

Curriculum Vitae

Michael M. Garner, DVM, Dipl. ACVP

Northwest ZooPath
654 W. Main St.
Monroe, WA 98272
Phone: (360) 794-0630
Fax: (360) 794-4312
E-mail: mikeg@zoopath.com
Zoopath1@gmail.com
www.zoopath.com

EDUCATION

- October, 1994 Diplomate, American College of Veterinary Pathologists
- September 1993-
August 1994 Phoenix Central Laboratory, Everett, WA (private diagnostic laboratory)
Third year of residency training in anatomic pathology
- July 1991-
June 1993 University of Florida, College of Veterinary Medicine, Gainesville, FL
Residency training program in anatomic pathology
- March 1993 Armed Forces Institute of Pathology, Washington, D.C., one month externship
- May 1987 Washington State University, Pullman, WA, Doctorate in Veterinary Medicine
- August 1982 Washington State University, Pullman, WA, BS, Bacteriology and Public Health

PROFESSIONAL ASSOCIATIONS

- November 1994-
Current Founded Northwest ZooPath, consultation firm
Consulting Pathologist (through 2010): Approximately 95 U.S. Zoos, Wildlife Centers
and Universities, and approximately 200 national private veterinary clinics
- 1998-Current Adjunct Associate Professor, Department of Microbiology and Pathology, College of
Veterinary Medicine, Washington State University
- September 1993-
2018 Consultant: Phoenix Central Laboratory, Everett, WA
- November 2013 Consultant: ARUP Laboratories, Salt Lake City, UT
- 2018-Current Consultant: General Medical Laboratory, Antwerp, Belgium
- July 1987-
May 1991 Covington Veterinary Hospital, Kent, WA (companion/exotic animal practice)

NORTHWEST ZOOPATH TRAINING PROGRAMS

- Founded in 2000 Northwest ZooPath Residency Training Program
Latin America Outreach Program: residency training in anatomic pathology
Carlos Juan Sallés, DVM, DACVP, 2000-2002
David Espinosa, MVZ, 2004-2006
- Founded in 1996 Northwest ZooPath Externship Program
Drury Reavill, Sacramento, CA. January-February, 1996
Volker Schmidt, (Germany), August 2003
Arely Rosas-Rosas (Mexico), October 2005
Russell Moore (Purdue University), March 2006
Jamie Weisman (University of Georgia), June 2006
Marcia Periera (Brazil-National Zoo), Washington DC, July 2006
Linda Tjhin (Indonesia), October 2006
Sally Davis (North Carolina State U.) November 2006
Victor Javier (Peru), January 2007
Erni Zulistiwati (Indonesia), November 2007
Ana Perez (Spain), March 2008
Maria, Mondragon (Mexico) January-February 2009
Juan Francisco Muñoz Gutiérrez (Mexico), March-April, 2009
Axel Dubois (Belgium), August, 2009
Ester Gizela Martinez-Romero (Mexico), Feb-March, 2010
Ester Gizela Martinez-Romero (Mexico), Feb-March, 2011
Elise LaDoucuer, Tufts U. 3/18-4/7; 4/28-5/5, 2012
Hugues Beaufreere, LSU/France, May 21-26, 2012
Shannon McCook, Tufts U. 2/15-3/15, 2013
Mari-Ann Da Silva, (PhD study), Denmark 3/16-6/1, 2013
Laura Laverde, Colombia, 6/5-7/31, 2013
Omar Gonzales, Peru, 1/6-2/6, 2014
Karina Fresnida, Argentina, 2/6-3/6, 2014
Helena Katz, Uruguay, 3/7-4/29, 2014
Joaquin Ortega, Spain, February-April January, 2015
Yi-Hsin Lai, Taiwan, January-February, 2016
Irene Claudia Lopez, Chile – February –March, 2016
Jeann Leal de Araujo, Brazil – January, 2017

UNIVERSITY AND RESIDENCY TEACHING CONTRIBUTIONS

- April 3-6, 2019 Washington State University, College of Veterinary Medicine
Gross and histopathology Seminars
- March 23-30, 2019 St. George's University School of Veterinary Medicine, Granada
Reptile Gross Lesion Recognition
Small Mammal Gross Lesion Recognition
- March 15, 2019 Ohio State University – Columbus Zoo Rounds
- Oct 28-Nov 4, 2018 Ross University School of Veterinary Medicine, St.Kitts
Role of the Zoo Pathologist
Gross Lesion Recognition (Fish, Amphibians, Reptiles, Birds, Small Mammals)
- May 23-25, 2018 Davis-Thompson Foundation Day Seminar
Faculty of Veterinary Medicine, University of Belgrade
Neoplasia of Captive Zoo Felids
Diseases of Reptiles
Diseases of Birds

Diseases of Primates

- May 20-23, 2019 Davis-Thompson Foundation Day Seminar
University of Thessaloniki
Neoplasia of Captive Zoo Felids
Diseases of Reptiles
Diseases of Birds
Diseases of Guinea Pigs and Rabbits
- April 26-27, 2018 Washington State University, College of Veterinary Medicine
Gross and histopathology Seminars
- April 12-14, 2017 Washington State University, College of Veterinary Medicine
Gross and histopathology Seminars
- April 5, 2016 Cornell University, College of Veterinary Medicine
19th Zoo Pathology Seminar (Moderator)
Role of the Zoo Pathologist
- March, 2016 Washington State University, College of Veterinary Medicine
Gross and histopathology Seminars
- Oct 28, 2015 Joint pathology Center, Department of Defense
Gross pathology seminars
Wednesday Slide conference (Moderator)
- March 26-27, 2015 Washington State University, College of Veterinary Medicine
Gross and histopathology Seminars
- April 16-18, 2014 Washington State University, College of Veterinary Medicine
Gross and histopathology Seminars
Seminar: Does *Macrorhabdus ornithogaster* Predispose Budgerigars to Proventricular Adenocarcinoma?
- April 21-23, 2014 University of Florida, College of Veterinary Medicine
Histopathology Seminar
Seminar: Does *Macrorhabdus ornithogaster* Predispose Budgerigars to Proventricular Adenocarcinoma?
Essential Gross Lesion Recognition for the Exotic Species Practitioner (lecture)
- Nov. 4-5, 2014 Joint pathology Center, Department of Defense
Gross pathology seminars
Wednesday Slide conference (Moderator)
- March 27-29, 2013 Washington State University, College of Veterinary Medicine
Gross and histopathology Seminars
- April 22-24, 2013 University California, Davis, School of Veterinary Medicine
Gross and histopathology Seminars
The Role of the Zoo Pathologist (lecture)
- November 14, 2013 Webinar: Ferret Diseases: Not Everything is Adrenal and Pancreas. Sponsored by IDEXX
- April 26-27, 2012 Washington State University, College of Veterinary Medicine
Gross and histopathology Seminars

Sept. 18-19, 2012 University of Florida, College of Veterinary Medicine
Diseases of primates
An update on avian coxiellosis (faculty seminar)
Necrosuppurative polyarthritis associated with a novel poxvirus infection in big brown bats. (faculty seminar)

November 2, 2011 Department of Defense, Joint Pathology Center, Forest Glen, Maryland
Wednesday Slide Conference (moderator)

February 24, 2011 Washington State University, college of Veterinary Medicine
Resident gross and histopathology seminars
Clinico-pathologic features of selected diseases of bearded dragons (pogona vitticeps)

September, 2010 Armed Forces Institute of Pathology
Wednesday Slide Conference, Moderator

September, 2010 University of Florida, College of Veterinary Medicine
Resident gross and histopathology seminars
Diseases of Rabbits (veterinary student seminar)
Departmental seminar: Brain Tumors in Hedgehogs, Pituitary Tumors in Budgerigars

April, 2010 Washington State University, College of Veterinary Medicine
Resident gross and histopathology seminars
Diseases of Cavies (veterinary student seminar)

April, 2010 Woods Hole Oceanographic Institute
International Working Group: Gas Kinetics in Diving Marine Mammals

November, 2009 Association of Northwest Avian and Exotic Veterinarians
Excretory Pathology

September, 2009 University of Florida, College of Veterinary Medicine
Resident gross and histopathology seminars
Diseases of Cavies (veterinary student seminar)
Departmental seminar: "Banished Bunnies: Propagating Disease in the Pygmy Rabbit Recovery Program"

April, 2009 Washington State University, College of Veterinary Medicine
Resident gross and histopathology seminars
Overview of zoo pathology (veterinary student seminar)

August, 2008 Nacional Autonoma De Mexico Facultad De Medicina Veterinaria y Zootecnia
Secretaria de Educación Continua y Tecnología
Departamento de Patología
3er Curso de Patología en Fauna Silvestre UNIVERSIDAD
Overview of zoo pathology
Infectious and Noninfectious Diseases of Amphibians

April 2008 Washington State University, College of Veterinary Medicine
Resident gross and histopathology seminars
Overview of zoo pathology (veterinary student seminar)

February 2008	University of Florida, College of Veterinary Medicine Resident gross and histopathology seminars Overview of zoo pathology (veterinary student seminar) Departmental seminar: "Emerging Diseases of Ferrets: Myofasciitis and Systemic Coronavirus Infection"
April 2008	University of California, Davis, School of Veterinary Medicine Avian & Exotic Medicine Symposium Myofasciitis and systemic coronavirus infection in domestic ferrets Overview of zoo pathology
April 2007	Washington State University, College of Veterinary Medicine Resident gross and histopathology seminars Overview of zoo pathology (veterinary student seminar)
November 2007	Texas A&M, College of Veterinary Medicine Resident gross and histopathology seminars Overview of zoo pathology (Veterinary student seminar)
April 2006	Washington State University, College of Veterinary Medicine Resident gross and histopathology seminars Overview of zoo pathology (veterinary student seminar)
April 2004	Washington State University, College of Veterinary Medicine Resident gross and histopathology seminars Overview of zoo pathology (veterinary student seminar)
April 2003	Washington State University, College of Veterinary Medicine Resident gross and histopathology seminars
April 18, 2002	Washington State University, College of Veterinary Medicine Resident gross and histopathology seminars
May 20-26, 2001	Africam Safari, Puebla, Mexico, Short Course. Pathology of zoo mammals, birds, reptiles and amphibians
April, 2001	Washington State University, College of Veterinary Medicine Resident gross and histopathology seminars
April 26, 2001	Washington State University, College of Veterinary Medicine Resident gross and histopathology seminars
April 9, 2001	Gross Morbid Anatomy of Zoo Animals, C. L. Davis Conference, Armed Forces Institute of Pathology, Washington D. C.
Spring, 2000	Washington State University, College of Veterinary Medicine Resident gross and histopathology seminars
Spring, 1999	Washington State University, College of Veterinary Medicine Resident gross and histopathology seminars
May 1999	University of Florida, College of Veterinary Medicine, Dept. of Pathobiology, Gross and histopathology seminars
Fall, 1998	Washington State University, College of Veterinary Medicine Resident gross and histopathology seminars

June 6-12, 1998	Universidad de Autonomia, Guadalajara, Jalisco, Mexico (invited lecturer) Short course on diseases of primates, birds, reptiles and amphibians
Fall, 1997	Washington State University, College of Veterinary Medicine Resident gross and histopathology seminars
July 1991- July 1993	University of Florida, College of Veterinary Medicine, senior necropsy rotation, sophomore general and systemic pathology laboratories
Fall, 1984-1985	Washington State University, Teaching assistant, veterinary parasitology, sophomore veterinary curriculum

CURRENT OR FORMER EDITORIAL RESPONSIBILITIES

Journal of herpetological Medicine and Surgery, Associate Editor (Pathology)
 Veterinary Pathology, manuscript reviewer
 Journal of Veterinary Diagnostic Investigation, manuscript reviewer
 Journal of Zoo and Wildlife Medicine, manuscript reviewer and foreign language text
 editor
 Journal of Wildlife Diseases, manuscript reviewer
 Journal of Environmental Toxicology, manuscript reviewer
 Journal of Avian Medicine and Surgery, manuscript reviewer
 Institute for Laboratory Animal Research (ILAR) Journal, manuscript reviewer
 Exotic DVM, manuscript reviewer
 Diseases of Aquatic Organisms, manuscript reviewer

PROFESSIONAL ASSOCIATIONS

American College of Veterinary Pathologists (Diplomate)
 American Veterinary Medical Association
 American Association of Veterinary Laboratory Diagnosticians
 American Association of Zoo Veterinarians
 Wildlife Disease Association
 Association of Avian Veterinarians
 Association of Reptile and Amphibian Veterinarians
 International Association of Aquatic Animal Medicine
 Association of Exotic Mammal Veterinarians

PROFESSIONAL AWARDS & GRANTS

2015	Distinguished Alumnus Award, College of Veterinary Medicine, Washington State University
2013	Wolf K, Waddell W, Anderson K, Garner MM. Inflammatory bowel disease in the red wolf (<i>Canis rufus</i>): prevalence, clinicopathologic and demographic characteristics. Point Defiance Zoo & Aquarium Conservation Committee, 8125.00
2013	Garner MM. Virginia Perry Wilson Endowment Award, U. CA, Davis, 500.00
2013	LaDouceur E, keel K, Garner MM. Cytological, Histological, and Ultrastructural Findings in Marine Invertebrates with Copper Toxicosis with Comparisons to Normal Histology Wildlife Health Center Fellowship, University of California, Davis. 2048.00.

- 2012 Garner, MM. Speaker of the Year, Association of Avian Veterinarians (presented in Jacksonville, FL, 2013)
- 2012 Garner MM. Ulley Service Award, American Association of Zoo Veterinarians, Oakland, CA
- 2010 Jacobson ER (PI), Wozniak E(CO-PI), Farmerie WG (CO-PI), Chen S (CO-PI), Morris Animal Foundation, 07/01/10 – 06/31/12, Diagnosing “Inclusion Body Disease”, A Worldwide Infectious Disease OF Boid Snakes, \$71,280.00. (Collaborating pathologist)
- 2009 Investigation of pathologic soft tissue mineralization in captive Komodo dragons (*Varanus komodoensis*) Investigators Dawn Zimmerman, DVM, MS, Associate Veterinarian, Memphis Zoo and Aquarium; Mark Mitchell, DVM, MS, PhD, Associate Professor, University of Illinois, College of Veterinary Medicine Michael Garner, DVM, DACVP, Chief Pathologist, Northwest ZooPath ; Willem Schaftenaar, DVM, Head Veterinary Department, Rotterdam Zoo Grant amount: \$ 4820.00
- July 2006 Population health and zoonotic pathogens of wild pichis (*Zaedyus pichiy*) in Mendoza, Argentina. Mariella Superina, Dr. med. vet. PhD Candidate in Conservation Biology University of New Orleans. Michael M. Garner (consulting pathologist) 4500.00, (Arizona Zoological Society)
- May 2005 Arcadis Phase II Work Plan for the assessment of turtles at Eunice City Lake, Eunice Train Derailment, May 27, 2000, Agency Interest No. 85276. Lance W. Fontenot, Ph.D., George H. Cramer, II, P.G, Rudy J. Guichard. (Garner, pathology contract)
- March 2005 A comparison of slide layer of emerging feathers in feather follicles of African Grey Parrots with normal plumage vs. African Grey Parrots exhibiting feather damaging behavior. Susan Clubb, Michael Garner, Kaytee grant. 3800.00
- August 2004- July 2005 Determining the infectivity of lymphohistiocytic proliferative syndrome (LPSA) in American alligators (*Alligator mississippiensis*). Javier Nevarez, DVM, Mark A. Mitchell, DVM, MS, PhD, Noel Kinler, Ruth Elsey, MD, Michael M, Garner, DVM, 31,576.00.
- January 2004 Health status and ecology of free-ranging green turtles (*Chelonia mydas*) and loggerhead turtles (*Caretta caretta*) from the northern coastal area of Buenos Aires, Argentina. Diego Alejandro Albareda, Laura Prosdocimi, Sergio Rodriguez Heredia, Michael M. Garner. 9056.00.
- September 2003 Characterizing “PIX” disease in captive Louisiana alligators. Mark A. Mitchell DVM, MS, PhD, Javier Nevarez DVM, Dae-Young Kim DVM, PhD, Michael M. Garner. 31938.00
- September 2000 Retrospective study of besnoitiasis in maras (*Dolichotis patagonum*) at Africam Safari, Guillermo Rico Hernandez D.V.M., Carles Juan-Sallés, DVM, Michael M. Garner, DVM, Dipl. ACVP, 200.00
- August 2000 Co-operative Funds Project, Washington Dept. Fish and Wildlife, Mule deer velvet antler investigation, Briggs Hall, DVM, Michael Garner, DVM, Dipl. ACVP, 2480.00
- May 2000 Zoological Society Conservation Grant, snow leopard papillomavirus vaccine development, Janis Ott Joslin, DVM, Senior Veterinarian, A. Bennett Jenson, MD, Shin-je Ghim, PhD; Georgetown University, Department of Pathology, School of Medicine and Dentistry, Washington, DC, John Sundberg, DVM, PhD, The Jackson

- Laboratory, Bar Harbor, ME, Michael Garner, DVM, DACVP, Northwest ZooPath, Snohomish, WA. 5000.00
- April 2000 Woodland Park Zoological Society Conservation and Education Grant, 5500,00. Snow leopard papilloma project.
- May 1993 C.L. Davis Foundation Student Scholarship Award, University of Florida.
- May 1993 Support Services Resident Teaching Award (student vote), U. FL.
- December 1991 Animal Health subgrant, UPN#92011327, 1985.00, USDA, evaluation of bone marrow parameters in healthy and ill desert tortoises (*Gopherus agassizii*).

BOOKS AND CHAPTERS

MM Garner and ER Jacobson, eds. Diseases and Pathology of Reptiles, Noninfectious Disease and Pathology of Reptiles. Vol. 2. 1st Ed. CRC Press, 2020.

ER Jacobson and MM Garner, eds. Diseases and Pathology of Reptiles, Infectious Disease and Pathology of Reptiles. Vol. 1. 2nd Ed. CRC Press, 2020.

Juan-Sallés C, Garner MM: Avian spirurids. In Fowler's Zoo and Wild Animal Medicine. Current Therapy. Miller RE, Lamberski N, and Calle P eds. vol 9. pp 471-480. St Louis, MO, 2019

Trupkiewicz J, Garner MM and Juan-Sallés. Passeriformes, Caprimulgiformes, Piciformes, Bucerotiformes and Apodiformes, 793-818. In: Terio KA, McAloose D, and St. Ledger J. Pathology of Wildlife and Zoo Animals. Elsevier/Academic Press, San Diego, CA 2018

Garner MM. An Overview of Biopsy, Cytology and Necropsy Techniques for Clinical Veterinarians. In: Aguilar RF, Hernandez SM, Divers SJ, Perpignan D. Atlas de Medicina de Animales Exoticos, 2^{da} Inter-Medica S.A. I.C.I., Buenos Aires, 2010, pp 437-443.

Garner MM, Juan-Salles C. Avian Biopsy and Necropsy Techniques for Clinical Veterinarians. In: Aguilar RF, Hernandez SM, Divers SJ, Perpignan D. Atlas de Medicina de Animales Exoticos, 2^{da} Inter-Medica S.A. I.C.I., Buenos Aires, 2010, pp 444-472.

Garner MM. Mammalian Biopsy and Necropsy Techniques for Clinical Veterinarians. In: Atlas de Medicina de Animales Exoticos, 2^{da} Inter-Medica S.A. I.C.I., Buenos Aires, 2010, pp 472-480.

Garner MM. Overview of Biopsy and Necropsy Techniques. In: Mader D. Reptile Medicine and Surgery, 2nd ed. pp 569-580. Saunders Elsevier, St. Louis, MO. 2006.

Garner MM. Overview of Tumors, Section II: A Retrospective Study of Case Submissions to a Specialty Diagnostic Service. In: Harrison GJ and Lightfoot TL. Clinical Avian Medicine, Volume II, pp 566-572. Spix Publishing, Inc., Palm Beach, FL, 2006.

Garner MM, Biopsia y Necropsia. In: Aguilar R, Hernandez-Divers SM, Hernandez-Divers SJ. Atlas De Medicina, Terapeutica y Patologia De Animales Exoticos. Inter-Medica S.A. I.C.I., Buenos Aires, 2005, pp 361-375.

Garner MM. Aeromoniasis and Pseudomiasis. In: Fowler ME and Miller RE. Zoo and Wild Animal Medicine. 5th ed. WB Saunders. St. Louis, MO. 2003. pp 702-704.

JOURNAL PUBLICATIONS

Weisbrod TC, Jeon AB, Childress A, Pouder DB, Castellanos-Gell J, Stacy NI, Walden HDS, Garner MM, Yanong RPE, Ossiboff RJ. Gastrointestinal entamoebiasis in captive anurans in North America. *Dis Aquat Organ*. 2021 Feb 11;143:109-118. doi: 10.3354/dao03560. PMID: 33570044.

Peel MJ, Adams L, Stevens B, Garner MM, Maguire C. Systemic phaeohyphomycosis in splitnose rockfish (*Sebastes diploproa*) caused by *Devriesia* sp. *J Fish Dis*. 2021 Jan 27. doi: 10.1111/jfd.13342. Epub ahead of print. PMID: 33501653.

McClure KM, Garner MM, Citino SB, Emerson JA, Hammond EE. RETROSPECTIVE EVALUATION OF HEPATOCELLULAR NEOPLASMS IN NILE LECHWE (*KOBUS MEGACEROS*) FROM TWO FLORIDA ZOOLOGICAL INSTITUTIONS. *J Zoo Wildl Med*. 2020 Nov;51(3):678-686. doi: 10.1638/2020-0038. PMID: 33480545.

Scott KL, Garner MM, Murphy BG, LaDouceur EEB. Oral Lesions in Captive Nondomestic Felids With a Focus on Odontogenic Lesions. *Vet Pathol*. 2020 Nov;57(6):880-884. doi: 10.1177/0300985820943539. Epub 2020 Oct 5. PMID: 33016248.

LaDouceur EEB, Murphy BG, Garner MM, Cartoceti AN. Osteomalacia With Hyperostosis in Captive Lesser Hedgehog Tenrecs (*Echinops telfairi*). *Vet Pathol*. 2020 Aug 3;300985820943536. doi: 10.1177/0300985820943536. Epub ahead of print. PMID: 32744142.

Tuxbury KA, Innis CJ, Thaiwong T, Wise AG, Maes R, Garner MM, Kiupel M. Herpesvirus Encephalitis in a Little Blue Penguin (*Eudyptula minor*). *Vet Pathol*. 2020 Jul;57(4):582-585. doi: 10.1177/0300985820926678. Epub 2020 May 21. PMID: 32436778.

Bertram CA, Garner MM, Reavill D, Klopfleisch R, Kiupel M. Giant Cell Sarcomas in Domestic Rabbits (*Oryctolagus cuniculus*). *Vet Pathol*. 2020 Jul;57(4):490-496. doi: 10.1177/0300985820921814. Epub 2020 Apr 29. PMID: 32347189.

Passarelli ME, Antinoff N, Hudson C, Bacmeister C, Garner M. Removal of a Tracheal Myelolipoma in a Cockatiel (*Nymphicus hollandicus*) by Surgical Resection and Anastomosis. *J Avian Med Surg*. 2020 Jul 21;34(2):181-185. doi: 10.1647/1082-6742-34.2.181. PMID: 32702958.

Mack ZE, Bonar CJ, Garner MM, Connolly MJ, Childress AL, Wellehan JFX Jr. A novel herpesvirus in a white stork associated with splenic and hepatic necrosis. *J Vet Diagn Invest*. 2020 May;32(3):471-475. doi: 10.1177/1040638720915539. Epub 2020 Apr 10. PMID: 32274981; PMCID: PMC7377626.

Pennings A, Seeley K, Mathieu A, Foust A, Garner MM, Ramer J. FELINE HERPESVIRUS INFECTION IN FOUR CAPTIVE CHEETAHS (*ACINONYX JUBATUS*) POSTVACCINATION. *J Zoo Wildl Med*. 2020 Mar 17;51(1):210-216. doi: 10.1638/2019-0041. PMID: 32212565.

Sojka PA, Ploog CL, Garner MM, Kiupel M, Kuypers J, Huynh T. Acute human orthopneumovirus infection in a captive white-handed gibbon. *J Vet Diagn Invest*. 2020 May;32(3):450-453. doi: 10.1177/1040638720910521. Epub 2020 Mar 13. PMID: 32167415; PMCID: PMC7377618.

Hopf C, Graham EA, Gibas CFC, Sanders C, Mele J, Fan H, Garner MM, Wiederhold NP, Ossiboff R, Abou-Madi N. A Novel *Exophiala* Species Associated With Disseminated Granulomatous Inflammation in a Captive Eastern Hellbender (*Cryptobranchus alleganiensis alleganiensis*). *Front Vet Sci*. 2020 Jan 31;7:25. doi: 10.3389/fvets.2020.00025. PMID: 32083105; PMCID: PMC7004953.

Needle DB, Agnew DW, Bradway DS, Nordhausen RW, Garner MM. Avian coxiellosis in nine psittacine birds, one black-browed barbet, and one paradise tanager. *Avian Pathol*. 2020 Jun;49(3):268-274. doi: 10.1080/03079457.2020.1729956. Epub 2020 Mar 12. PMID: 32054295.

Ter Beest JM, Garner MM, Love DM, Bradway DS, Daniels JB, Surman ST, Neiffer DL, Ramer JC. DERMATITIS AND RHINOSINUITIS CAUSED BY *CURVULARIA* SPECIES IN A CHINESE GORAL

(*NAEMORHEDUS GRISEUS*). J Zoo Wildl Med. 2020 Jan 9;50(4):1008-1011. doi: 10.1638/2018-0013. PMID: 31926538.

Love DM, Garner MM, Lyashchenko KP, Sikar-Gang A, Bradway DS, Robbe- Austerman S, Miller M, Ramer J. TUBERCULOSIS CAUSED BY *MYCOBACTERIUM ORYGIS* IN A GREATER ONE-HORNED RHINOCEROS (*RHINOCEROS UNICORNIS*): FIRST REPORT IN THE WESTERN HEMISPHERE. J Zoo Wildl Med. 2020 Jan 9;50(4):1000-1004. doi: 10.1638/2018-0084. PMID: 31926536.

Barratclough A, Ardente AJ, Boren B, Ialeggio D, Garner MM. XANTHINE NEPHROLITHIASIS IN JUVENILE CAPTIVE GIANT OTTERS (*PTERONURA BRASILIENSIS*). J Zoo Wildl Med. 2020 Jan 9;50(4):956-965. doi: 10.1638/2019-0036. PMID: 31926528.

Danil K, Dennison S, Wurster E, Garner MM, Lulich J, St Leger J. Renal and vaginal calculi in a free-ranging long-beaked common dolphin *Delphinus capensis*. Dis Aquat Organ. 2019 Nov 14;136(3):265-271. doi: 10.3354/dao03414. PMID: 31724559.

Groves BA, Yabsley MJ, Swanepoel L, Garner MM. Lungworm (*Crenosoma goblei*) Infection in Unweaned Free-Ranging Raccoons (*Procyon lotor*) in Washington State, USA. J Wildl Dis. 2020 Apr;56(2):419-423. Epub 2019 Oct 9. PMID: 31596677.

LaDouceur EEB, Hauck AM, Garner MM, Cartoceti AN, Murphy BG. Odontomas in Frogs. Vet Pathol. 2020 Jan;57(1):147-150. doi: 10.1177/0300985819877633. Epub 2019 Sep 24. PMID: 31551010.

DiVincenti L, Garner M, Thomas B, Birkenheuer A. Babesia sp. infection in a zoo-housed polar bear (*Ursus maritimus*). Vet Parasitol Reg Stud Reports. 2019 Dec;18:100350. doi: 10.1016/j.vprsr.2019.100350. Epub 2019 Nov 11. PMID: 31796190.

LaDouceur EEB, Mangus L, Garner MM, Cartoceti AN. Histologic Findings in Captive American Horseshoe Crabs (*Limulus polyphemus*). Vet Pathol. 2019 Nov;56(6):932-939. doi: 10.1177/0300985819859877. Epub 2019 Jul 4. PMID: 31272305.

Beest JMT, LaDouceur EEB, Juan-Sallés C, Garner MM, Howerth EW, Wellehan JFX, Childress AL, Graves GE, Gyimesi ZS. *ENCEPHALITOOZON CUNICULI* INFECTION IN A BLACK-FOOTED FERRET (*MUSTELA NIGRIPES*) KIT. J Zoo Wildl Med. 2019 Jun 13;50(2):487-491. doi: 10.1638/2018-0101. PMID: 31260221.

Long RB, Love D, Seeley KE, Patel S, Allender MC, Garner MM, Ramer J. HOST FACTORS AND TESTING MODALITY AGREEMENT ASSOCIATED WITH *OPHIDIOMYCES* INFECTION IN A FREE-RANGING SNAKE POPULATION IN SOUTHEAST OHIO, USA. J Zoo Wildl Med. 2019 Jun 13;50(2):405-413. doi: 10.1638/2018-0143. PMID: 31260207.

Bartlett SL, Arheart KL, Garner MM. RETROSPECTIVE ANALYSIS OF MORTALITY IN CAPTIVE BONGO (*TRAGELAPHUS EURYCERUS*), 1995-2015. J Zoo Wildl Med. 2019 Jun 13;50(2):303-307. doi: 10.1638/2018-0175. PMID: 31260193.

Mulreany LM, Niedringhaus KD, Fenton HMA, Smith C, Smith R, Gardiner CH, Lewis BC, Craig T, Williams BH, Garner MM, Cleveland CA, Yabsley MJ. Filarial dermatitis caused by *Filaria taxideae* in domestic ferrets (*Mustela putorius furo*) from the western United States. Vet Parasitol Reg Stud Reports. 2018 Dec;14:155-160. doi: 10.1016/j.vprsr.2018.10.011. Epub 2018 Nov 1. PMID: 31014722.

Goblet CC, Moresco A, Garner MM, Agnew DW, Newell-Fugate AE. Retrospective characterization of reproductive tract lesions in relation to age, parity, and contraception in captive suidae and tayassuidae. Theriogenology. 2019 Mar 15;127:137-144. doi: 10.1016/j.theriogenology.2019.01.012. Epub 2019 Jan 18. PMID: 30690318.

- Powers LV, Mitchell MA, Garner MM. Macrorhabdus ornithogaster Infection and Spontaneous Proventricular Adenocarcinoma in Budgerigars (*Melopsittacus undulatus*). *Vet Pathol.* 2019 May;56(3):486-493. doi: 10.1177/0300985818823773. Epub 2019 Jan 16. PMID: 30651051.
- Monahan CF, Garner MM, Kiupel M. HEPATOCELLULAR NEOPLASMS IN CAPTIVE FENNEC FOXES (*VULPES ZERDA*). *J Zoo Wildl Med.* 2018 Dec 13;49(4):996-1001. doi: 10.1638/2018-0034.1. PMID: 30592939.
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Garner MM, Sturtevant FC: Trichomoniasis in a blue fronted Amazon parrot (*Amazona aestiva*) *J Assoc Av Vet* 6(1):17-20, 1992

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Garner MM: Bumblefoot associated with poxvirus infection in a wild golden eagle (*Aquila chrysaetos*). *Comp An Pract* 1910: 17-20, 1990

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ROUNDTABLE DISCUSSIONS

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CONFERENCE PRESENTATIONS/ABSTRACTS

Oct 30-Nov 1, 2020

American College of Veterinary pathologists, (Virtual Conference)

Coe S, Garner MM and Kiupel M. Immunohistochemical Characterization of Mesothelioma in 6 Large Felids.

Fiddes KR, Peterson A, Garner MM, LaDouceur EEB. Neuronal Ceroid Lipofuscinosis in a Coquerel's Sifaka.

Cudd SK, Cartoceti AN, Garner MM, LaDouceur EEB. Hepatic Lesions Associated with Iron Accumulation in Captive Kori Bustards (*Ardeotis kori*).

October 19, 2020

Gray Whale Working Group (Virtual Conference)
Update on unusual Mass Stranding Events on the Pacific Coast.

Sept. 19-25, 2020

American Association of Zoo Veterinarians (Virtual Conference)

Garner MM and Hammond EB. Moderators, Carnivore Session

Shawna Hawkins S, Garner MM and Hartup B. Retrospective Analysis of Neoplasia in Captive Cranes.

Schmidt L, Haefele H, Swenson J, Garner MM, Wellehan JFX Jr, An Outbreak of *Cryptosporidium avium* in Attwater's Prairie Chickens (*Tympanuchus cupido attwateri*).

Doden G, Sander S, Michael M. Garner MM, Mangus L. A Retrospective Survey of Neoplasia in Managed Giraffe

Jacobek BT, Garner MM, DVM, SCitino SB, Emerson JA, DVM, Wellehan, JFX Jr. Fatal Hepatic Fascioliasis in Two Giraffes (*Giraffa camelopardalis*)

Fink M, Cox S, Garner MM, Reavill D, Mendyk RW, Zimmerman D. Review of Female Reproductive Tract Disease in Mortality of Varanid Species

Haefel H, Swenson S, Kinsella, Amin O, Garner MM. Acanthocephalans in Captive Maned Wolves (*Chrysocyon brachyurus*).

Rainwater R, Reilly TS, Cannizzo SA, Landolfi J, Garner MM, Wellehan JFX Jr. Systemic Infection with a Novel *Eimeria* Species in Zoo-housed

Lesser Flamingos (*Phoeniconaias minor*)

June, 2020

Davis- Thompson Foundation (Virtual Conference)

Garner MM. Select Diseases of Aquatic Birds

May 20-24, 2020

International Whaling Commission (Virtual Conference)

Raverty S, Duignan P, Greig D, Huggins J, Huntington KB, Garner MM, Calambokidis J, Cottrell P, Danil K, D'Alessandro D, Duffield D, Flanner M, Gulland F, Halaska B, King C, Lambourn D, Lehnhart T, Ramirez JU, Rowles T, Rice J, Savage K, Wilkinson K and Fauquier D. Post Mortem Findings of a 2019 Gray Whale Unusual Mortality Event in the Eastern North Pacific.

March 6-8, 2020

Shark Reef Aquatic Medicine Seminar, Las Vegas

A Review of Common Diseases in Captive Elasmobranchs

A Review of Common Diseases in Captive Syngnathids

Necropsy Technique (Wet Lab Instructor)

December 9-12, 2019

World Marine Mammal Conference, Barcelona

Danil K, Berman M, Frame E, Preti A, Fire S, Leighfield T, Carretta J, Garner MM, Lefebvre K. Domoic acid exposure risks and histopathology in southern California long-beaked common dolphins (*Delphinus capensis*)

November 9-13, 2019 American College of Veterinary Pathologists, San Antonio

Donovan TA, Dewey A, Garner MM, Chen S, Reavill D, Phalen D, LeRoux A, Brown C, Quesenberry K. Disseminated Xanthogranulomatous inflammation in Eight Eclectus Parrots (*Eclectus roratus*) and one Parakeet (*Melopsittacus undulates*); a case series. (Poster)

Gibson D, Nemeth N, Beaufriere H, Varga C, Garner M, Susta L. Round Cell Neoplasia in Psittacine Birds. A Histologic and immunohistochemical Assessment of Round Cell Neoplasia in Psittacine Birds.

November 5-6, 2019

Gray Whale Working Group, National Oceanic and Atmospheric Administration Seattle

Preliminary Findings of an Unusual Mass Stranding Event on the Pacific Coast of Mexico, The United States and Canada

Sept 28-Oct 4th 2019

American Association of Zoo Veterinarians and Exoticscon

Garner MM, Fredholm DV, Citino SB, Wellehan JFX, Jr., Kelly Keating K, Jana M, Ritter JM, Shawn Lockart S, Lysen C andBradway DS. A Case Series of Fatal Disseminated Mycotic Infection in Captive-Managed Bongo Antelope (*Tragelaphus seurycerus*)

Garner MM, Citino SB, Suedmeyer WK, and Rainwater KL. Pancreatic Disease in the Lesser Kudu (*Tragelaphus imberbis*): A Review of 14 Cases.

Garner MM, DVM, Mutlow A, MA, Emanuelson K, Barnes J, Garner JK, Briggs C, Garcia M, and Nodolf S. Disease Processes associated with Propagation for Reintroduction of Threatened Sierra Nevada frogs

Yuschenkoff D, Jennifer Graham J, and Garner MM. Evaluation of the Clinical Presentation and Histologic Lesions of Hepatic Copper Accumulation in Sugar Gliders (*Petaurus breviceps*) (Best Poster Award)

Garner MM. Gross Lesion Recognition in Reptiles (Masterclass)

Garner MM. Gross Lesion Recognition in Birds (Masterclass)

Garner MM. Gross Lesion Recognition in Small Mammals (Masterclass)

Garner MM. Clinicopathologic features of vascular neoplasms in hedgehogs: 20 cases.

Lago-Alvarez Y, Bezjian M, Flacke G, Johnson J, Meyers G, and Garner MM. Myelolipomatosis in Javan Pond Herons, 10 cases.

August 4-10, 2019

International Wildlife Disease Conference, Tahoe

Danil K, Sophie Dennison S, Wurster E, Garner MM, St. Leger J. Renal and Vaginal Calculi in a Free-Ranging Long-Beaked Common Dolphin (*Delphinus capensis*)

July 21-27, 2019

Conservation Medicine and Diseases of Amphibians and Reptiles, Southwestern Research Center, Portal AZ (Major Instructor)

Garner MM. Infectious Diseases of Amphibians

Garner MM. Noninfectious Diseases of Amphibians

Garner MM. Amphibian Necropsy Technique (Wet lab Instructor)

May 18-22, 2019

International Association of Aquatic Animal Medicine, Durban, South Africa

Tuxbury KA, Charles J. Innis CJ, Thaiwong T, Wise AG, Maes R, Garner MM, Kiupel M, Herpesvirus Encephalitis in a Little Blue Penguin Chick (*Eudyptula minor*)

May 16-20, 2019 International Association of Aquatic Animal Veterinarians (Virtual Conference)

Goertz CEC, Garner Woodie K, Belovarac J, Rouse N, Tuomi P. Testicular Development in Rehabilitated Northern Sea Otters (*Enhydra lutris kenyoni*)

Delaney MA, Van Bonn W, Adams L, Colegrove KM, Garner MM, Shapiro K. Necrotizing Hepatitis and Hepatic Failure due to *Sarcocystis pinnipedi* in Two California Sea Lions (*Zalophus californianus*) in Managed Care.

Gerlach JL Stevens BN, Adams LM, Garner MM, LaDouceur EEMB. Primary Hepatic Neoplasia in Two Adult Captive Bamboo Sharks (*Chiloscyllium plagiosum* and *Chiloscyllium punctatum*).

Fauquier D, Durham K Doughty L, Moore M, McLellan W, Alex Costidis A, Sharp S, Rotstein D, Huntington KB, Huggins J, Halaska B, Flannery M, Danil K, Rice J, Garner MM, Duignan P, Raverty S, Colegrove K, Hardy M, Ramirez JU, Goldstein T, Harms C, Calambokidis J, Moore S, Baker J, Gulland F, Garron M, Smith A, Fougères E, Mase-Guthrie B, Wilkinson K, Viezbicke J, Greenman J, Savage K, Moors-Murphy H, Cottrell P, Greig D, Rowles T, Wilkin S. United States Large Whale Unusual Mortality Events.

May 1-5, 2019 1er. Simposio internacional Del IMFAC, S.C.Chetumal-Mahahual-Bacalar, Quintana Roo, México.
Garner MM. Emerging Diseases in Reptiles and Birds.

GarnerMM. Neoplasia in Zoo Felids.

March 5, 2019 Northeastern Veterinary Pathology Conference

Hauck A, Murphy B, Cartoceti A, Garner MM, LaDouceur E. Compound Odontoma in a Tomato Frog.

Feb 22-23, 2019 Thompson/Davis Foundation: Pathology and Diseases of Wildlife and Exotic Animals, Bangkok

Garner MM: Select Diseases of Reptiles and Amphibians

Garner MM: Select Diseases of Primates

Feb 18-19, 2019 Thompson/Davis Foundation: Wildlife Health and Pathology Short Course, Sydney, Australia

Garner MM. Select Diseases of Reptiles

Garner MM. Hot Topics in Amphibians

Garner MM, Rideout B, St. Leger J. Histopathology Masterclass

Nov 3-7, 2018 American College of Veterinary Pathologists, Washington DC.

Thornton J, Ball E, Garner MM, Marble B. Traumatic Lingual Entrapment and Granuloma Formation in a Captive Cuban Boa (*Epicrates angulifer*) (Poster)

Corbin E, Garner MM, LaDouceur EE. Ciliate Infection Associated with Cutaneous Ulceration in Sea Pens (Order: Pennatulacea)

Gibson D, Nemeth N, Beaufriere H, Varga C, Garner M, Susta L, Round Cell Neoplasia in Psittacine Birds (Poster)

LaDouceur E EB, MangusL, Garner MM, Cartocetti AN, Histologic Lesions in Horseshoe Crabs (*Limulus polyphemus*). (Poster)

Oct 6-12, 2018

American Association of Zoo Veterinarians/ European Association of Zoo and Wildlife Veterinarians/Leibniz Institute for Zoo and Wildlife Research Joint Conference, Prague, Czech Republic

Troan B, and Garner MM. Avian Pathology Plenary Talk
Emerging and less Recognized Diseases of Zoo Birds

Wolfe K, Garner MM, Broughton H, Waddell W, Anderson K.
Clinicopathologic Findings of Inflammatory Bowel Disease in Red Wolves (*Canis rufus*). (Poster)

Zoo and Wildlife Pathology Seminar

Agnew D, Garner MM and Benient LE. Ocular mass in a Banggai Cardinalfish

Agnew D, Garner MM, Childress A and Junge R. A Starling Mass Mortality Event

Balbine J, Wiedner E, Ramer J, Garner MM, Zimmerman D. Morbidity and Mortality of Takin (*Budorcas taxicolor*) Populations in North American Zoologic Institutions From 1997 to 2017

Bercier M, Emerson J, LaDouceur EEB, Garner MM, Citino SB.
Investigation of a Q Fever Outbreak in a Breeding Herd of White Rhinoceros (*Ceratotherium simum*)

Garner MM, Garelle D. Disease Trends in Captive Populations of the Endangered Black-footed Ferret (*Mustela nigripes*)

Sep 22-27, 2018

ExoticsCon, Atlanta, Georgia

Howerth EW, Mayer J, Reavill DR, Garner MM. Immunohistochemical and Ultrastructural Characterization of Thymic Associated Tumors in Ferrets

Miller S, LaDouceur EB, Garner MM, Rivera S. Suspected Hyperviscosity Syndrome in Four Eastern Indigo Snakes (*Drymarchon Couperi*)

Graham JE, Garner MM, Reavill DR, Center SA. Preliminary Investigation into The Characterization of Hepatic Copper Concentration in Ferrets with and without Hepatobiliary Disease

September 2-6, 2018

International Symposium on Aquatic Animal Health

Rhodes LD, Huggins JL, Lambourn DM, Pendleton A, Raverty SA, Hanson MB, Norman SA, Gaydos JK, Olson JK, Haulena M, and Garner MM. Emergence of Mucormycosis in Marine Mammals in the U.S. Pacific Northwest.

September 6-7, 2018

Western Conference of Veterinary Diagnostic Pathologists, Newport Oregon

Select Diseases of Elasmobranchs

Select Diseases of Sygnathids

Moderator: Case Summaries and Abstracts

May 19-23, 2018

International Association of Aquatic Animal Medicine, Long Beach, California

Wynne JE, Garner MM, LaDouceur EEB, Olhasso M. Solar Dermatitis in Swell Sharks (*Cephaloscyllium ventriosum*)

Danil K, Dennison S, Garner MM, St. Leger J, Wurster E. Renal and Vaginal Calculi in a Free-Ranging Long-Beaked Common Dolphin (*Delphinus capensis*)

Rhodes LD, Huggins JL, Lambourn DM, Raverty SA, Hanson B, Norman SA, Gaydos JK, Olson JK, Haulena M, Garner MM. Emergence of Mucormycosis Among Marine Mammals in Pacific Northwest

Lambourn DM, Lahner L, Jeffries S, Kiupel M, Goldstein T, Garner MM. First Report of Gamma Herpesvirus Gammaherpesvirus Carcinoma in Steller Sea Lion (*Eumetopias jubatus*).

Nov 4-8, 2017

American College of Veterinary Pathologists Annual Meeting, Vancouver, BC

Monahan C, Garner MM, Kiupel M. Gross and Histopathologic Classification of Hepatocellular Carcinomas in Fennec Foxes (*Vulpes zerda*)

Gary J, Ferrecchia C, Garner MM, Denison A, Ritter J. Streptococcal Lymphadenitis in a Colony of Imported Egyptian Fruit Bats (*Rousettus Aegyptiacus*) (poster)

Sep 22-29, 2017

American Association of Zoo Veterinarians, Association of Reptile and Amphibian Veterinarians, Association of Exotic Mammal Veterinarians, Dallas, TX

Goblet C, Moresco A, Agnew D, Garner MM, Newell-Fugate AE. Retrospective Characterization of Reproductive Tract Lesions in Relation to Age, Parity and Contraception in Captive Female Suidae and Tayassuidae

Persky M, Jafarey YS, Laubscher A, Lasser MJ, Moegenburg TA, Clyde VL, Garner MM. Antemortem Diagnosis and Successful Treatment of a Complete Molar Pregnancy in a Geriatric Bonobo (*Pan Paniscus*)

Stockinger , Suedmeyer K, Garner MM, Kiupel M, Cellio B. Disseminated Polysystemic Leiomyosarcoma with Intracranial Metastasis in a Male African Lion (*Panthera leo*)

Brenner EE, Sanchez CR, Garner MM. Retrospective Mortality Review of Texas Horned Lizard (*Phrynosoma cornutum*) at The Fort Worth Zoo

Rainwater KL, Wiederhold NP, Sutton DA, Garner MM, Maguire C, Guarro J, Stchigel A. Novel Paranannizziopsis Species in a Wagler's Viper (*Tropidolaemus Wagleri*) and Tentacled Snake (*Erpeton Tentaculatum*) in a Zoological Collection

Brenner EE, Sanchez CR, Garner MM. Proliferative Epidermal Lesion in Salomon Island Leaf Frogs (*Ceratobatrachus guentheri*) A Case Series

Cittino S, Goe A, Metrione L, Oliva M, Garner MM. Sudden Death in Three Southern White Rhinoceros (*Ceratotherium simum*), Secondary to Presumptive *Clostridium perfringens* Enterotoxemia

Love D, Garner MM, Lyashchenko KP, Miller M, Ramer J. Tuberculosis Caused by *Mycobacterium Orygis* in Greater One-Honred Rhinoceros (*Rhinoceros unicornis*): First Report In the Western Hemisphere

LaDouceur EEB, Romig BW, Garner MM, Murphy B. Diagnosis and Retrospective Review of Odontogenic Tumors in Zoo and Wildlife Animals

LaDouceur EEB, Garner MM. Hyperviscosity-like Syndrome in Reptiles

Garner MM. Gross Lesion Recognition in Zoo Reptiles

Garner MM. Gross Lesion Recognition for the Small Mammal Clinician

Bartlett SL, Cray C, Garner, MM. Amyloid in Captive Bongo (*Tragelaphus eurycerus*): Impacts on Morbidity/Mortality and Evaluation of Serum Acute Phase Proteins Premortem

Ter Beest JM, LaDouceur EEB, Juan-Salles C, Garner MM. Howerth EW, Wellehan JFX, Graves G, Gyimesi ZS, Encephalitozoonosis in a Black-Footed Ferret (*Mustela nigripes*) Kit

July 16-22, 2017

Coservation Medicine and Diseases of Amphibians and Reptiles, Portal, AZ

Garner MM. Major Disease of Amphibians

Garner MM. Amphibian Necropsy and Interpretation of Lesions

Garner MM. Reptile Necropsy and Interpretation of Lesions

July 29-Aug 2, 2017

Association of Avian Veterinarians, Washington, DC

Garner MM. Gross lesion recognition for the avian clinician.

Garner MM. Avian necropsy technique

May 20-24, 2017 International Association of Aquatic Animal Medicine, Cancun, Mexico

Barratclough A, Ardente AJ, Garner MM, Richardson, D. Xanthine Nephrolithiasis in Two Giant River Otters (*Pteronura brasiliensis*) (poster)

Aug 27-Sep 1, 2016 Exotics Con, Portland, OR

Garner MM. Gross lesion recognition for the small mammal clinician (masterclass)

Garner MM. Gross lesion recognition for the reptile clinician (masterclass)

Garner MM. Gross lesion recognition for the avian clinician (masterclass)

May 21-26, 2016 International Association of Aquatic Animal Medicine, Virginia Beach, VA
Pathology Workshop

Garner MM, St.Ledger J, Nilson, E
Zygomycosis in an Atlantic bottlenose dolphin

Jan 14-15, 2016 Sea Star Wasting Summit

Garner MM. An Archival Review of Echinoderm Submissions to Northwest ZooPath, 1994-2015

Garner MM, Newton AL, Hewson I, Harvell CD, Burge C, LaDouceur E, Knowles S, Frasca Jr. S, Smolowitz R, Work TM, Miner B, Miner M, Raimondi P, Lahner L, Haulena M, Murray M, Gaydos JK, and Wynne J.A review and Update of the West Coast Sea Star Mortality Event, 2013-2014

Oct 28, 2015 Joint Pathology Center, Dept of Defense, Silver Spring, MD

Wednesday slide conference (moderator)

Gross lesion recognition for zoo and wildlife species

Oct 16-21, 2015 American College of Veterinary Pathologists Annual Meeting, Minneapolis, MN.
Select Diseases of Reptiles.

Sep 25-Oct 2, 2015 American Association of Zoo Veterinarians, Annual Conference, Portland, Oregon

Session Chair, pathology session.

Tuxbury KA, Garner MM. disseminated mycobacteriosis in a captive atlantic guitarfish (*Rhinobatos lentiginosus*) (poster)

Eustace R, cook KA, Miller C, Kiupel M, Garner MM. Multihormonal pancreatic endocrine tumors in three Komodo dragons (*Veranus komodensis*). (poster)

Garner MM. Avian gross lesion recognition (masterclass)

Anderson K, Garner MM, Stedman N. Retrospective review of histopathological findings in eight species of gazelles.

Anderson K, Garner MM, Reid S, Hobbs J, Wolf K. Bloat and enterotoxemia in large felids.

Sep 12, 2015

Association of Zoo Veterinary Technicians Annual Conference, Tacoma, WA

Garner MM. The Avian Necropsy (wet lab)

Aug 29-Sept 2, 2015

Association of Exotic Mammals, Avian Veterinarians, Reptile and Amphibian Veterinarians, San Antonio, TX

Marino A, Chen S, Antinoff N, Fabiani M, Garner MM, Kiupel M. Granulosa cell tumor causing urethral obstruction in a African pygmy hedgehog (*Atelerix albiventris*)

July 26-30 2015

Wildlife Disease Association Annual Conference, Queensland, Australia

Smith D, Garner MM, Gross lesion recognition for wildlife specialists. (masterclass)

May 30-31, 2015

Southeastern Veterinary Pathology Conference, Annual Meeting. Tifton, GA.

Garner MM. Gross lesion recognition for zoo and wildlife species.

May13-16, 2015,

International Conference on Diseases of Zoo and Wild Animals, Barcelona, Spain

Rosell J, Gómez-Couso H, Ares-Mazás E, Garner MM, Juan-Sallés C: Retrospective study of cryptosporidiosis in zoo and aviary birds: 269 cases. Proceedings p. 86. (oral communication)

April 10-11, 2015

XIV Congreso de Especialidades Veterinarias de AVEPA. Toledo, Spain

Juan-Sallés C, Sevilla I, Morera N, Garner MM, *et al*: Estudio retrospectivo de micobacteriosis en 18 hurones. Abstract 00294 (CD, oral communication).

Juan-Sallés C, Garner MM, *et al*: Proventricular spiruridiasis and proliferative disease in captive psittacine birds: 14 cases. Proceedings p. 136.

Juan-Sallés C, Sevilla I, Morera N, Garner MM, *et al*: Estudio retrospectivo de micobacteriosis en 18 hurones. Abstract 00294 (oral communication, CD).

April 6-10, 2015

International Association of Aquatic Animal Medicine, Annual Meeting, Chicago, IL.

Woodie K, Guthridge J, Goertz CE, Ferguson JA, Garner MM, Tuomi P. Management of an acute die-off of captive reared smooth lumpsuckers.

March 2-6, 2015

Eastern Fish Health Workshop, Charleston-Mt. Pleasant, South Carolina

Newton AL, Garner MM, LaDouceur E, Frasca S, Smolowitz RM, Knowles S, Work TM, Stidworthy MF. Current pathology findings in Pacific coast sea star wasting disease mortality event.

Oct 18-24, 2014

American Association of Zoo Veterinarians, Association of Reptile and Amphibian Veterinarians, Association of Exotic Mammal Veterinarians, Orlando, FL

Garner MM. Gross lesion recognition for the small mammal practitioner (masterclass)

Garner MM. Gross lesion recognition for the reptile practitioner (masterclass)

Garner MM, Helmick K, Collins D, Mesher C, Conner P, Bradway D. No kidding: Brucellosis in waxy tree frogs (*Phyllomedusa sauvagii*)

Stockinger B, SuedmeyerWK, Garner MM, Kiupel M. Lymphocytic leukemia in a fallow deer (*Dama dama*)

Sanchez C, Unger K, Collinsworth S, Garner MM. Erosive enteritis and intestinal obstruction caused by decomposed granite in lesser flamingos (*Phoenicopterus minor*). Clinical management of a large flock and long-term implications.

Cortes-hinojosa G, Garcia-Parra C, Ferrante JA, Garner MM, Flanagan JP, Wellehan JFX. Virus discovery work in marine iguanas (*Amblyrhynchus cristatus*) in association with an unusual mortality event.

LaDouceur E, Newton AL, Garner MM, Knowles S, Frasca Jr S, Smolowitz R, Thierry M, Work TM, Stidworthy M, Wynne J. Pathology associated with sea star wasting disease. Zoo and Wildlife Pathology Seminar

Da Silva MO, Garner MM. The snake spectacle in health and disease

Standorf KJ, Garner MM, Koplos P, Childress AL., Wellehan JFX. Identification of a novel herpesvirus in a leopard tortoise coinfecting with intranuclear coccidia.

- Aug 2-6, 2014 Association of Avian Veterinarians, New Orleans, LA
- Garner MM, Powers LV, Mitchell M. Does *Macrorhabdus ornithogaster* predispose budgerigars to proventricular adenocarcinoma.
- Garner MM. Gross lesion recognition for the avian practitioner.
- Garner MM. A review of select reptile diseases.
- July 27-aug 1, 2014 Wildlife Disease Association, Albuquerque, NM
- Newton AL, Hewson I, Harvell CD, Burge C, Garner MM, LaDouceur E, Knowles S, Frasca S, Smolowitz R, Work TM, Miner B, Miner M, Raimondi P, Lahner L, Haulena M, Murray M, Gaydos JK, Wynne J. The Pacific Coast sea star mortality event: current status of the ongoing investigation
- Taylor KR, Garner MM, Dark MJ, Abbott JR. High prevalence of a tumor in captive endangered Perdido Key Beach mice (*Peromyscus polionotus trysillepsus*)
- June 29-30, 2014 Sea Star Wasting Syndrome: Status of the Science and Identification of Response Actions, Hatfield Marine Science Center, Newport, Oregon
- Garner MM. Pathologic findings in the West Coast sea star die-off, 2013-2014
- May 28-31, 2014 International Conference on the Diseases of Zoo and Wild Animals, Warsaw, Poland
- Da Silva MO, Bertelsen MF, Heegaard S, Garner MM. Diseases of the snake spectacle.
- May 17-21, 2014 International Association of Aquatic Animal Medicine, Gold Coast, Australia
- Garcia-Parra C, Garner MM, Wellehan JFX, Cortes-Hinojosa G, Ferrante J, Flanagan JP. Unusual mortality event among marine iguanas (*Amblyrhynchus cristatus*) in the Galapagos Islands: clinical presentation and histopathologic results.
- Haulena M, Lahner LL, Murray M, Gaydos JK, Garner MM, Britt K, Harvell, CD, Marliave J, Miner B, Newton M. Multidisciplinary investigation of widespread sea star wasting syndrome-Part I: Epidemiology, clinical signs and histopathology.
- Lahner LL, Haulena M, Murray M, Gaydos JK, Hewson I, Garner MM, Newton M, Christiansen J, Hollander J, Knowles S. Multidisciplinary investigation of widespread sea star wasting syndrome-Part II: bacterial and viral genomics, electron microscopy and toxicology.
- July 27-aug 1, 2014 Wildlife Disease Association, Albuquerque, NM

Newton AL, Hewson I, Harvell CD, Burge C, Garner MM, LaDouceur E, Knowles S, Frasca S, Smolowitz R, Work TM, Miner B, Miner M, Raimondi P, Lahner L, Haulena M, Murray M, Gaydos JK, Wynne J. The Pacific Coast sea star mortality event: current status of the ongoing investigation

Sept 26-Oct 4, 2013

American Association of Zoo Veterinarians, Salt Lake City, Utah

Garner MM, Cullen JM, Gadi SR, A Kapoor. Predisposition to proliferative hepatocellular lesions in fennec foxes (*Vulpus zerda*)

Garner MM. Gross lesion recognition for the zoo clinician (Master Class)

Han S, Garner MM. Metastatic mineralization in 16 captive 2-toed sloths

Pastor A, West G, Swenson J, Cullen JM, Garner MM. Hepatocellular neoplasia in slender-tailed meerkat (*Suricatta suricatta hahni*)

Berlinski R, Hanley CS, Garner MM, Jafarey Y, Kinsella JM, Bradway D, Meyerson R. Slender-tailed meerkat (*Suricatta suricatta*) fatalities associated with intestinal trematodiasis (*Prosthodendrium naviculum*).

Stedman M, Garner MM, Goodnight A, Emanuelson K, Morris E. Histiocytoid Cardiomyopathy (Purkinje cell dysplasia) in a neonatal squirrel monkey. (Zoo and Wildlife Pathology Seminar)

Sept 14-19, 2013

Association of Reptile and Amphibian Veterinarians, Indianapolis, IN

Boyer TH, Garner MM, Reavill DR, Steffes ZJ. Common problems of leopard geckos (*Eublepharis macularis*)

May 18-19, 2013

Southeast Veterinary Pathology Conference, Tifton, GA
Leone A, Garner MM. Cutaneous squirrel fibromatosis

April 21-25, 2013

International Association of Aquatic Animal Medicine, Sausalito, CA

Tuomi P, Goertz C, Belovarac J, Hollmen T, Garner MM. Disseminated lymphoma and lymphocytic leukemia in a Steller's Eider (*Polysticta stelleri*)

Feb 17-19, 2012

Desert Tortoise Symposium, Las Vegas, NV
Johnson J, Garner MM, Braun J, Nussear KE, Esque TC, Drake K, Berger AJ. Chlamydiosis in a research population of juvenile desert tortoises

May 12-16, 2012

Jafary JS, Berlinski RA, Garner MM. Presumptive dysgerminoma in an orange-spot freshwater stingray (*Potamotrygon motoro*) (poster)

July 9-13, 2012

Gross Pathology Review Course, C. L. Davis DVM Foundation, Ft. Collins, CO, USA

Garner MM. Diseases of nonhuman primates

Aug 12-15, 2012

Garner MM. Diseases of zoo and exotic species
Association of Avian Veterinarians, Louisville, KY, USA

Garner MM, Van Buer K, Agnew DW, Wellehan JFX JR. Fatal enteritis associated with a Novel Atadenovirus Infection in Lorikeets. Graham J,
Garner MM, Drury Reavill D. Benzimidazole toxicity in rabbits. Graham J,
Garner MM, Drury Reavill D. Liver torsion in rabbits.
Garner MM. Gross lesions for the clinician in private practice (master class)
Garner MM. A retrospective study of disease in Rhamphastidae.
Anderson K, Garner MM, Reed HH, Case AL, Wolf KN. Aequan toxicosis in birds. (Avian Pathology Forum)

Aug 16, 2012

Pathology of Laboratory Animals, C.L. Davis DVM Foundation, Blacksburg, VA USA

Garner MM. Diseases of nonhuman primates
Garner MM. Diseases of Reptiles
Garner MM. Diseases of Amphibians

Oct 20-26, 2012

American Association of Zoo Veterinarians, Association of Exotic Mammal Veterinarians, Association of Reptile and Amphibian Veterinarians.
Garner MM, Huckabee J, Nordhausen RW. Polyarthritits associated with a novel poxvirus in big brown bats
Garner MM, Barten S, Kinsella JM, Gardiner CH, Tkach VV. Oral nematodiasis in juvenile crested geckos (*Rhacodactylus ciliatus*)
Garner MM, Lung NP. Scurvy in a tamandua, (Zoo and Wildlife Pathology Seminar)
LaDouceur EEB, Garner MM, Wynne J, Fish S, Adams L. ulcerative bell lesions in moon jellies (Zoo and Wildlife Pathology Seminar)
Anderson K, Garner MM, Reed HH, Cook KA, Aguilar R, Horton S, Case AL, Wolf KN. Hemorrhagic diathesis in avian species following intramuscular administration of polysulfated glycosaminoglycan.

Leone AM, Crawshaw GJ, Garner MM, Frasca SJr, Farina LL. A retrospective study of the lesions associated with iron storage disease in captive Egyptian fruit bats (*Rousettus aegyptiacus*)

Goe A, Swenson J, West G, Garner MM, Evans J. Two cases of suspected polioencephalomalacia secondary to thiamine deficiency in white-fronted marmosets (*Callithrix geoffroyi*) exhibiting concurrent clinical signs of wasting marmoset syndrome.

Johnson JD, Garner MM, Braun J, Bradway D. Chlamydiosis in a research population of desert tortoises (*Gopherus agassizii*)

Gamble KC, Garner MM, Wolf C. iron storage disease susceptibility profiles in Asian hornbills.

Seeley KE, Clayton LA, Hadfield CA, Garner MM. Retrospective review of morbidity and mortality in giant Pacific octopus (*Enteroctopus dofleini*) at the National Aquarium from 2004-2012.

Sanchez CR, Drees R, Dunnum J, Yanez I, Gaffney PM, Garner MM,

Kinsel MJ. Nasal carcinoma in the Mexican and United States populations of Mexican gray wolves (*Canis lupus baileyi*)

Nov 10-11, 2012

GMCAE Scientific Meeting, Barcelona, Spain (Keynote Speaker)

Garner MM. Ten most common diseases of Guinea Pigs

Garner MM. Emerging diseases of reptiles

Garner MM. Enteric inflammatory diseases of the domestic ferret

Garner MM. Whats new in Rabbit diseases

Garner MM. Ten most common diseases of birds

Garner MM. Introduction to diagnostic cytology

Garner MM. Cytology Wet Lab (4 hrs)

Dec 4-8, 2012

American College of Veterinary Pathologists, Seattle, WA USA

Garner MM, Huckabee J, Nordhausen RW. Necrosuppurative polyarthritis associated with a novel poxvirus in big brown bats (*Eptesicus fuscus*)

Wickins SC, Sheppard BJ, Coleman J, Roero LD, Larson S, Smith AD, Nordhausen RW, Garner MM. Histopathological, ultrastructural and molecular studies on an infectious agent in Pacific spiny lump suckers (*Eumicrotremus orbis*) (Poster)

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Jan 15-17, 2011

North American Veterinary Conference, Orlando, Florida

Garner MM. Trends in reptile Neoplasia. Garner MM. Clinicopathologic features of select disease entities in the bearded dragon.

Garner MM. The reptile necropsy: collection and submission of samples

Garner MM. How to submit a sample to your pathologist

Garner MM. 'osis, 'it is, and virus: differentiating mycobacteriosis, disseminated idiopathic myofasciitis and systemic coronavirus in the domestic ferret.

Garner MM. Thyroid tumors in caviés.

Garner MM. Hayward found a new virus: how it changed our approach to elephant herpesvirus diagnosis.

Garner MM. How can a necropsy save a life? Why pathology is important in captive collections.

Jan 27-28, 2011

University of Florida marine Biology Symposium
Wickins S, Garner MM, Lawson S, Suanders G. Parasitic infection in captive Pacific spiny lumpsuckers (*Eumicrotremus orbis*)

April 13-17, 2011

Zoo Pathology and Reproductive Management course, Buen zoo, Santiago, Chile

Garner MM: Diseases of Amphibians.

Garner MM: A review of common diseases of pet rabbits.

Garner MM. Inclusion body disease in snakes, A Review.

Garner MM. Wobbly hedgehog syndrome.

Garner MM. Selected old and new diseases of reptiles.

Garner MM. Avian noninfectious skin disorders. Zoos.

Garner MM. Avian Biopsy and Necropsy Techniques for Clinical Veterinarians.

Garner MM. Emerging Diseases of Ferrets: Myofasciitis and Systemic Coronavirus Infection

Garner MM. A retrospective study of diseases in macaws

Garner MM. Banished Bunnies: Propagating Disease in the Pygmy Rabbit Recovery Program"

April 26-30, 2011

11th European Association of Avian Veterinarians Conference & 1st European College of Zoological Medicine Meeting. Madrid, Spain.

Practical Laboratory: Juan-Sallés C & Garner MM: Avian necropsy technique and sampling with interactive gross pathology seminar of common clinical presentations/gross lesions. Proceedings 11th EAAV Conference & 1st ECZM Meeting, pp. 476-486

Oral communication: Juan-Sallés C, Mainez M, Montesinos A, Sáenz I, Ardiaca M, Garner MM: *Malassezia*-like infection in passerines with feather loss and hyperkeratosis: 10 cases. Proceedings 11th EAAV Conference & 1st ECZM Meeting, pp. 159-161.

Aug 6-12, 2011

Association of Avian Veterinarians, Association of Exotic Mammal Veterinarians, Association of Reptile and Amphibian Veterinarians, Seattle, WA, USA

Garner MM. Avian Necropsy Laboratory (Wet lab)

Garner MM. Reptile Necropsy Laboratory (wet lab)

Garner MM. Diseases of Pet Chinchillas, Hedgehogs, and Sugar Gliders (masterclass)

Harrenstien L, Finnegan M, Case A, Woodford N, Mansfield K, Garner MM, Becker P, Disease Issues Affecting Species Recovery of Pygmy Rabbits (poster)

Oct 22-29th, 2011

American Association of Zoo Veterinarians, Kansas City, MO, USA
Garner MM. A retrospective study of diseases in elasmobranchs

Miller HC, Garner MM. Risk factors associated with cardiomyopathy in opossums (*Didelphus* sp)

Graham JE, Garner MM, Reavill D. Liver torsions in domestic rabbits (*Oryctolagus cuniculus*).

Sama MA, Garner MM, Bowman MR, Cole GA, Proudfoot JS. *Sarcocystis* sp. Meningoencephalitis in a red panda (*Ailurus fulgens fulgens*)

Miller HC, Garner MM. Gastrointestinal stromal cell tumor: Diagnosis and follow-up in a spider monkey (*Ateles fusciceps*)

Hanley CS, Galle J, Issacs A, Garner MM, Kiupel M. Diagnostic Imaging and Surgical Resection of a Malignant Meningioma in an African Hunting Dog (*Lycaon pictus*)

Nov 2, 2011

Joint Pathology Center, Department of Defense, Forest Glen, Maryland
Moderator, Wednesday Slide conference

Nov 9-10, 2011

Florida Genetics, Gainesville, Florida Wickins, SC, Sheppard, BJ, Coleman, J, Roero, LD, Larson, S, Smith, AD, Nordhausen, RW and Garner, MM. Investigation into the Parasitic Infection of Pacific Spiny Lumpsuckers (*Eumicrotremus orbis*). (Poster)

Nov 12-13, 2011

XXVI Reunión del Grupo de Medicina y Cirugía de Animales Exóticos (GMCAE) – AVEPA. Murcia, Spain, 12-13/11/11
Juan-Sallés C, Mainez M, Marco A, Garner MM: Anemia mortal en un guacamayo (*Ara ararauna*) juvenil infectado por circovirus. Resúmenes de Ponencias, pp. 8-9

Mainez M, Juan-Sallés C, Garner MM: Adenocarcinoma tiroideo ectópico metastático en un erizo pigmeo (*Atelerix albiventris*). Resúmenes de Ponencias, pp. 15-16

Nov 12/13, 2011 British Veterinary Zoological Society, Fall Meeting, Chesire, UK
Stidworthy MF, Garner MM, Bradway DS, Westfall BD, Joseph B, Repetto S, James R, Thornton SM. Fatal systemic scuticociliatosis in aquarium sharks

Nov 15, 2011 Association of Northwest Avian and Wildlife Veterinarians
Garner MM. Gross lesions for clinicians.

May 7-11, 2011 International Association of Aquatic Animal Medicine
Tuomi P, Polasek L, Garner M, Steinberg H, Goertz C. Concurrent megaesophagus and intestinal volvulus in two captive harbor seals (*Phoca vitulina*)

June 1-4, 2011 European Association of Zoo and Wildlife Veterinarians
International Conference of Diseases of Zoo and Wild Animals, Libson Zoo, Portugal

Schumacher VL, Innis C, Garner MM, Risatti GR, Nordhausen R, Gilbert-Marcheterre K, Frasca JR S.
Diagnosis of Sulawesi tortoise adenovirus-1 in impressed tortoises (*manuria impressa*) using improved detection methods

May 8-12, 2010 International Association of Aquatic Animal Medicine 41st Annual Conference, Vancouver, BC

Tuomi P, Garner MM, Goertz C, Burek K. First report of a poxvirus infection in a Northern sea otter (*Enhydra lutris kenyoni*)

May 30th-June 4th, 2010 Wildlife Disease Association Annual Conference, Puerto Iguazu, Argentina

Gaydos JK, Lambourn D, Jeffries S, Garner MM, Ewalt D, Rhyan J, Raverty S. Marine Brucella in harbour seals (*Phoca vitulina*) from Washington State

Aug 1-5, 2010 Association of Avian Veterinarians, Association of Exotic Mammal Veterinarians, Avian/Small Mammal Pathology Seminar, San Diego, CA

Garner MM. Avian necropsy techniques (wet lab)

Garner MM, Powers L. Diseases of Domestic Ferrets (Master Class)

Garner MM, Lannghor IM, Kiupel M. Pituitary tumors in budgerigars (*Melopsitticus undulatus*)

Garner MM, Kiupel M, Munoz JF. Brain tumors in African hedgehogs (*Atelerix albiventris*)

Garner MM. A retrospective study of diseases in macaws

Johnson-Delaney CA, Kiupel M, Garner MM. A novel Mycoplasma isolated from ferrets

Messinger GA, Garner MM. Proventricular cryptosporidiosis in small psittacines

Juan-Salles C, Morera N, Riera A, Montesinos A, Ardiaca M, Garner MM. Mycobacteriosis in a ferret (Pathology Seminar)

Juan-Salles C, Mainez M, Garner MM. Vulvar carcinosarcoma in a African Hedgehog (Pathology Seminar)

Juan-Salles C, Mainez M, Montesinos A, Saenz I, Garner MM. Malassezia-associated hyperkeratotic dermatitis in a canary (Pathology Seminar)

Aug 16-19, 2010

8th Annual Symposium on the Conservation and Biology of Tortoises and Freshwater Turtle Specialist Group (Joint Annual Meeting of the Turtle Survival Alliance and IUCN Tortoise and Freshwater Turtle Specialist Group)

Praschag P, Gibbons P, Boyer T, Wellehan J, Garner M. An outbreak of intranuclear coccidiosis in Pyxis spp. tortoises

Sep 1-17, 2010

First Annual Conference of the European Association of Veterinary Laboratory Diagnosticians

Maes RK, Wise AG, Garner MM, Kiupel M. Systemic Coronavirus infection in ferrets (*Mustela putorius furo*)

Oct 6-9, 2010

Association of Primate Veterinarians 38th Annual Workshop

Alvarodo TP, Storms TN, Raines J, Lyashchenko KP, Garner MM. Atypical mycobacteriosis in a black handed spider monkey (*Ateles geoffroyi*)

Oct 22-29, 2010

American Association of Zoo Veterinarians, Association of Reptile and Amphibian Veterinarians, 17th Annual Zoo/Wildlife Pathology Seminar, South Padre Island, TX

Garner MM. Reptile necropsy techniques (Wet lab)

Garner MM. Renal adenocarcinoma in a King snake (Zoo/Wildlife Pathology Seminar: case presented by Dr. Dalen Agnew due to travel delays)

Garner MM. Clinico-pathologic features of calcinosis circumscripta in amphibians

Garner MM, Munoz JF, Kiupel M. Clinico-pathologic features of cutaneous melanoma in snakes

Miller CL, Garner MM, Walsh A, Pope B, Goodnight AL. Recent cases of skeletal fluorosis in captive colonies of fruit bats (*Artibeus jamaicensis*, *Pteropus hypomelanus*, *pteropus vampyrus*) at multiple institutions

- Wilson E, Garner MM. Erysipelothrix in two red kangaroos (*Macropus rufus*)
- Zimmerman D, Mitchell M, Watson M, Garner MM. Investigation of metastatic soft tissue mineralization in captive Komodo dragons (*Varanus komodoensis*)
- Gyimesi ZS, Garner MM, Burns RB, McDonald D. Hepatopathy in zoo Loricifera: Is diet-induced hypervitaminosis A the cause?
- Wojcik KB, Garner MM, Mylniczzenko ND. Amyloidosis in pygmy marmosets (*Callithrix pygmaea*)
- Soto S, Rosas-Rosas A, Garner MM, Gallego M, Juan-Salles C. Ascending renal flagellate protozoan infection in reptiles
- Oct 30-Nov. 3rd, 2010 American College of Veterinary Pathologists Annual Meeting, Baltimore, MD
- Desjardins D, Johnson-Delaney CA, Lim A, Bolin S, Garner MM, Kiupel M. Respiratory Disease in ferrets (*Mustela putorius furo*) associated with an unknown mycoplasma
- Nov 13-14, 2010 XXIV Reunión Científica del GMCAE (Grupo de Medicina y Cirugía de Animales Exóticos), Mallorca, Spain
- Juan-Salles C, Garner MM. Enfermedades y lesiones frecuentes in erizos.
- Juan-Salles C, Melian A, Durkes A, Ramos-Vara JA, Garner MM. Neoplasia de la granulosa en primates: 14 casos
- Juan-Salles C, Mainez M, Ramos-Vera JA, Garner MM, Domingo R. Sarcoma/carcinosarcoma endometrial en erizos:14 casos
- Jan 29-31, 2009 Congreso de la Asociación Ibérica de Zoos y Acuarios (ponente invitado) Tabernas(Almería), España, Ponencia: Juan-Sallés C, Garner MM, Valls X, Montesinos A, Ardiaca M, Borrissier F, Roqueta E: Patología cutánea: anfibios, reptiles y aves
- Feb 13-15, 2009 La crisis de los anfibios: conservación, manejo y patología Patología de anfibios Zoo de Barcelona .Juan-Sallés C, Garner MM, Valls X. Patología de anfibios.
- Aug 2-7, 2009 Wildlife Disease Association, Blaine Washington
- Yabsley MJ, Greiner E, Tseng FS, Garner MM, Nordhausen RW, Ziccardi MH, Borjesson DL, Zabolotsky S. Description of a novel Babesia species and associated lesions from common murrelets (*Uria lomvia*) from California
- Aug 8-16, 2009 Association of Avian Veterinarians, Association of Reptile and Amphibian Veterinarians, Association of Exotic Mammal Veterinarians, Avian Pathology Seminar, Milwaukee

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*

Garner MM. A retrospective study of the diseases of geckos.

Garner MM, Bradway D, Gailbreath K, Agnew D. An update on coxiellosis in psittacines.

Ritzman TK, Garner MM. Cholelithiasis and surgical choleliths removal in a bearded dragon (*Pogona vitticeps*)

Garner MM. Chelonian necropsy technique. (Wet lab)

Gibbons PM, Garner MM. Pathological aspects of thyroid tumors in guinea pigs (*Cavia porcellus*)

Gibbons PM, Garner MM. Mammary gland tumors in guinea pigs (*Cavia porcellus*)

Garner MM. Diseases of Amphibians. (Master Class)

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*)

Garner MM, Bursey C, Griener EC, Gardiner C, Wendland L, Innis C, Pearson DW, Pearson M. Larval Migrans in Tortoises: Eight Cases.

Garner MM, Moore I, Kiupel M. Giant cell Sarcomas in pet rabbits.

Garner MM. A review of common diseases of pet rabbits. (Master Class)

Garner MM. Cryptococcosis in a moluccan cockatoo. (Avian Pathology Seminar)

Oct 8-11, 2009

American Association of Veterinary Laboratory Diagnosticians/ C.L. Davis Symposium, San Diego

Garner MM. Amphibian diseases

Garner MM. Selected old and new diseases of reptiles.

Oct 24-30, 2009

American Association of Zoological Veterinarians, Tulsa

Pathology Session (Session Chair)

Agnew DW, Trupkiewicz J, Newton AC, Garner MM. Danger is only skin deep: Dermal neoplasms in African hunting dogs (*Lycaon pictus*)

Mutlow A, Garner MM. Myocardial disease in captive meerkats (*Suricata suricata*)

Rosas Rosas AG, Perez JG, Paras A, Benitez MA, Juan-Salles C, Garner MM. Diagnostic investigation of *Pseudomonas aeruginosa*

infection in chicks of golden eagle (*Aquila chrysaetos*), scarlet macaw (*Ara macao*), and horned guan (*Oreophasis derbianus*)

Wainstein M, Garner MM, Bowman M, Proudfoot J, Ramer J.
Granulomatous nephritis in the seahorse

Dec 5-9, 2009

American College of Veterinary Pathologists, Monterey, CA

D'Amore A, St. Leger J, Pessier M, Garner M, Cox C, Kindy M, Nilson E, Miller L. Pathologic features of systemic AA amyloidosis in captive flamingos (poster)

Langohr LM, Kiupel M, Garner M. Pituitary tumors in budgerigars (*Melopsittacus undulatus*)

Garner MM, Moore I, Kiupel M. Giant cell sarcomas in pet rabbits.

Feb 4-6, 2008

University of Florida

Garner MM. Systemic coronavirus infection in domestic ferrets.

Garner MM. Myofasciitis in domestic ferrets.

Garner MM, The role of the zoo pathologist and select diseases of zoo animals.

Garner MM. Gross and histopathology seminars

April 8-9, 2008

Sea Dragon Symposium, Dallas, Texas

Garner MM. Diseases of Captive Sea Dragons

April 11, 2008

Dutch Society of Wildlife Health

St. Leger JA, Begeman L, Frasca S, Garner MM, Lair S, Trembley M, Linn MJ, Fleetwood M, Terio K. Comparative pathology of nocardiosis in marine mammals.

April 25-27, 2008

23rd annual symposium on Exotic Animal Medicine, University of California, Davis.

Garner MM. Systemic coronavirus infection in domestic ferrets.

Garner MM. Myofasciitis in domestic ferrets.

Garner MM, The role of the zoo pathologist and select diseases of zoo animals.

Spring 2008

Annual International Conference of the Wildlife Disease Association, Alberta Canada

McAloose D, Pramuk J, Raphael B, Calle P, Raske M, Shellabarger W, Odum A, Garner MM, Duncan A. Mortality summary (2000-2007) in critically endangered Kihansi spray toads (*Nectophrynoides asperginis*).

Spring 2008, Eastern fish Health Workshop

Boylan SM, Harms CA, Garner MM, Law JM, Cassell J, Fatzinger MH, Miller S, Dykstra M, Hecker B. Periorbital matrix accumulations in wild-caught scad (*Decapterus* spp) kept in captivity from the coasts of North and South Carolina.

Spring 2008 International Association of Aquatic Animal Medicine

Tuomi P, Hollmen T, Goertz C, Garner MM. Intestinal adenocarcinoma in a Stellar's eider.

Aug 9-14, 2008 Association of Avian Veterinarians, Association of Exotic Mammal Veterinarians Savannah, Georgia

Hannon DE, Bemis DA, Garner MM. *Mycobacterium marinum* infection in a blue-front Amazon parrot (*Amazona aestiva*).

Garner MM, Latimer K, Harrach B, Nordhausen RW. Adenovirus nephropathy in the budgerigar, (*Melopsittacus undulatus*).

Garner MM. Diseases of caviars. (Masterclass)

Garner MM. Systemic coronavirus infection in domestic ferrets (*Mustela putorius*).

Aug 26-30, 2008 3er curso de Patologia en Fauna Silvestre, Universidad Nacional Autonomia, Mexico City

Garner MM, Diseases of Amphibians (Workshop)

Sep 17-21, 2008 European Society for Veterinary Pathology, Dubrovnik, Croatia

Kiupel M, Garner MM, Wise A, Ramsell KD, Maes R. Systemic coronavirus-associated disease resembling feline infectious peritonitis in the domestic ferret (*Mustela putorius*).

Oct 11-15, 2008 American Association of Zoo Veterinarians, Association of Reptile and Amphibian Veterinarians

Rosas-Rosas AG, Castro JC, Juan-Salles C, Garner MM. Perinatal mortality in a colony of captive horned guan (*Oreophasis derbianus*).

Garner MM. A retrospective study of disease in monitor Lizards (*Varanus spp*).

Garner MM. Chelonian necropsy technique (wet lab).

Hanley CS, Garner MM. Immune-mediated erythroid hypoplasia and anemia in an african clawless otter (*Aonyx capensis*).

Aguilar RA, Cohan D, Hunnicutt M, Carroll JP, Garner MM. Teetering on the brink: a massive mortality episode in captive masked bobwhite quail (*Colinus virginianus ridgewayi*).

Perpinan D, Garner MM, Wellehan FXS, Armstrong DL. REovirus infection in Budgerigars (*Melopsittacus undulatus*).

Perpinan D, Trupkiewicz JG, Armstrong S, Garner MM, Armstrong DL. Dermatitis in captive Wyoming toads (*Bufo baxteri*) associated to *Fusarium* Spp.

Garner MM. Systemic coronavirus infection in domestic ferrets (*Mustela putorius*).

Hanley CS, Rosenthal JG, Shellabarger WC, Gould RL, Ramer J, Garner MM. A new application for endothelial inhibitors: intralesional therapy.ccs

Bowman MR, Garner MM, Giray C, Ramer JC, Stringer EM, Trupkiewicz J. A novel adenovirus in wild-caught dusky smooth-hounds (*Mustela canis*).

Rivera S, Wellehan JFX, McManamon R, Diaz-Figueroa O, Frasca S, Garner MM, Gregory CR, Innis CJ, Marlar AB, Nyaoke A, Raphael B, Risatti GR. An epizootic in Sulawesi tortoises (*Indotestudo forstenii*) caused by a novel siadenovirus.

McAloose D, Calle P, Farina L, Garner MM, Georoff T, Heard D, James S, Miller C, Miller D, Moore DR, Murphy D, Pramuk J, Raphael B, Rodriguez C, Schiller C, Spriggs M, Valitutto M, High mortality in captive Coqui frogs (*Eleutherodactylus coqui*).

Dec 4-7, 2008

Pacheco MA, A. Escalante A, Orr K, Garner M, Aguilar RF. Acute Mortality and Malaria in Captive Masked Bobwhite Quail. Proceedings of the Wildlife Society of the New Zealand Veterinary Association 2008 Conference. Palmerston North, New Zealand. Pp 11.

May 16-19, 2007

43rd International Symposium on Diseases of Zoo and Wild Animals. Edinburgh
Rosas-Rosas AG, Juan-Sallés C, Ramos-Vara JA, Garner MM. Multiple Endocrine neoplasia in two captive white rhinoceros (*Ceratotherium simum simum*).

May 5-9, 2007

38TH Annual International Association of Aquatic Animals Conference, Orlando, FL.
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*).

July 25-28, 2007

5th Annual Symposium on Conservation & Biology of Tortoises & Freshwater Turtles.
Rivera S, Diaz-Figueroa O, Frasca Jr S, Garner MM, Gregory CR, Innis CJ, Marlar, McManamon R, Nyaoke A, Raphael BL, Risatti GR, Wellehan Jr JFX.
Medical management of a group of confiscated *Indotestudo forstenii*.

- Sep 9, 2007 Association of Northwest Avian Veterinarians/Pacific Northwest Herpetological Society.
Garner MM. Inclusion body disease in boids, A Review.
- Oct 4-7, 2007 Infectious Diseases Society of America, San Diego, CA
Gaydos JK, Lambourn D, Lockwood S, Jeffries S, Ewalt D, Garner MM, Sidor S, Stephen Raverty S. Endemic marine *Brucella* sp. infection in harbor seals: Is there human risk?
- Oct 19, 2007 14th Annual Zoo and Wildlife Pathology Workshop, Knoxville, TN
Diaz-Figueroa O, Marlar AB, Charles J. Innis CJ, Garner MM, et al. Adenovirus in Forsten's tortoises

Garner MM, Helmick K, Ochsenreiter J, Richman LK, Latimer E, Wise AG, Maes RK, Kiupel M, Nordhausen RW, Zong JC, Hayward GS. A new strain of fatal herpesvirus in an Asian elephant.
- Oct 20-26, 2007 American Association of Zoo Veterinarians, American Association of Wildlife Veterinarians, Nutrition Advisory Group, annual meeting, Knoxville, TN.

Stringer EM, Garner MM, Ramer JC, Proudfoot JS. Chromomycosis of the shell in an Aldabra tortoise (*Geochelone gigantea*). (Poster)

Myers G, Garner MM, Barrie M, Yach C, Pribyl G. Fenbendazole toxicosis in sharks, 64-65.

Helmick KE, Rush EM, Ogburn AL, Trupkiewicz JG, Garner MM. Dermatopathy in captive hippos (*Hippopotamus amphibious*).

Garner MM, Colburn M, West G, Scott R, Trupkiewicz J, Bradway D, Barr B, Nordhausen RW. A fatal disease caused by a *Coxiella*-like bacterium in psittacines.

Garner MM, Chilton J, Jacobson E. Gastric endocrine carcinoma in the bearded dragon, an emerging malignancy.

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- Silverstone AM, Garner MM, Wojcieszyn JW, Couto CG. Lymphoblastic leukemia in a diamondback terrapin (*Malaclemys terrapin*). (poster)
- Sep 18, 2001 8th Annual Zoo and Wildlife Pathology Workshop, Orlando, Florida
- Co-Moderators: MM Garner, L Munson
- Garner MM, Raymond JT, Dover S. *Myoporum* toxicosis in two capybara.
- Rico-Hernandez G, Juan-Sallés C, Garner MM, Nordhausen R, Barr B. Besnoitiasis in mara.
- Cucchi-Stefanoni K, Eslava CA, Juan-Sallés C, Garner MM, Parás A. Fatal hemorrhagic enteritis associated with *E. coli* in a wildebeest.
- Raymond JT, Wilette MM, Kanitz C, Garner MM. Encephalomyocarditis virus infection in a hippopotamus.
- Aug 22-24, 2001 Proceedings, Association of Avian Veterinarians, Orlando, Florida
- Romagnano A, Wolf S, Garner MM. In ovo aspiration of amniotic fluid in psittacine embryos.
- Garner MM, Romagnano A, Wolf S, Raymond JT. Seven cases of follicular goiter in a closed psittacine aviary 55-57.
- Garner MM, Romagnano A, Wolf S, Gardiner C, Greiner E, Lipscomb T. Three psittacine fatalities due to an unidentified sporozoan parasite infection in a closed psittacine aviary.
- Aug 23, 2001 Third Annual Avian Pathology Workshop, Orlando, Florida
- Garner MM. Hyaline glomerulopathy in a neonatal blue and gold macaw.
- June 19, 2001 Garner MM. Avian Necropsy Techniques. Association of Northwest Avian and Wildlife Veterinarians. Everett, WA
- May 2001 Sherrill J, Kopit M, Garner M, Gardiner C: Verminous rhinitis in a captive California sea lion (*Zalophus californianus*) as a cause of chronic, bilateral nasal discharge. Proceedings, International Association for Aquatic Animal Medicine, Tampa Bay, Fl. May 2001
- April 20, 2001 Garner MM, Gamble K, Alvarado T, Levens GP, Raymond JT, Nordhausen R. Pathology of suspected fenbendazole intoxication in three Fea's Vipers (*Azemiops feae*)
- 6th International Symposium on the Pathology of Reptiles and Amphibians
- Nov 2000 James SB, Martin JC, and Garner MM,

- Diagnosis and treatment of *Escherichia Coli* septicemia in a Matschie's tree Kangaroo (*Dendrolagus matchiei*). British Zoological Society Conference on Emergency Animal Care in Zoo Animals
- Oct 2000 Association of Reptile and Amphibian Veterinarians, 7th annual conference, Reno, NV
- Garner MM, Collins D, Joslin J, Nordhausen B, Garber R
Fatal systemic herpesvirus infection in three Mexican giant tree frogs, *Pachymedusa dacnicolor*
- Duncan AE, Garner MM, Reichard T, Bartholomew J, Nordhausen R, Raymond JT. Renal myxosporidia in Asian horned frogs *Megophrys nasuta*
- Raiti P and Garner MM
Uremic encephalopathy in a leaf-tailed gecko, *Uroplatus henkeli*
- Garner MM, Collins D, Joslin J, Didier E, Nordhausen R
Microsporidiosis in a closed colony of pink-tongued skinks, *Hemisphaeriodon gerrardi*
- Koplos P, Garner MM, Besser T, Nordhausen R, Monaco R
Cheilitis in lizards of the genus *Uromastyx* associated with a filamentous gram-positive bacterium.
- Boyer TH, Garner MM, Jacobson ER
Intranuclear inclusion disorder in *Morelia spp.*
- Garner MM, Raymond JT, Nordhausen RW, Jacobson ER
Inclusion body disease in captive palm vipers, *Bothriechis marchi*
- Lung NP, Garner MM
Gas bubble disease in Malaysian painted terrapins, *Callagur borneoensis*
- Oct 10, 2000 Garner, MM
Avian viral and parasitic diseases
Association of Northwest Avian and Wildlife Veterinarians
- Sep 17, 2000 7th Annual Zoo and Wildlife Pathology Workshop, New Orleans, Louisiana
- Garner MM, Dunker F, Nordhausen RW, and Barr B
Fatal disseminated yeast infection in a brown pelican
- Yanez I, Ramos X, Delgadillo A, Gual F, Garner MM
Paramyxovirus infection in a black tailed viper (*Crotalus molossus nigrescens*)
- Raymond JT, Topham K, Garner MM
Tyzzer's disease in a rainbow lorikeet.
- Juan-Sallés C, Parás A, García-Feria L, Garner, MM, Ramos-Vara JA, Luna MA, Martínez O, Hernández A
Leptospirosis in a Mexican grey wolf (*Canis lupus baileyi*)

Sep 17-21, 2000

Joint Conference, Association of Zoo Veterinarians and International Association of Aquatic Animal Veterinarians:

Garner MM, Raymond JT, Nordhausen RW, Jacobson ER
Inclusion body disease in captive palm vipers (*Bothriechis marchi*)

Garner MM, Kapustin N, Proudfoot JS, Wojcieszyn J, Wu CC
Fatal blastomycosis in two captive sea lions (*Zalophus californianus*)

Joslin JO, Garner, MM, Collins D, Kamaka E, Sinibaldi K, Meleo K, Montali, R, Sundberg J, Jenson AB, Ghim SJ, Davidow B, Hargis M, Clark T, Haines D
Viral papilloma and squamous cell carcinomas in snow leopards

Raymond JT, and Garner MM
Cardiomyopathy in captive African hedgehogs

Juan-Sallés C, Marco, A, Valls X, Ruiz JM, Garner MM, Ramos-Vara JA, Resendes A, and Vergés J.
Unusual clinicopathological findings of chronic colitis associated with anemia, myopathy and steatitis in a common marmoset (*Callithrix jacchus*)

Stringfield CE, Garner, MM, Holshuh HJ.
Addison's disease in a Grey seal (*Halichoerus grypus*)

Proudfoot JS, Garner, MM, Prieur D, Brown R.
Lysosomal storage disease in Costa's hummingbirds (*Calypte costae*)

Rasmussen JM, Garner MM, Petrini KR
Presumptive volatile organic compound intoxication of sharks and teleost fish in a newly constructed aquarium: Why fish and paint fumes just don't mix.

Aguilar RF, Hilliard D, Martinez ME, Dierenfeld E, and Garner MM
Veterinary outreach: Coordinating technology transfer and professional training programs in Latin America

Aug 31, 2000

Garner MM, Latimer KS, Nordhausen R, Bennet T, Kovar L
Idiopathic syncytial cell disease in two Moluccan cockatoos
Second Annual Avian Pathology Workshop, Portland, Oregon

Aug 30- Sep 1, 2000

Proceedings, Annual Meeting, Association of Avian Veterinarians
Portland, Oregon:

Garner MM.
The cytology of avian neoplasia, avian specialty advanced program

Garner MM, West G, Talcott P.
Five lorikeets with hemochromatosis associated with high concentrations of dietary iron

Garner MM, Cui J, Murray S, Lung NP
Fatal acute clostridial enteritis and detection of the causative agent by gene sequencing

Romagnano A, Wolf S, Brue RN, Garner MM

Management of diseases and syndromes in a closed psittacine nursery
Masters Class

Latimer KS, Garner MM, Reavill DR, Schmidt RE et al
Adverse reactions associated with avian polyomavirus vaccination

Ritchie BW, Gregory CR, Latimer KS, Garner, MM
Documentation of a PBFV virus variant in lorries

May 13-14 2000

Mayer J., Martin JC., Garner M., deHoog S. 2000 Chromoblastomycosis due to a synanamorph of *Veronaea botryosa* in a colony of White's Tree Frogs (*Litoria caerulea*). Proceedings of the British Veterinary Zoological Society Spring Meeting, Cotswolds, United Kingdom

April 27, 2000

Diseases of ferrets
Washington State University

March 21, 2000

Common and emerging diseases of ferrets
Association of Northwest Avian Veterinarians

Nov 18, 1999

Common ferret diseases
Guest lecturer
Seattle-King County Veterinary Medical Association, South Snohomish County Chapter

Nov 14, 1999

A retrospective study of ferret lesions submitted to Northwest ZooPath: 181 cases, 1994-1999.
Ferret Veterinary Medical Conference
Portland, Oregon

Oct 1999:

Proceedings: Association of Reptile and Amphibian Veterinarians, Columbus, Ohio
Jacobson ER, Greiner E, Terrell S, and Garner MM
Intranuclear coccidiosis of tortoises

6th Annual Zoo and Wildlife Pathology Workshop, Columbus, Ohio
Garner MM, Lamm M, Nordhausen B, Didier, E.
Fatal microsporidiosis in three sibling emperor tamarins, 1999

Proceedings: American Association of Zoo Veterinarians, Columbus, Ohio.

Aguilar RF, Topham, K, Heatley, JJ, Nichols D, Cross J, Bauer R and Garner, MM

Neural angiostrongylosis in nonhuman primates: Diagnosis, treatment and control of an outbreak in southern Louisiana, 1999.

Proceedings: American Association of Zoo Veterinarians, Columbus, Ohio.

Juan-Sallés C, Prats N, Ruiz JM, Valls X, Giné J, Garner MM, Vergés, Marco, A

Antioxidant status in a squirrel monkey (*Saimiri sciureus*) with chronic pancreatitis and degenerative myopathy, 1999.

Proceedings: American Association of Zoo Veterinarians, Columbus, Ohio.

Topham KJ, Aguilar RF, and Garner, MM

Dirofilaria immitis Infection in a colobus (*Colobus guereza caudatus*), 1999

Proceedings: American Association of Zoo Veterinarians, Columbus, Ohio.

Juan-Sallés C, Borrás D, Valls X, Garner MM, Marco A, Vergés J, Ramos-Vara JA

Angiocentric cerebral sarcoma in a common marmoset (*Callithrix jacchus*), 1999

- Sep 1999: Proceedings: American Zoological Society Annual Meeting, Minneapolis, Minn.
Rasmussen, J and Garner, MM
Presumptive volatile organic compound intoxication of sharks and teleost fish in a newly constructed aquarium
- May 1999 All Florida Herpetology Conference (concepts of reptile disease and surgical techniques), An overview of the pathology of reptiles and amphibians
- Oct 1998 Proceedings: Annual Meeting of Association of Zoo Veterinarians, Omaha, Nebraska
Seven new cases of intranuclear coccidiosis in tortoises: An emerging disease?
- Oct 1998 5th annual Zoo and Wildlife Pathology Workshop, Omaha, Nebraska.
Microsporidiosis in a leopard shark
- Oct 1998 Association of Northwest Avian Veterinarians
A survey of avian diseases submitted to a Private Zoo Pathology Service, 1995-1997
- Sep 1998 Proceedings: Third International Symposium on Aquatic Animal Health, Baltimore, MD
Microsporidiosis in leopard sharks
- March 1998 Proceedings: National Wildlife Rehabilitation Association, 1998, Seattle, WA
The role of pathology in wildlife rehabilitation
DeGhetto, D and Garner, M. Chlamydiosis in raccoons.
- March 1998 Proceedings: Lambourn, D, Jeffries S, Polzin L, Ewalt D, Garner MM.
Puget sound Research Conference, Disease screening of harbor seals (*Phoca vitulina*) from Gertrude Island, Washington. 881-889, 1998
- Fall 1997 Washington State University
Seminar: Brucellosis in pinnipeds
- Sep 1997 4th annual Zoo and Wildlife Pathology Workshop, Houston, TX
Endometrial stromal sarcoma in a Uakari.
- Sep 1997 Proceedings, Annual conference of the American Association of Zoo Veterinarians, Houston, TX: Brucellosis in pinnipeds from Puget Sound, Washington.

Sep 1997 Proceedings, Annual Conference of Association of Reptile and Amphibian Veterinarians, Houston, TX: Xanthomatosis in geckos, five cases

Sep 1996 3rd Annual Zoo and Wildlife Pathology Workshop, Puerto Vallarta, Mexico
Fatal hepatic sarcocystosis in two polar bears.

Aug 1995 2nd Annual Zoo and Wildlife Pathology Workshop, East Lansing, Michigan: Dissecting aortic aneurysm in an ostrich

Aug 1995 Proceedings, Joint Conference of the American Association of Zoo Veterinarians, Wildlife Disease Association, and American Association of Wildlife Veterinarians, East Lansing, Michigan

Diseases of Solomon Island leaf frogs at the Woodland Park Zoo A retrospective study of 75 Cases, 1990-1995.

Chondrosarcoma in a corn snake.

May 1995 Association of Northwest Avian Veterinarians, Seattle, WA
Selected infectious diseases of snakes.

April 1995 Proceedings of the Fourth International Conference: Effects of Oil on Wildlife, Seattle, WA, April 12-14, 1995. Burgess ME, DeLorenzo TM, Garner MM, Friedman AJ: Pathology, chemical analysis and rehabilitation of 30 western pond turtles (*Clemmys marmorata*) exposed to diesel fuel.

May 1993 Residents Research Day, University of Florida
Evaluation of histologic, cytologic and cytochemical characteristics of bone marrow cells from desert tortoises (*Gopherus agassizii*)

May 1993 Southeastern Veterinary Pathology Conference
Spinal meningioma in a puppy

May 1993 Desert Tortoises Council Symposium, San Diego, CA
Garner, MM, Homer BL, Raskin RE, Jacobson, ER
Evaluation of histologic, cytologic and cytochemical characteristics of bone marrow cells from desert tortoises (*Gopherus agassizii*)

Feb 1993 Resident Seminar Series, University of Florida
Prion disease: A review of the spongiform encephalopathies in man and much higher animals.

Aug 1992 American Veterinary Medical Association Annual Meeting, Boston, MA.
Poster presentation: Herbst L, Garner MM, Smith P
Periocular squamous cell carcinoma with metastasis to the brain in a pigeon.

Aug 1992 Resident Seminar Series, University of Florida
Problems associated with endoscopic biopsy for the diagnosis of gastrointestinal lesions in the dog and cat.

May 1992 Southeastern Veterinary Pathology Conferences, Tifton, GA
Amoebiasis in a boa constrictor (*Constrictor constrictor*)

