course presented by the Laboratory of Genomic Diversity of the National Cancer Institute, the American Genetics Association, and White Oak Conservation Center. 2010.
19. "Application of Evidence-Based Medicine in Herptile Practice", Wellehan, J.F.X., Gibbons, P.M., Wet Lab, Conference of the Association of Reptile and Amphibian Veterinarians, 2008.
20. ACZM Board Review Course, "Invertebrate Medicine", 2008.
21. University of Florida VEM 5378, SeaVet I, Lectures given include "Crocodilian Medicine", "Crocodilian Structure and Function", "RNA viruses of Marine Mammals", "Evidence-based Marine Mammal Medicine" 2004, 2007, 2008, 2009.
22. University of Florida VEM 5377, Marine and Large Mammal Medicine, Lectures given include "Clinical Aspects of the Evolution of Mammals and their Associated Microbes", "Cetartiodactyla except Camelids and Cetaceans", 2007.
23. ACZM Board Review Course, "Avian Virology", 2007.
24. "Terrestrial Invertebrate Medicine", Wellehan, J.F.X., DeVoe, R.S., Wet Lab, 2007 Conference of the American Association of Zoo Veterinarians.
25. University of Florida VEM 5220, Basic Veterinary Nutrition. Lectures given include "Small Exotic Mammal Nutrition", 2003, 2004.

MENTORSHIP

Graduate Students

Alissa Deming, PhD Student, 2014-present, graduate advisor

Jeremy Rayl, PhD Student, 2015-present, committee member

Jason Ferrante, PhD student, 2011-2014, graduate advisor- "Characterization of cytokine levels and *Trichechid herpesvirus 1* load in the Florida manatee (*Trichechus manatus latirostris*)"

Galaxia Cortés-Hinojosa, PhD student, 2011-2014, graduate advisor

Natalie Steckler, PhD student, 2014-present, committee member.

Residents

Kyle Donnelly, 2016-present

Justin Rosenberg, 2015-present

Estelle Rousselet, 2014-present

Marjorie Bercier, 2014-present

Alexandra Goe, 2013-2016. Winner, Morris Animal Foundation Post-graduate Veterinarian Competition.

Dan Fredholm, 2012-2015

Jessica Emerson, 2011-2014

Paige Brock, 2010-2013

Natalie Hall, 2009-2012

Copper Aitken-Palmer, 2008-2011

Rolando Quesada, 2007-2010

Debbie Myers, 2006-2009

Adrienne Atkins, 2005-2008

Interns

Lydia Lam, 2011-2012- research project: "A novel gammaherpesvirus associated with oral squamous cell carcinoma in sun bears (*Helarctos malayanus*)"

DVM students

Rachel Lucia, class of 2019- research project: "Diversity of the Tenericutes in samples from the Testudines"

Jessica Buchy, class of 2019- research project: "Development of a quantitative PCR assay for *Cryptosporidium serpentis*"

Hillary Allgood, class of 2019- research project: "Surveillance of Florida snails for *Parelaphostrongylus andersoni*"

Aysem Benge, class of 2018- research project: "The pharmacokinetics of ponazuril in Red footed tortoises, *Chelonoidis carbonaria*"

Jordyn Sthay, class of 2017- research project: "Novel seabird virus identification and development of quantitative assays for use in health impact assessment"

Hannah Williams, class of 2017- research project: "Investigation of the epidemiology of astrovirus in cats"

Kirsten Cook, class of 2017- research project: "Investigation of the epidemiology of astrovirus in cats"

Stella Blum, class of 2016- research project: "Development of a quantitative PCR assay for a novel adenovirus in the box turtle and surveillance of wild and captive populations" Merck/Merial Summer research fellowship award recipient

Sara Ferguson, class of 2016- research project: "Characterization and test development for a novel coccidian of the leatherback turtle, *Dermochelys coriacea*" Morris Veterinary Student Scholars Program award recipient

Patti Elster, class of 2016- research project: Investigation of the diversity of astroviruses in shelter cats"

Chris Coverdill, class of 2015- research project: "Detection and Phylogenetic Characterization of a novel Herpesvirus found the liver and lungs of a neonatal Chilean Flamingo with hepatomegaly (*Phoenicopterus chilensis*)"

Kali Standorf, class of 2015- research project: "*Tursiops truncatus adenovirus 1*: genome characterization

and qPCR test development for a novel Mastadenovirus” Merck/Merial Summer research fellowship award recipient. Winner, Phi Zeta award for best student presentation.

Heather Joseph, class of 2013- research project: “A novel siadenovirus of the Gouldian finch (*Erythrura [Chloebia] gouldiae*)”

Amber Schoeller, class of 2013- research project: “Serologic cross reactivity of naturally acquired *Ferlavirus* antibodies in snakes to two genogroup B viruses and one genogroup C virus.

W. Alex Alvarez, class of 2012- research project: “Development of a quantitative PCR for rapid and sensitive diagnosis of intranuclear coccidiosis in tortoises”

Alissa Deming, class of 2012- research project: “Investigation of the diversity of the bottlenose dolphin (*Tursiops truncatus*) SLAM receptor, the morbillivirus entry site” Merck/Merial Summer research fellowship award recipient

Brianne Philips, class of 2012- research project: “Investigation of bottlenose dolphins (*Tursiops truncatus*) for HFE gene-related hemochromatosis” Merck/Merial Summer research fellowship award recipient

Derek Parkin, class of 2009- research project: “Genotype differentiation of Agamid Adenovirus 1 in Bearded Dragons (*Pogona vitticeps*) in the USA by hexon gene sequence”

Undergraduate Students

Alexa Stephen, class of 2014- research project: “Characterization of an Avipoxvirus from a bald eagle (*Haliaeetus leucocephalus*)”

Sara Yonkers, class of 2014- research project: “A novel herpesvirus associated with papillomatous lesions in an eastern box turtle (*Terrapene carolina*)”

PEER-REVIEWED PUBLICATIONS

1. Ferrante JA, Cortes-Hinojosa G, Archer LL, Wellehan JFX. Development of a quantitative PCR assay for measurement of Trichechid herpesvirus 1 (TrHV1) load in the Florida manatee (*Trichechus manatus latirostris*). *Journal of Veterinary Diagnostic Investigation*. 2016: *In press*.
2. Smith LN, de Wit M, Francis-Floyd R, Walsh MT, Waltzek TB, Wellehan JFX, Gerhold R, Su C, Chapman AE. Disseminated Toxoplasmosis (*Toxoplasma gondii*) in a Wild Florida Manatee (*Trichechus manatus latirostris*) and Seroprevalence in Wild Florida Manatees. *Diseases of Aquatic Organisms*. 2016: *In press*.
3. Donnelly K, Waltzek TB, Wellehan JFX, Stacy NI, Chadam M, Stacy BA. *Mycobacterium haemophilum* infection in a juvenile leatherback sea turtle (*Dermochelys coriacea*). *Journal of Veterinary Diagnostic Investigation*. 2016: *In press*.
4. Lorch JM, Lankton JS, Knowles S, Mitchell K, Edwards JL, Kapfer JM, Staffen RA, Wild ER, Schmidt KZ, Ballmann AE, Blodgett D, Farrell TM, Glorioso BM, Last LA, Price SJ, Schuler KL, Smith CE, Wellehan JFX, Blehert DS. Snake Fungal Disease: An Emerging Threat to Wild Snakes. *Philosophical Transactions of The Royal Society B*. 2016: *In press*.
5. Cassle SE, Landrau-Giovanetti, N, Leone A, Wellehan JFX, Stacy NI, Thompson P, Herrin H, Mase-Guthrie B, Blas-Machado U, Saliki JT, Walsh MT, Waltzek TB. Coinfection of Cetacean morbillivirus and *Aspergillus fumigatus* in a juvenile bottlenose dolphin (*Tursiops truncatus*) in the Gulf of Mexico. *Journal of Veterinary Diagnostic Investigation*. 2016: *In press*.

6. Dujowich M, Case JB, Ellison G, Wellehan JFX. Evaluation of low-dose Ultraviolet Light C For Reduction of select ESKAPE pathogens in a Canine Skin and Muscle Model. *Photomedicine and Laser Surgery*. 2016: 34(8):363-70.
7. Goe A, Shmalberg J, Gatson B, Bartolini P, Curtiss J, Wellehan JFX. Epinephrine or GV-26 stimulation reduces inhalant anesthetic recovery time in common snapping turtles (*Chelydra serpentina*). *Journal of Zoo and Wildlife Medicine*. 2016: 47(2):501-507.
8. Goe A, Heard DJ, Easley JR, Weeden AL, Childress AL, Wellehan JFX. *Blastocystis* sp. and *Blastocystis ratti* in a Brazilian porcupine (*Coendou prehensilis*) with diarrhea. *Journal of Zoo and Wildlife Medicine*. 2016: 47(2):640-644.
9. Ferguson SD, Wellehan JFX, Frasca S, Innis CJ, Harris HS, Miller M, Weber ES, Stockdale Walden H, Greiner EC, Merigo C, Stacy BA. Coccidial infection of the Adrenal Glands of Leatherback Sea Turtles (*Dermochelys coriacea*). *Journal of Wildlife Diseases*. 2016: 52(4):874-882.
10. Goe A, Heard DJ, Abbott JR, de Mello Souza CH, Wellehan JFX. Surgical management of an odontogenic tumor in a banded Gila monster (*Heloderma suspectum cinctum*) with a novel herpesvirus. *Veterinary Quarterly*. 2016: 36(2):109-114.
11. Stephen AA, Leone AM, Toplon DE, Archer LL, Wellehan JFX. Characterization of an Avipoxvirus from a bald eagle (*Haliaeetus leucocephalus*) using novel consensus PCR protocols for the rpo147 and DNA-dependent DNA polymerase genes. *Journal of Avian Medicine and Surgery*. 2016: *In press*.
12. Coverdill CC, Barnes JA, Garner MM, Hinton KL, Childress AL, Wellehan JFX. Phylogenetic characterization of a novel herpesvirus found in the liver and lungs of a Chilean Flamingo (*Phoenicopterus chilensis*). *Journal of Veterinary Diagnostic Investigation*. 2016: 28(3):219-24.
13. Palmer JL, Blake S, Wellehan JFX, Childress AL, Deem SL. First reported clinical *Mycoplasma* sp. infections in free-living three-toed box turtles (*Terrapene carolina triunguis*) in Missouri. *Journal of Wildlife Diseases*. 2016: 52(2): 378-82.
14. Cortes-Hinojosa G, Doescher B, Kinsel M, Lednicky J, Loeb J, Waltzek T, Wellehan JFX. Coinfection of California sea lion adenovirus 1 and a novel polyomavirus in a Hawaiian monk seal (*Neomonachus schauinslandi*). *Journal of Zoo and Wildlife Medicine*. 2016: 47(2):427-37.
15. Hyndman TH, Shilton CM, Wellehan JFX, Davis S, Isberg SR, Phalen D, Melville L. Molecular identification of three novel herpesviruses found in Australian farmed saltwater crocodiles (*Crocodylus porosus*) and Australian captive freshwater crocodiles (*Crocodylus johnstoni*). *Veterinary Microbiology*. 2015: 181(3-4):183-9.
16. Hausmann JC, Wack AN, Allender MC, Cranfield MR, Murphy KJ, Barrett K, Romero JL, Wellehan JFX, Blum SA, Zink MC, Bronson E. Experimental challenge study of FV3-like ranavirus infected eastern box turtles (*Terrapene carolina carolina*) to assess infection and survival. *Journal of Zoo and Wildlife Medicine*. 2015: 46(4):732-746.
17. Goe A, Heard DJ, Fredholm DV, Stacy NI, McCoy L, Wellehan JFX. Management of a patent urachus and yolk coelomitis in a prehensile-tailed skink (*Corucia zebrata*). *Journal of Zoo and Wildlife Medicine*. 2015: 46(4):909-912.
18. Cortes-Hinojosa G, Gulland FMD, DeLong R, Gelatt T, Archer LL, Wellehan JFX. A novel gammaherpesvirus in northern fur seals (*Callorhinus ursinus*) is closely related to the California sea lion (*Zalophus californianus*) carcinoma-associated Otarine herpesvirus 1. *Journal of Wildlife Diseases*. 2015: 52(1):88-95.

19. Curtiss JB, Leone AM, Wellehan JFX, Emerson JA, Howerth EW, Farina LL. Renal and Cloacal Cryptosporidiosis (*Cryptosporidium* avian genotype V) in a Major Mitchell's Cockatoo *Lophochroa leadbeateri*. *Journal of Zoo and Wildlife Medicine*. 2015; 46(4):934-937.
20. Scharf VF, Lewis ST, Wellehan JF, Wamsley HL, Richardson R, Sundstrom DA, Lewis DD. Retrospective evaluation of the efficacy of isolating bacteria from synovial fluid in dogs with suspected septic arthritis. *Australian Veterinary Journal* 2015 93(6):200-203.
21. Scharf VF, Lewis DD, Wellehan JF, Wamsley HL, Richardson R. Comparison of synovial fluid culture and 16S rRNA PCR in dogs with suspected septic arthritis. *Australian Veterinary Journal* 2015 93(6):204-207.
22. Yonkers SB, Schneider R, Reavill DR, Archer LL, Childress AL, Wellehan JFX. Coinfection with a Novel Fibropapilloma-Associated Herpesvirus and a Novel *Spirorchis* sp. in an Eastern Box Turtle (*Terrapene carolina*) in Florida. *Journal of Veterinary Diagnostic Investigation*. 2015 27(4): 408-413. Available online 15 June 2015.
23. Ng TFF, Wellehan JFX, Coleman JK, Kondov NO, Deng X, Waltzek TB, Reuter G, Knowles NJ, Delwart E. A tortoise-infecting picornavirus expands the host range of the family Picornaviridae. *Archives of Virology*, 2015 160(5):1319-23. Available online 28 February 2015.
24. Fredholm DV, Coleman JK, Childress AL, Wellehan JFX. Development and validation of a novel hydrolysis probe qPCR for agamid adenovirus 1 in the inland bearded dragon (*Pogona vitticeps*). *Journal of Veterinary Diagnostic Investigation*. 2015 27(2) 249–253.
25. Roberts JF, Wellehan J, Weisman JL, Rush M, Childress AL, Lindsay DS. Massive Muscular Infection by a *Sarcocystis* Species in a South American Rattlesnake (*Crotalus durissus terrificus*). *Journal of Parasitology*. 2015 101(3):386-389.
26. Cortes-Hinojosa G, Gulland FMD, Goldstein T, Venn-Watson S, Rivera S, Waltzek TB, Salemi M, Wellehan JFX. Phylogenomic characterization of California sea lion adenovirus 1. *Infection, Genetics, and Evolution*. 2015 33(1):270-276.
27. Donnelly K, Waltzek TB, Wellehan JFX, Sutton DA, Weiderhold NP, Stacy BA. Phaeohyphomycosis resulting in obstructive tracheitis in three green sea turtles (*Chelonia mydas*) stranded along the Florida coast. *Diseases of Aquatic Organisms*. 2015 113: 257–262.
28. Ravi M, Patel J, Pybus M, Coleman JK, Childress AL, Wellehan JFX. Meningoencephalitis with Disseminated Sarcocystosis in a Free Ranging Moose (*Alces alces*) Calf. *Canadian Veterinary Journal*. 2015 56(8):872-875.
29. McBride MP, Wojcik KB, Georoff TA, Kimbro J, Garner MM, Wang X, Childress AL, Wellehan JFX. *Ophidiomyces ophiodiicola* dermatitis in eight free-ranging timber rattlesnakes (*Crotalus horridus*) from Massachusetts. *Journal of Zoo and Wildlife Medicine*. 2015 46(1): 86–94.
30. Sim RR, Norton TM, Bronson E, Allender MC, Stedman N, Childress AL, Wellehan JFX. Identification of a novel herpesvirus in captive Eastern box turtles (*Terrapene carolina carolina*). *Veterinary Microbiology*. 2015 175:218-223. Available online 13 December 2014.
31. Van Bresse M-F, Duignan PJ, Banyard A, Barbieri M, Colegrove KM, De Guise S, Di Guardo G, Dobson A, Domingo M, Fauquier D, Fernández AJ, Goldstein T, Grenfell B, Groch KR, Gulland F, Jensen BA, Jepson PD, Hall A, Kuiken T, Mazzariol S, Morris SE, Nielsen O, Raga JA, Rowles TK, Saliki JT, Sierra E, Sephens N, Stone B, Tomo I, Wang J, Waltzek T, Wellehan JFX. Cetacean morbillivirus: current knowledge and future directions. *Viruses*. 2014 6(12):5093-5134. Available online 22 December 2014.

32. Duignan PJ, Van Bresse M-F, Baker J, Barbieri M, Colegrove KM, De Guise S, de Swart R, Di Guardo G, Dobson A, Duprex WP, Early G, Fauquier D, Goldstein T, Goodman S, Grenfell B, Groch KR, Gulland F, Hall A, Jensen BA, Lamy K, Matassa K, Mazzariol S, Morris SE, Nielsen O, Rotstein D, Rowles TK, Saliki JT, Siebert U, Waltzek T, Wellehan JFX. Phocine Distemper Virus: Current knowledge and future directions. *Viruses*. 2014 6(12):5145-5181. Available online 22 December 2014.
33. Stenglein MD, Jacobson ER, Wozniak EJ, Wellehan JFX, Kincaid A, Gordon M, Porter BF, Baumgartner W, Stahl S, Kelley K, Towner JS, DeRisi JL. Ball python nidovirus: a candidate etiologic agent for severe respiratory disease in *Python regius*. *mBio* 2014 5(5): e01484-14
34. Ravich ML, Reavill DR, Hess L, Childress AL, Wellehan JFX. Gastrointestinal Cryptosporidiosis in Captive Psittacine Birds in the United States. *Journal of Avian Medicine and Surgery*. 2014 28:297-303.
35. Joseph HM, Ballmann MZ, Garner MM, Hanley CS, Berlinski R, Erdélyi K, Fish SS, Harrach B, Wellehan JFX. A novel siadenovirus detected in the kidneys and liver of Gouldian finches (*Erythura gouldiae*). *Veterinary Microbiology* 2014 172(1-2):35-43. Available online 21 April 2014.
36. Stacy BA, Wolf DA, Wellehan JFX. Large-scale predation by river otters (*Lontra canadensis*) on Florida cooter (*Pseudemys floridana*) and Florida softshell turtles (*Apalone ferox*). *Journal of Wildlife Diseases* 2014 50(4):906-910. Available online 6 August 2014.
37. Grosset C, Wellehan JFX, Owens SD, McGraw S, Gaffney PM, Foley J, Childress AL, Yun S, Malm K, Groff JM, Paul-Murphy J, Weber ES. Description of an erythrocytic iridovirus from an inland bearded dragon (*Pogona vitticeps*). *Journal of Veterinary Diagnostic Investigation*. 2014 26(3): 354–364.
38. Phillips BE, Venn-Watson S, Archer LL, Nollens HH, Wellehan JFX. Preliminary investigation of bottlenose dolphins (*Tursiops truncatus*) for *HFE* gene-related hemochromatosis. *Journal of Wildlife Diseases* 2014 50(4):891-895. Available online 30 July 2014.
39. Emerson JA, Stacy NI, Coverdill CC, Cooke K, Wellehan JFX. Preservation of red blood cells in the American alligator (*Alligator mississippiensis*) over time and in two different anticoagulants. *Journal of Herpetological Medicine and Surgery*. 2014 24(3-4):82-94.
40. Tuomi PA, Murray MJ, Garner MM, Goertz CEC, Nordhausen RW, Burek-Huntington KA, Getzy DM, Nielsen O, Archer LL, Maness HTD, Wellehan JFX, Waltzek TB. Novel poxvirus infection in northern and southern sea otters (*Enhydra lutris kenyoni* and *Enhydra lutris neiris*). *Journal of Wildlife Diseases* 2014 50(3):607-615.
41. Bezjian M, Wellehan JFX, Walsh MT, Anderson E, Jacobson E. Management of wounds in a loggerhead sea turtle (*Caretta caretta*) due to traumatic bycatch injury from the spines of a spotted eagle ray (*Aetobatus narinari*). *Journal of Zoo and Wildlife Medicine*. 2014 45(2):428-432.
42. Emerson JA, Walden HS, Peters RK, Farina LL, Fredholm DV, Qvarnstrom Y, Xayavon M, Bishop H, Slapcinsky J, McIntosh A, Wellehan JFX. Eosinophilic meningoencephalomyelitis in an orangutan (*Pongo pygmaeus*) caused by *Angiostrongylus cantonensis* in southern Florida, USA. *Veterinary Quarterly*. 2013 33(4):191-194.
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BOOK CHAPTERS AND INVITED REVIEWS

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2. Wellehan JFX. The Pathogenesis of Infectious Diseases. *In: Speer BL (ed.) Current Therapy in Avian Medicine and Surgery*. 2016:22-27.
3. Wellehan JFX. Coccidial Diseases of Birds. *In: Speer BL (ed.) Current Therapy in Avian Medicine and Surgery*. 2016:73-77.
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18. Wellehan JFX. Mycobacteriosis *In*: Mayer J, Donnelly TM (eds.) *Clinical Veterinary Advisor: Birds and Exotic Pets*. 2013: 117-118.
19. Wellehan JFX. Mycoplasma. *In*: Mayer J, Donnelly TM (eds.) *Clinical Veterinary Advisor: Birds and Exotic Pets*. 2013: 118-120.
20. Wellehan JFX. Nematodiasis. *In*: Mayer J, Donnelly TM (eds.) *Clinical Veterinary Advisor: Birds and Exotic Pets*. 2013: 120-121.
21. Wellehan JFX. Paramyxovirus infection. *In*: Mayer J, Donnelly TM (eds.) *Clinical Veterinary Advisor: Birds and Exotic Pets*. 2013: 127-128.
22. Wellehan JFX. Pentastomes. *In*: Mayer J, Donnelly TM (eds.) *Clinical Veterinary Advisor: Birds and Exotic Pets*. 2013: 130-131.
23. Wellehan JFX. Reovirus infections. *In*: Mayer J, Donnelly TM (eds.) *Clinical Veterinary Advisor: Birds and Exotic Pets*. 2013: 140-141.
24. Wellehan JFX. Virology of Nonavian Reptiles; an Update. *In*: Miller RE, Fowler ME (eds.) *Fowler's Zoo and Wild Animal Medicine Current Therapy, Volume 7*. 2011: 254-259.
25. Wellehan JFX. Identifying and Evaluating Evidence in Reptile Medicine. *Journal of Exotic Pet Medicine*. 2009 18(3): 194-201.
26. Johnson AJ, Origi F, Wellehan JFX. Molecular diagnostics. *In*: Jacobson ER (ed.) *Infectious Diseases and Pathology of Reptiles*. 2007: 351-380.
27. Wellehan JFX. Understanding diagnostic testing. *In*: Mader, D (ed.) *Reptile Medicine and Surgery*, 2nd ed. 2005: 1062-1067.
28. Wellehan JFX, Johnson AJ. Reptile Virology. *Veterinary Clinics of North America: Exotic Animal Practice*. 2005 8(1): 27-52.

29. Johnson AJ, Wellehan JFX. Amphibian Virology. *Veterinary Clinics of North America: Exotic Animal Practice*. 2005 8(1): 53-65.
30. Wellehan JFX, and Gunkel CI. Emergent diseases of reptiles. *Seminars in Avian and Exotic Medicine*. 2004 13(3): 160-174.
31. Heard DJ, Harr K, and Wellehan JFX. Diagnostic Sampling and Laboratory Tests. *In: Girling, S.J, Raiti, P (eds.) BSAVA Manual of Reptiles, 2nd ed.* 2004: 71-86.

RESEARCH FUNDING

1. Allgood, H. (Mentee), Wellehan, JFX. CVM 2016 Summer Veterinary Scholars Research Grant Competition. 6/1/2016-8/1/2016. \$2,500.00 "Surveillance of Florida snails for *Parelaphostrongylus andersoni*."
2. Behringer DC (PI), Waltzek TB (Co-PI), Salemi M (Co-PI), Wellehan JF (Co-PI). UF 2015 Research Opportunity Fund. 6/2015-6/2017. \$85,502.00 "Applying Advanced Tools in Molecular Biology and Phylogeography to Determine the Origins and Patterns of Dispersal in a Lethal Marine Pathogen"
3. Wellehan, JFX (PI), Bercier M (Co-I), Winter MD (Co-I), Chiles H (Co-I). Association of Reptilian and Amphibian Veterinarians. 7/2015-7/2016. \$2,998 "Determining the glomerular filtration rate in bearded dragons (*Pogona vitticeps*) using contrast-enhanced computed tomography and plasma clearance of iohexol"
4. Bengé, A. (Mentee), Wellehan, JFX. 2015 Morris Veterinary Student Scholars Program. 6/1/2015-8/1/2015. \$5,000.00 "The pharmacokinetics of ponazuril in Red footed tortoises, *Chelonoidis carbonaria*"
5. Wellehan, JFX (PI), Goe A (Co-I), Mylniczenko ND (Co-I), Rodriguez CE (Co-I), Sincage J (Co-I), Stockdale Walden H (Co-I). Sophie Danforth Conservation Biology Fund. 9/30/2014-9/30/2015. \$1,276. "Development and Utilization of a Quantitative PCR for Diagnosis of *Steinhausia* microsporidia in Captive Polynesian tree snails, *Partula nodosa*"
6. Wellehan, JFX (PI). The Marine Mammal Center. 8/16/2014-8/15/2016. \$60,000. "Studies of pathogenesis of a virus-associated carcinoma in California sea lions: Research fellowship for Alissa Deming"
7. Waltzek, T.B. (PI), Wellehan, J.F.X. (Co-I), Johnson T.O. (Co-I), Sanchez S (Co-I), Walsh M (Co-I), Goldstein T (Co-I), Saliki J.T., Lednicky J.A., Nielson O. (Co-I). NOAA. 06/30/2014 – 07/01/2015. \$60,000.00 "Characterization of the 2013-2014 Mid-Atlantic Bottlenose Dolphin Morbillivirus Epizootic:"
8. Sthay, J. (Mentee), Wellehan, JFX. CVM 2014 Summer Veterinary Scholars Research Grant Competition. 6/1/2014-8/1/2014. \$2,500.00 "Novel seabird virus identification and development of quantitative assays for use in health impact assessment."
9. Wellehan, JFX (PI), Cortes-Hinojosa, G (Co-PI), Gulland FMD (Co-I) 2014 AAZV Zoological Medicine and Wildlife Health Research Grant. 8/01/14-06/31/15. \$9,670.00 "Comparative genomics of Cancer related OtHV-1 with non-cancer related OtHV-4"
10. Wellehan, JFX (PI), Goe A (Co-I), Gatson B (Co-I), Vigani A (Co-I), Shmalberg J (Co-I) Oresjo P (Co-I), Heard D (Co-I). Association of Reptilian and Amphibian Veterinarians. 7/2014-7/2015. \$2,998 "Effect of Parenteral Epinephrine and GV-26 Stimulation on Inhalant Anesthesia Recovery Time in Two Orders of Reptiles"

11. Wellehan, JFX (PI), Ferrante J (Co-I) University of Florida Faculty Research Competition award. \$5,775. "Characterization of manatee lymphocyte IFN γ expression in response to mitogenic stimulation, and assessment of the effects of manatee cold stress syndrome (CSS) on this expression"
12. Wellehan, J.F.X. (PI). 2013 AAZV Zoological Medicine and Wildlife Health Research Grant. 6/01/13-05/31/14. \$10,000.00 "Development of quantitative PCR assays for investigation of immune function in the Florida manatee (*Trichechus manatus latirostris*)"
13. Wellehan J.F.X. (PI), 2013 Oiled Wildlife Care Network Competitive Grant. 10/1/2013-10/1/2014. \$10,000.00 "Novel seabird virus identification and development of quantitative assays for use in health impact assessment."
14. Ferguson, S. (Mentee), Wellehan, JFX. 2013 Morris Veterinary Student Scholars Program. 6/1/2013-8/1/2013. \$4,000.00 "Characterization and test development for a novel coccidian of the leatherback turtle, *Dermodochelys coriacea*."
15. Blum, S. (Mentee), Wellehan, JFX. CVM 2013 Summer Veterinary Scholars Research Grant Competition. 6/1/2013-8/1/2013. \$2,500.00 "Development of a quantitative PCR assay for a novel adenovirus in the box turtle and surveillance of wild and captive populations."
16. Waltzek, T.B. (PI), Wellehan, J.F.X. (Co-PI). Florida Atlantic University. 8/1/2012-7/31/2013. \$25,000. "Metagenomic Detection of Emerging Viral Pathogens among Bottlenose Dolphins."
17. Wellehan, J.F.X. (PI), Waltzek, T.B. (Co-PI), Gray G.C. (Co-PI), Innis, C. J. (Co-I), Merigo, C. (Co-I), Moore, M. (Co-I), Goertz, C.E.C. (Co-I), McFee, W. (Co-I). US Department of Commerce Prescott Award. 8/1/2012-7/31/2014. \$100,000.00. "Viral respiratory disease in stranded marine mammals and potential anthroponotic or domestic animal origin".
18. Wellehan, J.F.X. (PI), Isaza, N.M. (Co-PI). Morris Animal Foundation. 12/2012-12/2014. \$108,000.00. "Determination of the diversity of astroviruses in cat feces, development of rapid testing, and epidemiology".
19. Waltzek, T.B. (PI), Wellehan, J.F.X. (Co-PI). Association of Reptilian and Amphibian Veterinarians. 5/1/2012-5/1/2013. \$3,000.00. "In Vitro Efficacy of Cidofovir against Frog Virus 3 (FV3)".
20. Standorf, K. (Mentee), Wellehan, JFX. CVM 2012 Summer Veterinary Scholars Research Grant Competition. 6/1/2012-8/1/2012. \$2,500.00 "Defining a novel adenovirus in the bottlenose dolphin, *Tursiops truncatus*, and providing a means for future diagnosis."
21. Emerson, J. (Mentee), Wellehan JFX, Stacy NI, Heard DJ, Cooke K. CVM 2012 Resident Research Grant. 4/30/12-4/30/13. \$2,000. "Red blood cell preservation in the American Alligator (*Alligator mississippiensis*) over time and in two different anticoagulants."
22. Wellehan, J.F.X. (PI), Gibbons, PM (Co-I). Association of Reptilian and Amphibian Veterinarians. 5/1/2011-5/1/2012. \$3,000.00 "Development of a quantitative PCR for rapid and sensitive diagnosis of intranuclear coccidiosis in tortoises."
23. Wellehan, J.F.X. (PI). National Oceanic and Atmospheric Administration. 9/1/10-9/30/12. \$36,000.00 "Identification of viruses involved in morbidity and mortality in marine mammals."
24. Wellehan, J.F.X. (PI), Stacy B.A. (Co-PI), H. Nollens (Co-investigator), Venn-Watson S. (Co-investigator), St. Leger J (Co-investigator), Yochem P (Co-investigator). U.S. Department of the Navy, Office of Naval Research, 8/24/10– 2/29/13, \$460,779.00 "Detection, impact assessment and prevention of novel viruses in Navy marine mammals."

25. Kane, A.S. (PI), Blackburn J. (Co-I), Johnson J. (Co-I), Lazuardo M. (Co-I), Qiu Y. (Co-I), Wellehan J. (Co-I), Yarnell S (Graduate research associate), Ashkin D. (Consultant). University of Florida Opportunity Research Fund, 5/1/10-5/1/12, \$85,610.00 "Epidemiology and Environmental Reservoirs of Mycobacteria in Florida"
26. H. Nollens (PI), Stacy B.A. (Co-PI), Wellehan, J.F.X. (Co-investigator), Venn-Watson S. (Co-investigator), St. Leger J (Co-investigator), Yochem P (Co-investigator). U.S. Department of the Navy, Office of Naval Research, 3/01/09 – 8/24/10, \$408,352.00 "Detection, impact assessment and prevention of novel viruses in Navy marine mammals."
27. H. Nollens (PI), Jacobson E.R. (Co-PI), Condit, R. (Co-PI), Wellehan, J.F.X. (Co-investigator). U.S. Department of the Navy, Office of Naval Research, 01/01/06 – 12/31/08, \$994,332.00. "Identifying viral marine mammal pathogens and assessing their pathogenicity"
28. Wellehan, J.F.X. (PI), Jacobson, E.R. (Co-PI), Johnson, A.J. (Co-PI), Citino, S.B. (Co-PI), CVM Resident Intramural Competitive Grants Program, 12/04-12/05, \$2,000.00, "Rapid PCR identification and sequence characterization of coronaviruses of hoofstock".
29. Jacobson, E.R. (PI) , Heard, D. (Co-PI), Wellehan, J, Klein, P (Co-PI), Green, L.G. (Co-PI), Lube Foundation, \$7,015.00. 2003. "Development of Reagents for Measurement of Antibody Responses in the Island Flying Fox, *Pteropus hypomelanus*"

SELECTED PRESENTATIONS

1. Bowden RR, Childress AL, Cortes-Hinojosa G, Presser JW, Goss EM, Shmalberg J, Wellehan JFX Development and validation of a probe hybridization qPCR for rapid identification and quantification of *Pythium insidiosum* in clinical samples. Poster Presentation, 2016 Conference of the American Association of Veterinary Laboratory Diagnosticians.
2. Allgood HE, Wellehan J, Archer L, Walden HS. Surveillance of Florida snails for *Parelaphostrongylus andersoni* and *Parelaphostrongylus tenuis*. Poster Presentation, 2016 Meriel-NIH National Veterinary Scholars Symposium.
3. Furst N, Gatson B, Swift S, Wellehan J. Cardiovascular effects of epinephrine on Alligator mississippiensis recovering from isoflurane anesthesia. Poster Presentation, 2016 Meriel-NIH National Veterinary Scholars Symposium.
4. Wellehan JFX, Crosby FL, Raskin RE, Weeden AL, Jacobson ER, Stacy NI, Brown MB, Heard DJ, Childress AL, Goe AM, Bercier M, Rosenberg JF, Peltierra L, Sayler KA, Lundgren AM, Barbet AF. Novel *Anaplasma* sp. and *Helicobacter* sp. in gopher tortoises (*Gopherus polyphemus*) in Florida. Oral Presentation, 2016 Conference of the Wildlife Disease Association.
5. Rosenberg JF, Walden HS, Russell K, Wellehan JFX. *Angiostrongylus cantonensis* in a zoological collection in Florida with an antemortem diagnosis and successful treatment in a white-throated capuchin monkey. Oral Presentation, 2016 Conference of the American Association of Zoo Veterinarians.
6. Cortés-Hinojosa G, Adkesson MJ, Cárdenas-Alayza S, Seguel M, Pavés H, Wellehan JFX Jr. Effect of environmental stress of an El Niño event on adenovirus diversity in marine animal rookeries. Oral Presentation, 2016 Conference of the American Association of Zoo Veterinarians.
7. McEntire M, Sanchez CR, Pich A, Zordan M, Barber D, Poole V, Rains N, Erxleben D, Heatley JJ, Wellehan J. Health evaluation, pathogen screening and hematologic values in free ranging Texas horned lizards (*Phrynosoma cornutum*). Oral Presentation, 2016 Conference of the American Association of Zoo Veterinarians.

8. Crosby FL, Peltierra L, Weeden AL, Wellehan JFX, Brown MB, Lundgren AM, Barbet AF. Novel *Anaplasma* Species in the Environmentally Threatened Florida Gopher Tortoise. Oral Presentation, 28th Meeting of the American Society for Rickettsiology.
9. Deming AC, Gulland FMD, Cortes-Hinojosa G, Milner R, Renne R, Wellehan JFX. What can urogenital carcinoma in California sea lions (*Zalophus californianus*) teach us about cancer, herpesviruses, and human health? Oral Presentation, 2016 Conference of the International Association for Aquatic Animal Medicine.
10. Shmalberg J, Wellehan JFX. Oomycete Infections: Pythium and Lagenidium – An Update. Oral Presentation, 2016 Referring Veterinarian Appreciation Day Conference, University of Florida.
11. Fauquier DA, Goldstein T, Colegrove KM, Rotstein DS, DiGiovanni, Jr RA, McLellan WA, Rosel P, Wilcox L, Stolen M, Urian K, Habecker P, Coffee L, Swist S, Howerth EW, Gottdenker N, Bossart G, St. Leger J, Waltzek TB, Wellehan JFX, Saliki JT, Neilsen O, Morris SE, Zerner J, Grenfell BT, Garron M, Mase-Guthrie B, Rowles TK. Dolphin morbillivirus and the 2013-2015 Mid-Atlantic bottlenose dolphin (*Tursiops truncatus*) unusual mortality event. Oral presentation, 21st Biennial Conference of The Society for Marine Mammalogy.
12. Deming AC, Wellehan JFX, Milner R, Cortes-Hinojosa G, Gulland FMD. Urogenital carcinoma: a common cancer in California sea lions (*Zalophus californianus*) serves as a comparative model for studying viral oncogenesis. Poster presentation, 21st Biennial Conference of The Society for Marine Mammalogy.
13. Deming AC, Milner R, Cortes-Hinojosa G, Gulland FMD, Wellehan JFX. Urogenital carcinoma: a common cancer in California sea lions (*Zalophus californianus*) serves as a comparative model for studying viral oncogenesis. Poster presentation, 2015 Florida Genetics Symposium, Gainesville, Florida.
14. Goe A, Shmalberg J, Gatson B, Bartolini P, Curtiss J, Granone T, Wellehan JFX. Effects of Parenteral Epinephrine and GV-26 Stimulation on Inhalant Anesthesia Recovery Time in Two Orders of Reptiles. Oral Presentation, 2015 Conference of the American Association of Zoo Veterinarians. Winner, Morris Animal Foundation Post-graduate Veterinarian Competition.
15. Ferrante JA, Archer L, Cortés-Hinojosa G, Wellehan JFX. Development of quantitative PCR assays for investigation of immune function in the Florida manatee (*Trichechus manatus latirostris*). Oral Presentation, 2015 Conference of the American Association of Zoo Veterinarians.
16. Bercier M, Goe A, Epperson E, Abbott JR, Childress AL, Wellehan JFX, Heard DJ. A novel *Chlamydophila* sp. in a false gharial (*Tomistoma shlegelii*) with cervicothoracic scoliosis and granulomatous encephalomyelitis. Oral Presentation, 2015 Conference of the American Association of Zoo Veterinarians.
17. Sthay J, Cortés-Hinojosa G, Gardner A, Archer LL, Wellehan JFX. The Identification of Novel Herpesviruses and Adenoviruses from Seabirds. Oral Presentation, 2015 Conference of the American Association of Zoo Veterinarians.
18. Wellehan JFX. Clinical Significance of Reptile Disease Ecology and Evolution (including Dinosauria). Oral Presentation, 2015 Conference of the Association of Reptile and Amphibian Veterinarians.
19. Goe A, Shmalberg J, Gatson B, Bartolini P, Curtiss J, Granone T, Wellehan JFX. Effects of Parenteral Epinephrine and GV-26 Stimulation on Inhalant Anesthesia Recovery Time in Two Orders of Reptiles. Oral Presentation, 2015 Conference of the Association of Reptile and Amphibian Veterinarians.
20. Coverdill CC, Barnes J, Garner MM, Hinton KL, Wellehan JFX. Phylogenetic Characterization of a Novel Herpesvirus Found in the Liver and Lungs of a Neonatal Chilean Flamingo with Hepatomegaly

(*Phoenicopterus chilensis*). Oral Presentation, 2015 Conference of the Association of Avian Veterinarians.

21. Sthay J, Cortés-Hinojosa G, Gardner A, Archer LL, Wellehan JFX. The Identification of Novel Herpesviruses and Adenoviruses from Seabirds. Oral Presentation, 2015 Conference of the Association of Avian Veterinarians.
22. Smith LN, de Wit M, Rotsetin DS, Francis-Floyd R, Walsh MT, Waltzek TB, Wellehan JFX, Gerhold R, Su C, Chapman AE. Disseminated Toxoplasmosis and serologic survey for *Toxoplasma gondii* in the wild Florida Manatee. Oral presentation, 2015 Florida Marine Mammal Health Conference.
23. Rotstein DS, Colegrove K, Habecker P, Howerth EW, Gottdenker N, St. Leger J, Bossart G, Goldstein T, DiGiovanni RA, McLellan WA, Philips KM, Waltzek TB, Wellehan JFX, Saliki JT, Nielsen O, Garron M, Mase-Guthrie B, Hohn A, Fougères E, Moore M, Fauquier D, Rowles TK, Northeast and Southeast Atlantic Marine Mammal Stranding Network. Pathologic findings from the 2013 Mid-Atlantic Dolphin Morbillivirus Unusual Mortality Event. Oral presentation, 2015 Florida Marine Mammal Health Conference.
24. Landrau-Giovanetti N, Brown L, Henriquez R, Archer LL, Cortés-Hinojosa G, Duignan PJ, Nielsen O, Rowles TK, Saliki JT, Stephens N, Wang J, West K, Wellehan JFX, Waltzek TB. Phylogenomic diversity of cetacean morbilliviruses. Oral presentation, 2015 Florida Marine Mammal Health Conference.
25. Cortés-Hinojosa G, Wellehan JFX, Ng TF, Delwart E, McCulloch SD, Goldstein JD, Schaefer AM, Fair PA, Reif JS, Bossart GD, Waltzek TB. Genomic characterization of two papillomaviruses in Indian River Lagoon Bottlenose Dolphins. Oral presentation, 2015 Florida Marine Mammal Health Conference.
26. Wellehan JFX, Nolan E, Keene JL, Archer LL, Rivera R, Bonde RK, Terrell SP. Characterization of a novel papillomavirus of Florida Manatee, *Trichechus manatus papillomavirus 2*. Oral presentation, 2015 Florida Marine Mammal Health Conference.
27. Rousselet E, de Wit M, Jasperse L, Stacy NI, Levin M, Dailey R, Walsh MT, Waltzek T, Wellehan JFX, De Guise S. Comparative study of the innate immunity and clinical pathology among two populations of the Florida Manatee, (*Trichechus manatus latirostris*) after the 2013 unusual mortality. Oral presentation, 2015 Florida Marine Mammal Health Conference.
28. Ferrante JA, Wellehan JFX. Baseline leukocyte cytokine levels in a subpopulation of healthy Florida manatees measured by quantitative PCR. Oral presentation, 2015 Florida Marine Mammal Health Conference.
29. Deming AC, Walsh M, Hunter M, Dailey R, Wellehan JFX, Stacy N. Getting the most information during health assessment, stranding response, and rehabilitation studies: optimizing sample collection for future molecular diagnostics and toxicology studies. Oral presentation, 2015 Florida Marine Mammal Health Conference.
30. Cortés-Hinojosa G, Doescher B, Kinsel MJ, Lednicky J, Waltzek T, Wellehan J. Coinfection with California sea lion adenovirus 1 and a novel polyoma virus in a Hawaiian monk seal (*Neomonachus schauinsandii*). Poster presentation, 2015 Florida Marine Mammal Health Conference.
31. Cortés-Hinojosa G, Gulland FMD, Wellehan JFX. A novel gammaherpesvirus discovered in Northern fur seals (*Callorhinus ursinus*) related to the carcinoma-associated Otarine HV1, phylogenetic analysis, and quantitative PCR surveillance. Poster presentation, 2015 Florida Marine Mammal Health Conference.
32. Farina LL, Steckler N, Krane G, Terrell SP, Grodi H, Waltzek T, Wellehan J. Ranaviral Infection in a group of African Spur-thighed Tortoises (*Centrochelys sulcata*). Oral presentation, 2015 Third International Symposium on Ranaviruses

33. Steckler N, Wellehan J, Frasca Jr S, Whittington R, Hick P, Becker J, Jaramillo D, Ariel E, Toffan A, Holopainen R, Jancovich J, Olesen NJ, Miller D, Polchana J, Kanchanakhan S, Waltzek T. Repeated detections of Ranavirus in Aquaculture and Development of Improved Molecular Tools. Oral presentation, 2015 Third International Symposium on Ranaviruses
34. Waltzek T, Steckler N, Subramaniam K, Thompson P, Wellehan J, Claytor SC, Whittington R, Hick P, Ariel E, Toffan A, Holopainen R, Jancovich J, Olesen NJ, Gray M, Miller D, Polchana J, Kanchanakhan S, Brunner J, Azarian T, Salemi M. Ranavirus Taxonomy and Phylodynamics. Oral presentation, 2015 Third International Symposium on Ranaviruses
35. Claytor SC, Brunner J, Gray M, Chinchar VG, Glenney G, Johnson A, Wellehan J, Azarian T, Salemi M, Steckler N, Subramaniam K, Waltzek T. Phylogeography of Frog Virus 3 in North America. Poster presentation, 2015 Third International Symposium on Ranaviruses
36. Subramaniam K, Waltzek T, Stacy NI, Grosset C, Wellehan J. Phylogenomic Characterization of Squamate Erythrocytic Iridoviruses. Poster presentation, 2015 Third International Symposium on Ranaviruses
37. Krane G, Steckler N, Cummings C, Waltzek T, Wellehan J, Farina L. Systemic Ranaviral Infection in an African Spurred (*Centrochelys sulcata*) Tortoise. Oral presentation, 2015 SouthEastern Veterinary Pathology Conference.
38. Wellehan, JFX. Infectious Diseases of Bearded Dragons. Oral presentation, 2015 North American Veterinary Conference.
39. Wellehan, JFX. The Forgotten Helminths: Pentastomids and Acanthocephalans. Oral presentation, 2015 North American Veterinary Conference.
40. Marschang R, Wellehan, JFX. Reptile Virology—Understanding It and How to Make It Profitable for Your Practice. Oral presentation, 2015 North American Veterinary Conference.
41. Wellehan, JFX. Emerging Infectious Diseases of Tortoises. Oral presentation, 2015 North American Veterinary Conference.
42. Wellehan, JFX. Box Turtle Medicine and Surgery. Oral presentation, 2015 North American Veterinary Conference.
43. Wellehan JFX. “Discovery of Novel Diseases and Co-infection” Oral Presentation, Workshop: Research and Management of Novel Infectious Diseases in Reptiles and Amphibians and the 21st annual Conference of The Wildlife Society, 2014.
44. Wellehan JFX. “Clinical Significance of Microbial Evolution and Ecology: Why you should give a crap about phylogenetic trees” Invited Oral Presentation, 2014 Conference of the American Association of Zoo Veterinarians.
45. Cortés-Hinojosa G, García-Parra C, Ferrante J, Garner M, Flanagan JP, Wellehan JFX. “Virus discovery work in marine iguanas (*Amblyrhynchus cristatus*) in association with an Unusual Mortality Event” Oral Presentation, 2014 Conference of the American Association of Zoo Veterinarians.
46. Cortés-Hinojosa G, Doescher B, Kinsel M, Lednicky J, Waltzek T, Wellehan JFX. “Coinfection with California sea lion adenovirus 1 and a novel polyoma virus in a Hawaiian monk seal” Poster Presentation, 2014 Conference of the American Association of Zoo Veterinarians.
47. Blum SA, Norton T, Deem S, Hall N, Fleming G, Wellehan JFX. “Development of a quantitative PCR assay for a novel testadenovirus in the box turtle, *Terrapene carolina*. Poster Presentation, 2014 Conference of the American Association of Zoo Veterinarians.

48. Ferguson SD, Stacy BA, Frasca S, Innis CJ, Childress AL, Wellehan JFX. "Development of a Quantitative PCR Diagnostic Test for a Novel Adrenal Coccidian Parasite of Leatherback Sea Turtles, *Dermochelys coriacea*." Poster Presentation, 2014 Conference of the American Association of Zoo Veterinarians.
49. Kunze PE, Cortés-Hinojosa G, Archer LL, Williams C, Wellehan JFX. Identification and Phylogenetic analysis of two novel *Microcebus murinus* herpesviruses and posterior qPCR assay development." Poster Presentation, 2014 Conference of the American Association of Zoo Veterinarians.
50. Fredholm DJ, Coleman J, Childress AL, Wellehan JFX. "Development of and validation of a novel Taqman qPCR for Agamid Adenovirus 1 in inland bearded dragons (*Pogona vitticeps*)." Oral Presentation, 2014 Conference of the Association of Reptile and Amphibian Veterinarians.
51. Emerson JA, Stacy NI, Coverdill CC, Cooke K, Wellehan JFX. Preservation of red blood cells in the American alligator (*Alligator mississippiensis*) over time and in two different anticoagulants. Oral Presentation, 2014 Conference of the Association of Reptile and Amphibian Veterinarians.
52. Standorf KJ, Garner MM, Koplos P, Wellehan JFX. Identification of a novel herpesvirus in a leopard tortoise coinfecting with intranuclear coccidia. Oral Presentation, 2014 Conference of the Association of Reptile and Amphibian Veterinarians.
53. Blum SA, Norton T, Deem S, Hall N, Fleming G, Wellehan JFX. "Development of a quantitative PCR assay for a novel testadenovirus in the box turtle, *Terrapene carolina*. Oral Presentation, 2014 Conference of the Association of Reptile and Amphibian Veterinarians.
54. Ferguson SD, Waltzek TB, Johnson AJ, Rice AD, Coleman J, Childress AL, Wellehan JFX. In Vitro Efficacy of Cidofovir and Acyclovir against Frog Virus 3. Oral Presentation, 2014 Conference of the Association of Reptile and Amphibian Veterinarians.
55. Brown LC, Krause KJ, Reavill DR, Coleman J, Childress AL, Wellehan JFX. "Characterization of a novel testadenovirus in a red-footed tortoise (*Chelonoidis carbonaria*)" Oral Presentation, 2014 Conference of the Association of Reptile and Amphibian Veterinarians.
56. Leonatti SR, Wellehan JFX. "Successful management of *Mycobacterium chelonae* infection in an inland bearded dragon (*Pogona vitticeps*)." Oral Presentation, 2014 Conference of the Association of Reptile and Amphibian Veterinarians.
57. Jacobson ER, Stenglein MD, Wozniak E, Kincaid A, Gordon M, Proter B, Baumgartner W, Stahl, S, Kelley K, Wellehan JFX, Towner J, DeRisi JL. "A novel emerging filamentous virus identified in collections of ball pythons (*Python regius*) with respiratory and oropharyngeal disease." Oral Presentation, 2014 Conference of the Association of Reptile and Amphibian Veterinarians.
58. Rotstein DS, Colegrove K, Coffee L, Habecker P, Howerth EW, Gottdenker N, St. Leger J, Bossart G, Goldstein T, DiGiovanni Jr. RA, McClellan WA, Phillips KM, Waltzek TB, Wellehan JFX, Saliki JT, Nielsen O, Garron M, Mase-Guthrie B, Hohn A, Fougères E, Moore M, Fauquier D, Rowles TK, Northeast and Southeast Atlantic Marine Mammal Stranding Network. 2013-2014 Mid-Atlantic Dolphin Morbillivirus (DMV) Marine Mammal Unusual Mortality Event. Oral Presentation, 2014 Conference of the American College of Veterinary Pathologists.
59. Fauquier D, Goldstein T, Colegrove K, Rotstein D, DiGiovanni RA, McClean W, Northeast and Southeast Atlantic Marine Mammal Stranding Network, Habecker P, Coffee L, Howerth EW, Gottdenker N, Bossart G, St. Leger J, Waltzek TB, Wellehan J, Saliki JT, Nielsen O, Garron M, Mase-Guthrie B, Rowles TK. Dolphin Morbillivirus Outbreak and the 2013-2014 Mid-Atlantic Bottlenose Dolphin (*Tursiops truncatus*) Unusual Mortality Event. Oral Presentation, 2014 Conference of the Wildlife Disease Association.

60. Wellehan JFX. Enfermedades emergentes en reptiles. Diagnóstico y terapéutica. 2014 Asociación Mexicana de Médicos Veterinarios Especializados in Animales de Zoológico, Exóticos, Y Silvestres. Playa del Carmen, Mexico, July 1-5, 2014.
61. Wellehan JFX. Enfermedades emergentes en aves silvestres y cautivas. 2014 Asociación Mexicana de Médicos Veterinarios Especializados in Animales de Zoológico, Exóticos, Y Silvestres. Playa del Carmen, Mexico, July 1-5, 2014.
62. Wellehan JFX. Enfermedades virales de felinos - Diagnóstico. 2014 Asociación Mexicana de Médicos Veterinarios Especializados in Animales de Zoológico, Exóticos, Y Silvestres. Playa del Carmen, Mexico, July 1-5, 2014.
63. Wellehan JFX. Enfermedades emergentes en mamíferos acuáticos. 2014 Asociación Mexicana de Médicos Veterinarios Especializados in Animales de Zoológico, Exóticos, Y Silvestres. Playa del Carmen, Mexico, July 1-5, 2014
64. Wellehan JFX. Ecology and Evolution of the Infectious Diseases of Snakes. Invited Oral Presentation, Experts Workshop on Improving Risk Assessments to Protect Endemic Jamaican Wildlife. Kingston, Jamaica, May 28-29, 2014.
65. Wellehan JFX, Childress AL, Berry K. Identification of a Novel Herpesvirus and a Novel *Mycoplasma* sp. in Samples from Translocated Wild Desert Tortoises. Oral Presentation, 2014 meeting of the California Desert Tortoise Council.
66. Wellehan JFX. A rational approach to infectious diseases in bats. Invited Oral Presentation, 2014 meeting of the Bat Taxon Advisory Group.
67. Waltzek TB, Saliki JT, Sanchez S, Goldstein T, Walsh M, Lednicky JA, Nielsen O, Wellehan JFX. (2014) Characterization of the 2013 Atlantic bottlenose dolphin morbillivirus epizootic. Oral Presentation, North Florida Marine Science Symposium, St. Augustine, FL (Jan. 16-17).
68. Cortes-Hinojosa G, Adkesson MJ, Cardenas-Alayza S, Seguel M, Paves H, Waltzek TB, Wellehan JFX. (2014) Adenoviral diversity and possible host jumps in a colony of South American fur seals (*Arctophoca australis*) and Humboldt penguins (*Spheniscus humboldti*). Oral Presentation, North Florida Marine Science Symposium, St. Augustine, FL (Jan. 16-17)
69. Ferrante JA, Archer LL, Cortes-Hinojosa G, Wellehan JFX. (2014) Development of a quantitative PCR assay for measurement of Trichechid herpesvirus 1 (TrHV1) load in the Florida manatee (*Trichechus manatus latirostris*). Oral Presentation, North Florida Marine Science Symposium, St. Augustine, FL (Jan. 16-17)
70. Wellehan JFX, Nolan E, Keene JL, Archer LL, Rivera R, Bonde RK, Terrell SP. Characterization of a novel papillomavirus of Florida manatees, *Trichechus manatus* Papillomavirus 2. (2014) Oral Presentation, North Florida Marine Science Symposium, St. Augustine, FL (Jan. 16-17)
71. Claytor SC, Waltzek TB, Wellehan JFX, Cameron-Devitt SE. (2014) Phylogeography of Frog Virus 3. Oral Presentation, North Florida Marine Science Symposium, St. Augustine, FL (Jan. 16-17)
72. Wellehan JFX, Hall NH, Fleming GJ, Blum S, Childress AL, Terrell SP. Coinfection with Multiple Infectious Agents in a Group of Confiscated Eastern Box Turtles. Oral presentation, 2013 Conference of the American Association of Zoo Veterinarians.
73. Cortés-Hinojosa Galaxia, Michael J. Adkesson, Susana Cárdenas-Alayza, Mauricio Seguel, Héctor Pavés, Thomas B. Waltzek, James F.X. Wellehan Jr. Adenoviral diversity and possible host jumps in a colony of South American fur seals (*Arctophoca australis*) and Humboldt penguins (*Spheniscus humboldti*). Oral Presentation, 45th Annual AAZV Conference. Salt Lake City, Utah. Year 2013

74. Norton TM, Williams C, Stedman N, Weidner E, Chatfield J, Wellehan J. Necrotic enterocolitis and typhlitis in lemurs. Oral presentation, 2013 Conference of the American Association of Zoo Veterinarians.
75. Cortés-Hinojosa G, Gulland FMD, Wellehan JFX. Phylogenetic analysis and quantitative PCR surveillance of a novel herpesvirus of northern fur seals (*Callorhinus ursinus*) related to the carcinoma-associated Otarine HV1. Oral Presentation, 2013 Conference of the Wildlife Disease Association.
76. Ferguson SD, Stacy BA, Frasca S Jr., Innis CJ, Childress AL, Wellehan JFX. Development of a qPCR assay for a novel coccidian parasite of leatherback sea turtles, *Dermodochelys coriacea*. Poster presentation, 2013 Meriel-NIH Veterinary Scholars Symposium.
77. Blum SA, Fleming GJ, Hall NH, Norton TM, Deem SL, Wellehan JFX. Development of a qPCR assay for a novel adenovirus in the box turtle, *Terrapene carolina*, and surveillance of wild and captive populations. Poster presentation, 2013 Meriel-NIH Veterinary Scholars Symposium.
78. Wellehan JFX, Hall NH, Fleming GJ, Childress AL, Terrell SP. Frog Virus 3 in Eastern Box Turtles: Agents seen with Coinfections. Oral presentation, (2013) Second international Ranavirus Symposium.
79. Ferguson SD, Johnson AJ, Waltzek TB, Rice AD, Wellehan JFX. In Vitro Efficacy of Cidofovir and Acyclovir against Frog Virus 3. Poster presentation, (2013) Second international Ranavirus Symposium.
80. Cortés-Hinojosa G, Gulland FMD, Wellehan JFX. Identification of a novel herpesvirus of northern fur seals (*Callorhinus ursinus*) related to the carcinoma-associated Otarine HV1, phylogenetic analysis, and quantitative PCR surveillance. Oral Presentation, 2013 Conference of the International Association for Aquatic Animal Medicine.
81. Cortés-Hinojosa G, Gulland FMD, Goldstein T, Venn-Watson S, Rivera R, Wellehan JFX. The genome of California sea lion adenovirus 1 and diagnostic testing of pinnipeds using quantitative PCR. Oral Presentation, 2013 Conference of the International Association for Aquatic Animal Medicine.
82. Waltzek TB, Wellehan JFX, Cortés-Hinojosa G, Ng TF, Delwart E, McCulloch SD, Goldstein JD, Schaefer AM, Fair PA, Relf JS, Bossart GD. Exploring the Indian River Bottlenose Dolphin Virome. Oral Presentation, 2013 Conference of the International Association for Aquatic Animal Medicine.
83. Pelton CA, Boylan S, Stacy N, McIntosh A, Walsh M, Ranly M, Wellehan JFX. The Use of Triazinones for the Treatment of Coccidia Morphologically Resembling *Caryospora cheloniae* in Green Sea Turtles (*Chelonia mydas*). Oral Presentation, 2013 Conference of the International Association for Aquatic Animal Medicine.
84. Coisman JG, Walsh MT, Wellehan J, Ellison GW, Jensen ED, Hendrickson DA, Dold C. Looking Through the Portal: Laparoscopy in Small Cetaceans. Oral Presentation, 2013 Conference of the International Association for Aquatic Animal Medicine.
85. Ferrante JA, Archer LL, Cortés-Hinojosa G, Stacy NI, Wellehan JFX. Development of a Quantitative PCR Assay for Measurement of Trichechid Herpes Virus 1 (TrHV1) Load in the Florida Manatee (*Trichechus manatus latirostris*). Poster Presentation, 2013 Conference of the International Association for Aquatic Animal Medicine.
86. Jones CE, Stacy NI, Wellehan JFX, Stacy BA, Norton TM, Innis CJ, Nelson S, Keller JM, Arendt M, Segars A, Hernandez JA. Diagnostic Performance of Plasma Uric Acid, Magnesium and Other Biochemical Parameters in the Diagnosis of Renal Insufficiency in Sea Turtles. Poster Presentation, 2013 Conference of the International Association for Aquatic Animal Medicine.
87. Wellehan, JFX. Infectious Disease Diagnostics in Reptiles. Invited oral presentation, University of California, Davis Avian and Exotic Medicine Club 28th Annual Symposium, March 2013.

88. Wellehan, JFX. Virology of Non-Avian Reptiles. Invited oral presentation, University of California, Davis Avian and Exotic Medicine Club 28th Annual Symposium, March 2013.
89. Wellehan, JFX. Select Bacterial/Fungal/Parasitic Diseases in Non-Avian Reptiles. Invited oral presentation, University of California, Davis Avian and Exotic Medicine Club 28th Annual Symposium, March 2013.
90. Wellehan, JFX. Using molecular technology to determine causes of new disease syndromes. Invited Oral presentation, Ring-tailed Lemur (*Lemur catta*) Gastrointestinal Disease Workshop on St. Catherine's Island, Georgia November 15-17, 2012.
91. Cortés-Hinojosa G, Standorf K, Gulland FMD, Goldstein T, Venn-Watson S, Rivera R, Gray GC, Wellehan JFX. Bottlenose Dolphin Adenovirus 1 and California Sea Lion Adenovirus 1: Genome Characterization and Development of qPCR Testing. Oral presentation, 2012 Conference of the American Association of Zoo Veterinarians.
92. Alvarez WA, Gibbons PM, Rivera S, Archer LL, Childress AL, Wellehan JFX. Development of a quantitative PCR for rapid and sensitive diagnosis of an intranuclear coccidian parasite in Testudines (TINC), and identification of TINC in the critically endangered Arakan Forest Turtle (*Heosemys depressa*). Oral presentation, 2012 Conference of the American Association of Zoo Veterinarians.
93. Brock AP, Gallagher AE, Stockdale Walden HD, Owen JL, Dunbar MD, Wamsley HL, Schoeller AB, Childress AL, Wellehan JFX. *Kiricephalus coarctatus* in an Eastern indigo Snake (*Drymarchon couperi*); Endoscopic Removal, Identification, and Phylogeny. Oral presentation, 2012 Conference of the American Association of Zoo Veterinarians.
94. Wellehan, JFX, Childress, AL, Schneider R, Funk R. Identification of Helodermatid Adenovirus 2 in a captive central bearded dragon (*Pogona vitticeps*) in the United States. Oral presentation, 2012 Conference of the Association of Reptile and Amphibian Veterinarians.
95. Wellehan, JFX. Infectious Disease Diagnostics. Oral presentation, 2012 Conference of the Association of Reptile and Amphibian Veterinarians.
96. Waltzek, TB, Reavill D, Kelleher S, Diaz S, Rice A, Maness H, Wellehan JFX. Characterization of a Novel Poxvirus from an Argentine Tegu (*Tupinambis merinae*). Oral presentation, 2012 Conference of the Association of Reptile and Amphibian Veterinarians.
97. Deming AC, Wellehan JFX, Rivera S, Childress AL, Archer L. Development of a qPCR assay for Sulawesi tortoise adenovirus 1. Oral presentation, 2012 Conference of the Association of Reptile and Amphibian Veterinarians.
98. Wellehan, JFX. Potential Oncogenic Viruses in Marine Mammals. Invited oral presentation, Sea Lion Cancer Consortium, Sept 12-14, 2012.
99. Garner MM, Van Buer K, Agnew DW, Wellehan JFX JR. Fatal enteritis associated with a Novel Atadenovirus Infection in Lorikeets. 2012 Conference of the Association of Avian Veterinarians.
100. Wellehan, JFX. Viruses and Marine Mammals. Invited oral presentation, 2012 Florida Marine Mammal Health Conference.
101. Cortés-Hinojosa G, Standorf K, Gulland FMD, Gulland FMD, Goldstein T, Venn-Watson S, Rivera R, Gray GC, Wellehan JFX. Characterization of Otarine Adenovirus 1 and Bottlenose Dolphin Adenovirus 1. Oral Presentation, 2012 Conference of the International Association for Aquatic Animal Medicine.

102. Rivera R, Venn-Watson S, Gomez F, Nollens HH, Yochem PK, Wellehan JFX. Characterization and Epidemiological Assessment of the First Two Picobirnaviruses of California Sea Lions. Oral Presentation, 2012 Conference of the International Association for Aquatic Animal Medicine.
103. Wellehan, JFX Wildlife Rehabilitation and Pathogen Discovery Invited oral presentation, 2011 Conference of the Florida Wildlife Rehabilitators Association.
104. Wellehan, JFX. Understanding Infectious Disease Diagnostics in Zoological Medicine. Invited oral presentation, 2011 Conferencia Internacional de AMMVEZOO, AC, Universidad Nacional Autonoma de Mexico.
105. Wellehan, JFX. Clinical Aspects of Evolution and Zoological Medicine. Invited oral presentation, 2011 Conferencia Internacional de AMMVEZOO, AC, Universidad Nacional Autonoma de Mexico.
106. Wellehan, JFX. Marine Mammal Virology. Invited oral presentation, 2011 Conferencia Internacional de AMMVEZOO, AC, Universidad Nacional Autonoma de Mexico.
107. Wellehan, JFX. Virology of Reptiles (including Birds). Invited oral presentation, 2011 Conferencia Internacional de AMMVEZOO, AC, Universidad Nacional Autonoma de Mexico.
108. Wellehan, JFX. Bacteriology of Reptiles (including birds). Invited oral presentation, 2011 Conferencia Internacional de AMMVEZOO, AC, Universidad Nacional Autonoma de Mexico.
109. Wellehan JFX, Venn-Watson S, Yochem PK, St. Leger J, Wells R, Rivera R. Epidemiology of Bottlenose Dolphin Astroviruses: Multi-Population Surveys for Presence of Antibodies and Virus. Oral Presentation, 2011 Conference of the International Association for Aquatic Animal Medicine.
110. Erlacher-Reid CD, Stamper AM, Gallagher AE, Reese DJ, Brock AP, Wellehan JFX. The Use of Marsupialization and Endoscopy to Examine and Confirm a Case of Complete Colonic Stricture in a Wild Stranded Green Sea Turtle (*Chelonia mydas*). Oral Presentation, 2011 Conference of the International Association for Aquatic Animal Medicine.
111. Waltzek TB, Cortés-Hinojosa G, Wellehan JFX, Walsh MT, Stott JL, Heil, GL, Gray GC. US National Surveillance for Influenza Viruses Among Marine Mammals. Oral Presentation, 2011 Conference of the International Association for Aquatic Animal Medicine.
112. Maness HTD, Nollens HH, Nielsen O, Matassa K, Wellehan JFX. Isolation and Phylogenetic Analysis of Two Pinniped Poxvirus Isolates. Oral Presentation, 2011 Conference of the International Association for Aquatic Animal Medicine.
113. Rivera R, Venn-Watson S, Gulland F, St. Leger J, Yochem PK, Nollens HH, Wellehan JFX. Characterization of Otariid Herpesvirus 3 in Pinnipeds and its Detection in California Sea Lions (*Zalophus californianus*) Using Quantitative PCR. Oral Presentation, 2011 Conference of the International Association for Aquatic Animal Medicine.
114. Phillips BE, Venn-Watson S, Archer LL, Nollens HH, Wellehan JFX. Investigation of Bottlenose Dolphins (*Tursiops truncatus*) for HFE Gene-Related Hemochromatosis. Oral Presentation, 2011 Conference of the International Association for Aquatic Animal Medicine.
115. Gomez F, Smith CR, Rivera R, Wellehan JFX, Meegan J, Jensen E, Hall A, Vinje J, Fitzgerald C, Venn-Watson S. Diarrheal Epizootics Among California Sea Lions (*Zalophus californianus*): Lessons Learned About Diagnostics, Quarantine, and Public Health. Oral Presentation, 2011 Conference of the International Association for Aquatic Animal Medicine.
116. Wellehan, JFX. Clinical Aspects of Evolution and Reptile Infectious Disease. Oral presentation, 2010 Conference of the Association of Reptile and Amphibian Veterinarians.

117. Wellehan, JFX, Rivera R, Venn-Watson SK, Robles R, Nollens HH. Recent Developments in Marine Mammal Virus Discovery. Oral presentation, 2010 Conference of the American Association of Zoo Veterinarians.
118. Quesada RJ, Heard DJ, Aitken-Palmer C, Hall N, Childress AL, Conley C, Wellehan JFX. Detection and characterization of a novel herpesvirus from the trachea of two common loons (*Gavia immer*). Oral presentation, 2010 Conference of the American Association of Zoo Veterinarians.
119. Gardner AL, Schneider RM, Wellehan JFX. Astrovirus-associated disease in orphaned grey squirrels (*Sciurus carolinensis*). Oral presentation, 2010 Conference of the American Association of Zoo Veterinarians.
120. Wellehan, JFX. Molecular Diagnostics in Testudines. Oral Presentation, 2010. 8th Annual Symposium on the Conservation and Biology of Tortoises and Freshwater Turtles.
121. Praschag P, Gibbons P, Boyer T, Wellehan J, Garner M. An outbreak of intranuclear coccidiosis in *Pyxis* spp. Tortoises. Oral Presentation, 2010. 8th Annual Symposium on the Conservation and Biology of Tortoises and Freshwater Turtles.
122. Wellehan, JFX, Colegrove KM, Rivera R, Archer LL, Benham C, Muller JK, Gulland FMD, St. Leger J, Venn-Watson S, Nollens H. California Sea Lion Polyomavirus in wild populations: Expansion of the known host range of the Polyomaviridae to Carnivora. Oral Presentation, 2010 Conference of the International Association for Aquatic Animal Medicine.
123. Deming AC, Wellehan JFX, Archer L, Venn-Watson S, Nollens HH. Investigation of the diversity of bottlenose dolphin (*Tursiops truncatus*) signaling lymphocyte activation molecule (SLAM), the morbillivirus entry site. Oral presentation, 2010 Conference of the International Association for Aquatic Animal Medicine.
124. Nollens H, Robles-Sikisaka R, Wellehan J, Rivera R, Brodsky M, St. Leger J. The role of papillomaviruses and gammaherpesvirus in the formation of oral and genital papillomas in bottlenose dolphins (*Tursiops truncatus*). Oral presentation, 2010 Conference of the International Association for Aquatic Animal Medicine.
125. Robles-Sikisaka R, Wellehan J, Rivera R, Burchell J, St. Leger J, Brodsky M, Nollens H. Papillomaviruses in bottlenose dolphins (*Tursiops truncatus*)- characterization of four novel genomes and study of multiple genotype infections. Oral presentation, 2010 Conference of the International Association for Aquatic Animal Medicine.
126. Daniel HT, Nollens HH, Jensen ED, Goldstein T, LaMere SA, Childress AL, Sykes JM, St. Leger J, Lacave G, Latson E, Wellehan JFX. Phylogenetic analysis of marine mammal herpesviruses. Oral presentation, 2010 Conference of the International Association for Aquatic Animal Medicine.
127. Rivera R, Hoffman EM, Robles-Sikisaka R, Stacy B, Wellehan JFX, Jensen E, Nollens H. Characterization of a novel papillomavirus in a California sea lion (*Zalophus californianus*). Oral presentation, 2010 Conference of the International Association for Aquatic Animal Medicine.
128. Robles-Sikisaka R, Wellehan J, Rivera R, Venn-Watson S, St. Leger J, Nollens H. Characterization of novel circular viruses from bottlenose dolphin (*Tursiops truncatus*). Poster presentation, 2010 Conference of the International Association for Aquatic Animal Medicine.
129. Wellehan, JFX, Venn-Watson S. Emerging Pathogens and Conditions in Marine Mammals. Oral presentation, 2010 National Marine Animal Health and Stranding Network Conference.

130. Wellehan, JFX. Viral infections and Infectious Disease Diagnostics: Current State in Marine Mammal Medicine. Oral presentation, 2010 Navy Marine Mammal Program Clinical Research Workshop.
131. Wellehan, JFX. Molecular Diagnostics in Reptiles- What, Why, How, Where, When? Oral presentation, 2010 North American Veterinary Conference.
132. Aitken-Palmer C, Wellehan J, Childress AL, Chang L-W. Real-time PCR assessment of biosecurity methods for a reptile reovirus. Oral presentation, 2009 Conference of the American Association of Zoo Veterinarians.
133. Garner MM, Farina LL, Wellehan JFX, Chang LW, Childress AL, Miller LA, Nordhausen RW, Pearson M. Reovirus-Associated Syncytial Cell Enteropathy and Hepatopathy in Leopard Geckos, *Eublepharus macularius*. Oral presentation, 2009 Conference of the Association of Reptile and Amphibian Veterinarians.
134. Innis CJ, Garner MM, Wellehan JFX, Childress A, Schumacher V, Risatti G, Frasca S. Post-mortem detection of Sulawesi tortoise adenovirus-1 in two impressed tortoises (*Manouria impressa*) and a Burmese star tortoise (*Geochelone platynota*). Oral presentation, 2009 Conference of the Association of Reptile and Amphibian Veterinarians.
135. Wellehan JFX, Rivera R, Venn-Watson S, Smith C, Jensen ED, Gulland FMD, Nollens HH. Detection, Diversity, and Evolution of Marine Mammal Astroviruses. Oral Presentation, 2009 International Conference in Veterinary Virology.
136. Wellehan JFX, Rivera R, Venn-Watson S, LaMere SA, Archer LL, Jensen ED, Noke-Durden W, Stolen M, St. Leger J, Nollens HH. Characterization of a retrovirus of bottlenose dolphins (*Tursiops truncatus*). Oral Presentation, 2009 Conference of the International Association for Aquatic Animal Medicine.
137. Rivera R, Wellehan JFX, Venn-Watson S, Jensen E, Carlin KP, Gulland FMD, Wells RS, St. Leger J, Stolen M, Noke Durden W, Nollens H. Detection, diversity, and epidemiology of marine mammal astroviruses. Oral Presentation, 2009 Conference of the International Association for Aquatic Animal Medicine.
138. Wellehan JFX. Viruses of Marine Mammals and Sea Turtles: Evolution, Recent Developments, Clinical Relevance, and What to Expect Next. 2009 Northeast Stranding Network Symposium.
139. Wellehan JFX, Strik NI, Stacy BA, Childress AL, Jacobson ER, Telford SR. An overview of Erythrocytic Iridoviruses in reptiles and first molecular characterization of an Erythrocytic Iridovirus. Oral presentation, 2008 Joint session of the conferences of the American Association of Zoo Veterinarians and the Association of Reptile and Amphibian Veterinarians.
140. Atkins A, Wellehan JFX, Childress AL, Archer LL, Fraser WA, Citino SB. Astroviral diarrhea in a group of captive cheetah (*Acinonyx jubatus*): description of a novel viral pathogen. Poster presentation, 2008 Conference of the American Association of Zoo Veterinarians.
141. Kapustin N, Wellehan JFX. Assessment of fecal viral shedding as an adjunct diagnostic test during quarantine of snakes. Oral presentation, 2008 Conference of the American Association of Zoo Veterinarians.
142. Rivera S, Wellehan JFX, McManamon R, Diaz-Figueroa O, Frasca Jr S, Garner MM, Gregory CR, Innis CJ, Latimer KS, Marlar AB, Nyaoke A, Raphael BL, Risatti GR. An epizootic in Sulawesi tortoises (*Indotestudo forstenii*) caused by a novel *Siadenovirus*. Oral presentation, 2008 Conference of the American Association of Zoo Veterinarians.

143. Perpiñan D, Garner MM, Wellehan JFX, Armstrong DL. Investigation of an infectious disease outbreak in budgerigars (*Meropsittacus undulatus*). Oral presentation, 2008 Conference of the Association of Reptile and Amphibian Veterinarians.
144. Wellehan JFX, Archer LL, Pessier AP, Jacobson ER, Tesh RB. An overview of the rhabdoviruses of reptiles. Oral presentation, 2008 Conference of the Association of Reptile and Amphibian Veterinarians.
145. Wellehan JFX. Molecular techniques used to diagnose disease in herpetofauna. Oral Presentation, 2008 Gopher Tortoise Council Meeting.
146. Wellehan JFX. Viral diseases in herpetofauna. Oral Presentation, 2008 Gopher Tortoise Council Meeting.
147. Wellehan JFX, Venn-Watson S, Jensen E, Farmerie WG, Nollens H. Characterization of San Miguel Sea Lion Virus populations using pyrosequencing-based methods. Oral Presentation, 2008 Conference of the International Association for Aquatic Animal Medicine.
148. Wellehan JFX, Stacy BA, Frasca S, Innis CJ. Molecular characterization of a novel coccidian parasite associated with adrenal gland lesions in leatherback turtles (*Dermochelys coriacea*). Oral Presentation, 2007 Conference of the American Association of Zoo Veterinarians.
149. Wellehan JFX. Basics of Invertebrate Medicine. Oral presentation, 2007 Wild West Veterinary Conference.
150. Wellehan JFX. Reptile Virology. Oral presentation, 2007 Wild West Veterinary Conference.
151. Wellehan JFX. Reptile Parasitology. Oral presentation, 2007 Wild West Veterinary Conference.
152. Wellehan JFX. An Overview of Lizard Species. Oral presentation, 2007 Wild West Veterinary Conference.
153. Wellehan JFX. Understanding Diagnostic Testing in Reptiles. Oral presentation, 2007 Wild West Veterinary Conference.
154. Wellehan JFX. Reptiles for the General Practitioner. Oral presentation, 2007 Wild West Veterinary Conference.
155. Wellehan JFX, Castro L, Strik NI, Sincage J, Fleming GJ. Biochemical and cytological evaluation of haemolymph from three chelicerate species. Oral presentation, 2007 Conference of the Association of Reptile and Amphibian Veterinarians.
156. Stacy BA, Wellehan JFX, Brookins MD, and Jacobson ER, Foley A, Coberley S, Manire CA, Mettee NS, Garner MM. Two novel herpesviruses associated with disease in Atlantic loggerhead turtles (*Caretta caretta*). Oral presentation, 2007 Conference of the International Association of Aquatic Animals
157. Wellehan JFX, Johnson AJ, Marschang RE, Roberts JF, Vickers ML, Childress A, Jacobson ER. Nested PCR amplification and sequencing of diverse reptile reoviruses. Oral presentation, 2006 Conference of the American Association of Zoo Veterinarians.
158. Wellehan JFX, Johnson AJ, Childress A, Isaza R. Identification of two novel herpesviruses associated with ocular inflammation in Asian elephants (*Elephas maximus*). Oral presentation, 2006 Conference of the American Association of Zoo Veterinarians.
159. Wellehan JFX, Johnson AJ, Childress A, Jacobson ER. Infectious disease diagnostics for the clinician. Oral presentation, 2006 Conference of the Association of Reptile and Amphibian Veterinarians.

160. Garner MM, Wellehan JFX, Nordhausen RW. Adenovirus infection in 7 snakes. Oral presentation, 2006 Conference of the Association of Reptile and Amphibian Veterinarians.
161. Wellehan JFX, Gunkel CI, Kledzik DC, Robertson SA, Heard DJ. Nerve blocks in reptiles using a nerve locator. Oral presentation, 2005 Conference of the Association of Reptile and Amphibian Veterinarians.
162. Wellehan JFX, Johnson AJ, Roberts JF, Vickers ML, Childress A, Jacobson ER. Nested PCR amplification and sequencing of a reptile reovirus associated with disease in Mojave rattlesnakes (*Crotalus scutulatus*). Oral presentation, 2005 Conference of the Association of Reptile and Amphibian Veterinarians.
163. Wellehan JFX. Reptile medicine for the emergency clinician: Things that slither in the night. Oral presentation, 2005 North American Veterinary Conference
164. Wellehan JFX. Emerging trends in herpetoculture: New species, their husbandry and medicine. Oral presentation, 2005 North American Veterinary Conference
165. Wellehan JFX. Infectious disease diagnostics in reptiles: What do they mean? Oral presentation, 2005 North American Veterinary Conference
166. Wellehan JFX. Reptile virology for the clinician. Oral presentation, 2005 North American Veterinary Conference
167. Wellehan JFX. Catheter placement in lizards and crocodylians. Oral presentation, 2005 North American Veterinary Conference.
168. Wellehan JFX. Vacuum-assisted closure of wounds in turtles and tortoises. Oral presentation, 2005 North American Veterinary Conference
169. Wellehan JFX, Johnson AJ, Roberts JF, Vickers ML, Childress A, Jacobson ER. Nested PCR amplification and sequencing of a reptile reovirus associated with disease in Mojave rattlesnakes (*Crotalus scutulatus*). Poster presentation, 2004 Joint conference of the American Association of Zoo Veterinarians and the Wildlife Disease Association.
170. Heard DJ, Terrell S, Wellehan J, Scott K, Hall J, Hill R. Abnormal tooth loss in a captive crocodylian collection. Oral presentation, 2004 Joint conference of the American Association of Zoo Veterinarians and the Wildlife Disease Association.
171. Johnson AJ, Wellehan JFX, Pessier AP, Norton T, Belzer WR, Brooks JR, Wagner R, Stedman NL, Spratt J, Jacobson ER. Iridovirus infections of turtles and tortoises. Oral presentation, 2004 Joint conference of the American Association of Zoo Veterinarians and the Wildlife Disease Association.
172. Wellehan JFX, Johnson AJ, Latimer KS, Bischoff K, Lafortune M, and Jacobson ER. Characterization of an adenovirus associated with fatal hepatitis in a Meyer's parrot (*Poicephalus meyeri*). Oral presentation, 2004 Conference of the Association of Avian Veterinarians. Winner, Resident Manuscript competition.
173. Wellehan JFX, Turenne C, Heard DJ, Detrisac CJ, O'Kelley JJ. *Dermatophilus chelonae* in a king cobra (*Ophiophagus hannah*). Oral presentation, 2004 Conference of the Association of Reptile and Amphibian Veterinarians.
174. Farina LL, Heard DJ, LeBlanc D, Wellehan JFX, Detrisac CJ. Iron storage disease in captive Egyptian fruit bats (*Rousettus aegyptiacus*). Oral presentation, 2003 Conference of the American Association of Zoo Veterinarians.

175. Lafortune M, Wellehan JFX, Jacobson ER, Troutman JM, Gebhart CJ, Thompson MS. Diagnosis and treatment of *Lawsonia intracellularis* proliferative enteritis in a young Japanese macaque (*Macaca fuscata*). Oral presentation, 2003 Conference of the American Association of Zoo Veterinarians.
176. Wellehan JFX, Jarchow J, Reggiardo C, and Jacobson ER. A novel herpesvirus associated with hepatic necrosis in a San Esteban Chuckwalla (*Sauromalus varius*). Oral presentation, 2003 Joint session of the conferences of the American Association of Zoo Veterinarians and the Association of Reptile and Amphibian Veterinarians.
177. Wellehan, JFX, Johnson AJ, Jacobson ER, Harrach B, Benko M, Tucker SJ, and Johnson CM. Nested PCR amplification and sequencing of reptile adenoviruses. Oral presentation, 2003 Conference of the Association of Reptile and Amphibian Veterinarians.
178. Wellehan, JFX, Johnson AJ, Jacobson ER, Heard DJ, Nichols DK, and Kapur V. Novel herpesviruses associated with stomatitis in lizards. Oral presentation, 2003 Conference of the Association of Reptile and Amphibian Veterinarians.
179. Wellehan JFX. Avian Orthopedics. Oral presentation, 2003 Conference of the Florida Veterinary Medical Association.
180. Wellehan JFX. Viral Diseases of Reptiles. Oral presentation, 2003 Conference of the Florida Veterinary Medical Association.
181. Wellehan JFX. Basics of Reptile Husbandry. Oral presentation, 2003 Conference of the Florida Veterinary Medical Association.
182. Wellehan JFX, Zens MS, Fusco PJ, Amonsin A, Calsamiglia M, and Kapur, V. Fluoroquinolone resistant *Mycoplasma gallisepticum* from enrofloxacin treated house finches (*Carpodacus mexicanus*). Oral presentation, 1999 Conference of the Wildlife Disease Association.
183. Wellehan JFX. Reptile and amphibian wildlife medicine in Minnesota. Invited oral presentation, 1999 Conference of the Minnesota Wildlife Rehabilitator's Association.
184. Wellehan JFX, Zens, MS, and Kapur, V. Conjunctivitis in an American crow (*Corvus brachyrhynchos*) associated with *Mycoplasma sturni*. Poster presentation, 1997 Conference of Research Workers in Animal Diseases.
185. Wellehan JFX, Zens, MS, Fusco, PJ, and Kapur, V. Conjunctivitis in house finches (*Carpodacus mexicanus*) associated with *Mycoplasma gallisepticum* in Minnesota: diagnosis and evaluation of treatment. Poster presentation, 1997 Conference of Research Workers in Animal Diseases.
186. Wellehan JFX, Kapur V. Identification of virulence genes in avian *Escherichia coli*. Poster presentation, 1997 AVMA convention.
187. Wellehan JFX. *Mycoplasma gallisepticum* in house finches in Minnesota. Invited oral presentation, 1997 Conference of the Minnesota Wildlife Rehabilitator's Association.
188. Wellehan JFX, Clapper-Rentz L. Running a songbird nursery. Invited oral presentation, 1997 Conference of the Minnesota Wildlife Rehabilitator's Association.

PROFESSIONAL MEMBERSHIPS

American College of Zoological Medicine

American College of Veterinary Microbiologists

European College of Zoological Medicine

Wildlife Disease Association

American Association of Zoo Veterinarians

Association of Reptile and Amphibian Veterinarians

Evidence-Based Veterinary Medicine Association

HOBBIES

Spending time with my wife and two children, Backpacking, Skiing, Bird watching, Dragonfly watching, my Lizards, Tortoises, Chelicerates, Cats, and Guitar, Mandolin, Harmonica, and any other available musical instruments