

# Curriculum Vitae

Michael M. Garner, DVM, Dipl. ACVP

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## 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 EXPERIENCE

- 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-  
Current      Consultant: Phoenix Central Laboratory, Everett, WA
- November 2013-  
Current      Consultant: ARUP Laboratories, Salt Lake City, UT
- July 1987-  
May 1991      Covington Veterinary Hospital, Kent, WA (companion/exotic animal practice)
- 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 Beaufrere, 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

## TEACHING EXPERIENCE

April 26-27, 2018 Washington State University, College of Veterinary Medicine  
 Gross and histopathology Seminars

Oct 28-Nov 4, 2018 Ross University School of Veterinary Medicine, St.Kitts  
 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  
 19<sup>th</sup> Zoo Pathology Seminar (Moderator)

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 (*Canis rufus*): 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*).

## PUBLICATIONS

Kruse TN, Bowman MR, Ramer JC, Fayette MA, Greer LL, Stadler CK, Garner MM, Proudfoot JS. Surgical Management of Uterine Lesions in Two Captive Orangutans (*Pongo* spp.) *J Zoo Wildl Med.* 2018 Mar;49(1):210-213. doi: 10.1638/2017-0109R.1.

French SJ, Garner MM, Kiupel M. Histopathologic Characteristics of Thyroid Gland Neoplasms in Thomson's Gazelles (*Eudorcus Thomsonii*). *J Zoo Wildl Med*. 2018 Mar;49(1):64-69. doi: 10.1638/2017-0017R1.1.

O'Connor MR, Garner MM. Iron Storage Disease in African Grey Parrots (*Psittacus Erithacus*) Exposed to a Carnivorous Diet. *J Zoo Wildl Med*. 2018 Mar;49(1):172-177. doi: 10.1638/2016-0266R1.1.

Helmick KE, Garner MM, Rhyan J, Bradway D. Clinicopathologic Features of Infection with Novel *Brucella* Organisms in Captive Waxy Tree Frogs (*Phyllomedusa Sauvagii*) and Colorado River Toads (*Ambystoma Alvarius*). *J Zoo Wildl Med*. 2018 Mar;49(1):153-161. doi: 10.1638/2017-0026R1.1.

Bernaldo de Quirós Y, Hartwick M, Rotstein DS, Garner MM, Bogomolni A, Greer W, Niemeyer ME, Early G, Wenzel F, Moore M. Discrimination between bycatch and other causes of cetacean and pinniped stranding. *Dis Aquat Organ*. 2018 Jan 31;127(2):83-95. doi: 10.3354/dao03189.

Riley J, Garner MM, Kiupel M, Hammond EE. Disseminated Toxoplasmosis in a Captive Adult Dromedary Camel (*Camelus Dromedarius*). *J Zoo Wildl Med*. 2017 Sep;48(3):937-940. doi: 10.1638/2016-0057.1.

Tuxbury KA, Young SA, Bradway DS, Marola JL, Salfinger M, Garner MM. Acute disseminated mycobacteriosis in captive Atlantic guitarfish (*Rhinobatos lentiginosus*). *J Vet Diagn Invest*. 2017 Nov;29(6):935-938. doi: 10.1177/1040638717721731. Epub 2017 Jul 28.

Therio SR, Dadone LI, Garner MM, Arble J, Lalonde CJ, Baesl TJ, Siegel M, Marta JA, Pikaart DP, Johnston MS. Successful Management of Cecal Perforation and Focal Peritonitis in a Gorilla (*Gorilla Gorilla*). *J Zoo Wildl Med*. 2017 Jun;48(2):540-543. doi: 10.1638/2016-0200R.1.

Flanders JA, Thompson ME, Palazzolo MJ, Garner MM, Reed M, Ialeggio DM, Kiupel M, Westra WH, Gamble KC. Oronasal Squamous Cell Carcinomas in Francois Langurs (*Trachypithecus Francoisi*). *J Zoo Wildl Med*. 2017 Jun;48(2):394-403. doi: 10.1638/2016-0121R.1.

Zordan MA, Garner MM, Smedley R, Neelis D, Sánchez CR. Leiomyosarcoma of the Wing in a Vieillot's Fireback Pheasant (*Lophura rufa*). *J Avian Med Surg*. 2017 Jun;31(2):152-155. doi: 10.1647/2015-147.

Cooper TK, Garner MM, Baccon J, Mani H. Coati Bodies: Cytoplasmic Hyaline Globules in the Ganglionic Neurons of Aging Captive Coatis. *Vet Pathol*. 2017 Sep;54(5):851-854. doi: 10.1177/0300985817709886. Epub 2017 Jun 5.

Eustace R, Garner MM, Cook K, Miller C, Kiupel M. Multihormonal Islet Cell Carcinomas in Three Komodo Dragons (*Varanus Komodoensis*). *J Zoo Wildl Med*. 2017 Mar;48(1):241-244. doi: 10.1638/2016-0131.1.

Warren JD, Aitken-Palmer C, Weldon AD, Flanagan JP, Howard LL, Garner MM, Citino SB. Congestive Heart Failure Associated with Pregnancy in Okapi (*Okapia Johnstonei*). *J Zoo Wildl Med*. 2017 Mar;48(1):179-188. doi: 10.1638/2016-0090.1.

Williams BL, Powers LV, Garner MM. A Pufferfish (*Tetradon Nigoviridis*) Available in the Common Pet Trade Harbors Lethal Concentrations of Tetrodotoxin: A Case Study of Poisoning in a Cuvier's Dwarf Caiman (*Paleosuchus Palpebrosus*). *J Zoo Wildl Med*. 2016 Jun;47(2):676-80. doi: 10.1638/2015-0077.1.

Coverdill CC, Barnes JA, Garner MM, Hinton KL, Childress AL, Wellehan JF Jr. Phylogenetic characterization of a novel herpesvirus found in the liver and lungs of a Chilean flamingo (*Phoenicopterus chilensis*). *J Vet Diagn Invest*. 2016 May;28(3):219-24. doi: 10.1177/1040638716641157. Epub 2016 Mar 29.



Sadler RA, Craig LE, Ramsay EC, Helmick K, Collins D, Garner MM. Clinicopathologic Features of Mammary Masses in Captive Lions (*Panthera Leo*). *J Zoo Wildl Med*. 2016 Mar;47(1):127-31. doi: 10.1638/2015-0087.1.

Seeley KE, Garner MM, Waddell WT, Wolf KN. A Survey of Diseases in Captive Red Wolves (*Canis Rufus*). 1997-2012 *J Zoo Wildl Med*. 2016 Mar;47(1):83-90. doi: 10.1638/2014-0198.1.

Leone AM, Crawshaw GJ, Garner MM, Frasca S Jr, Stasiak I, Rose K, Neal D, Farina LL. A Retrospective Study of the Lesions Associated with Iron Storage Disease in Captive Egyptian Fruit Bats (*Rousettus Aegyptiacus*). *J Zoo Wildl Med*. 2016 Mar;47(1):45-55. doi: 10.1638/2015-0224.1.

Clubb S, Velez J, Garner MM, Zaias J, Cray C. Health and Reproductive Assessment of Selected Puerto Rican Parrots (*Amazona vittata*) in Captivity. *J Avian Med Surg*. 2015 Dec;29(4):313-25. doi: 10.1647/2013-067.

Barnes KJ, Garner MM, Wise AG, Persiani M, Maes RK, Kiupel M. Herpes simplex encephalitis in a captive black howler monkey (*Alouatta caraya*). *J Vet Diagn Invest*. 2016 Jan; 28(1):76-8. Doi: 10.177/1040638715613379. Epub 2015 Dec 23.

Autieri CR, Miller CL, Scott KE, Kilgore A, Papscoe VA, Garner MM, Haupt JL, Bakthavatchalu V, Muthupalani S, Fox JG. Systemic Coronaviral Disease in 5 Ferrets. *Comp Med*. 2015;65(6):508-16.

Juan-Sallés C, Martínez LS, Rosas-Rosas AG, Parás A, Martínez O, Hernández A, Garner MM. Pulmonary Arterial Disease Associated with Right-sided Cardiac Hypertrophy and Congestive Heart Failure in Zoo Mammals Housed at 2,100 M Above Sea Level. *J Zoo Wildl Med*. 2015, 46:825-32.

Kruse TN, Garner MM, Bonar CJ. A Retrospective Study of Pathologic Findings in Captive Rock Hyrax (*Procapra capensis*) in the United States. *J Zoo Wildl Med*. 2015, 46:798-805.

LaDouceur EE, Wynne J, Garner MM, Nyaoke A, Keel MK. Lesions of Copper Toxicosis in Captive Marine Invertebrates With Comparisons to Normal Histology. *Vet Pathol*. 2015 Oct 12. pii: 0300985815603431. [Epub ahead of print]

Suedmeyer WK, Stockinger BG, Garner MM, Bradway DS, Hollinger C, Kiupel M. T-Cell Lymphocytic Leukemia in a Fallow Deer (*Dama Dama*). *J Zoo Wildl Med*. 2015 Sep;46(3):580-2.

Han S, Garner MM. Soft Tissue Mineralization in Captive 2-Toed Sloths. *Vet Pathol*. 2015 Sep 2. pii: 0300985815598206. [Epub ahead of print]

Da Silva MO, Bertelsen MF, Heegaard S, Garner MM. Ophidian Spectaculitis and Spectacular Dysecdysis: A Histologic Description. *Vet Pathol*. 2015 Nov;52(6):1220-6.

Jafarey YS, Berlinski RA, Hanley CS, Garner MM, Kiupel M. Presumptive Dysgerminoma in an Orange-Spot Freshwater Stingray (*Potamotrygon Motoro*). *J Zoo Wildl Med*. 2015, 46:382-5

McBride MP, Wojcik KB, Georoff TA, Kimbro J, Garner MM, Wang X, Childress AL, Wellehan JF. *Ophidiomyces ophiodhcola* dermatitis in eight free-ranging timber rattlesnakes (*Crotalus horridus*) from Massachusetts. *J Zoo Wildl Med*. 2015, 46:86-94.

Mainez M, Cardona T, Such R, Juan-Sallés C, Garner MM. Bilateral Renal Tubular Neoplasm in a Channel-billed Toucan (*Ramphastos vitellinus*). *J Avian Med Surg*. 2015 Mar;29(1):46-50. doi: 10.1647/2013-066.

Taylor KR, Garner MM, Russell K, Epperson ED, Grodi HA, Roff SR, Dumonceaux GA, Struthers JD, Dark MJ, Abbott JR. Chordomas at High Prevalence in the Captive Population of the Endangered Perdido Key Beach Mouse (*Peromyscus polionotus trissyllepsis*). *Vet Pathol.* 2016, 53:163-9.

Da Silva MA, Bertelsen MF, Heegaard S, Garner MM. Spectacular manifestations of systemic diseases of the snake: a histopathological description of four cases *Journal of Zoo and Aquarium Research Vol 3, No 2 (2015).*

AGUILAR, Roberto F.; GARNER, Michael M.; YOSHICEDO, Jill N.. Resonancia magnética y tomografía computarizada para el diagnóstico de inestabilidad vertebral y tetraparesia aguda en un dragón de Komodo adulto (*Varanus komodensis*). *Clínica Veterinaria: abordaje diagnóstico y terapéutico, [S.l.], v. 1, n. 1, feb. 2015.*

Duncan AE, Smedley R, Anthony S, Garner MM. Malignant melanoma in the penguin: characterization of the clinical, histologic, and immunohistochemical features of malignant melanoma in 10 individuals from three species of penguin. *J Zoo Wildl Med.* 2014, 45:534-49.

Dadone LI, Garner MM, Klaphake E, Johnston MS, Han S. Anaplastic mandibular carcinoma in a meerkat (*Suricata suricatta*). *J Zoo Wildl Med.* 2014 Jun;45(2):413-6.

Joseph HM, Ballmann MZ, Garner MM, Hanley CS, Berlinski R, Erdélyi K, Childress AL, Fish SS, Harrach B, Wellehan JF Jr. A novel siadenovirus detected in the kidneys and liver of Gouldian finches (*Erythura gouldiae*). *Vet Microbiol.* 2014 Aug 6;172(1-2):35-43. doi: 10.1016/j.vetmic.2014.04.006. Epub 2014 Apr 21.

Tuomi PA<sup>1</sup>, Murray MJ, Garner MM, Goertz CE, Nordhausen RW, Burek-Huntington KA, Getzy DM, Nielsen O, Archer LL, Maness HT, Wellehan JF Jr, Waltzek TB. Novel poxvirus infection in northern and southern sea otters (*Enhydra lutris kenyoni* and *Enhydra lutris neiris*), Alaska and California, USA. *J Wildl Dis.* 2014 Jul;50(3):607-15. doi: 10.7589/2013-08-217. Epub 2014 May 7.

Juan-Sallés C, Garner MM, Nordhausen RW, Valls X, Gallego M, Soto S. Renal flagellate infections in reptiles: 29 cases. *J Zoo Wildl Med.* 2014 Mar;45(1):100-9.

MacLean R, Beaufrère H, Heggem-Perry B, Field C, Garner M. Presumed reactive polyarthritis and granulomatous vasculitis in a Mississippi sandhill crane (*Grus canadensis pulla*). *J Avian Med Surg.* 2013 Dec;27(4):309-14.

Anthony SJ, Garner MM, Palminteri L, Navarrete-Macias I, Sanchez-Leon MD, Briese T, Daszak P, Lipkin WI. West Nile virus in the British Virgin Islands. *Ecohealth.* 2014 Jun;11(2):255-7. doi: 10.1007/s10393-014-0910-6. Epub 2014 Feb 7.

Lambourn DM, Garner M, Ewalt D, Raverty S, Sidor I, Jeffries SJ, Rhyan J, Gaydos JK. *Brucella pinnipedialis* infections in Pacific harbor seals (*Phoca vitulina richardsi*) from Washington State, USA. *J Wildl Dis.* 2013 Oct;49(4):802-15. doi: 10.7589/2012-05-137.

Churgin SM, Garner MM, Swenson J, Bradway DS, French S, Kiupel M, West G. Intestinal coccidioidomycosis in a red coachwhip snake (*Masticophis flagellum piceus*). *J Zoo Wildl Med.* 2013 Dec;44(4):1094-7.

Stacy BA, Foley A, Garner MM, Mettee N. Yolk embolism associated with trauma in vitellogenic sea turtles in Florida (USA): a review of 11 cases. *J Zoo Wildl Med.* 2013 Dec;44(4):1043-8.

Crespo R, Garner MM, Hopkins SG, Shah DH. Outbreak of *Listeria monocytogenes* in an urban poultry flock. *BMC Vet Res.* 2013 Oct 11;9:204. doi: 10.1186/1746-6148-9-204.

Hahn A, D'Agostino J, Cole G, Garner M. Persimmon phytobezoars in meerkats (*Suricata suricatta*). *J Zoo Wildl Med*. 2013 Jun;44(2):505-8.

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## BOOK CHAPTERS

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## ROUNDTABLE DISCUSSIONS

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## PROFESSIONAL PRESENTATIONS/ABSTRACTS

- 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*)
- Corbin E, Garner MM, LaDouceur EE. Ciliate Infection Associated with Cutaneous Ulceration in Sea Pens (Order: Pennatulacea)
- 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
- 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
- May 23-25, 2018 Davis Thompson Foundation Eastern European Meeting of Veterinary Medicine, University of Belgrade, Belgrade, Serbia
- Garner MM. Select Noninfectious Diseases of Reptiles
- Garner MM. Select Diseases of Zoo Primates
- Garner MM. Selected infectious disease of Reptiles
- Garner MM. Neoplasia in Zoo Felids
- May 20, 2018 Davis-Thompson Foundation Day Seminar, University of Thessaloniki, Thessaloniki, Greece

Garner MM. Select Disease of Small Zoo and Pet Mammals

Garner MM. Trends in Neoplasia in Zoo Felids

Garner MM. Select Diseases of Zoo and Pet Birds

Garner MM. Select Disease of Zoo and Pet Reptiles

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-Horned 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 lump suckers.
- 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 a 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

Garner MM. Diseases of zoo and exotic species



Aug 12-15, 2012

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. Polyarthritis 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. What's 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 lumpfishes (*Eumicrotremus orbis*) (Poster)

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 (*Oractolagus 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 ( <i>Phoca vitulina</i> )
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 ( <i>manuria impressa</i> ) using improved detection methods
May 8-12, 2010	International Association of Aquatic Animal Medicine 41 <sup>st</sup> Annual Conference, Vancouver, BC  Tuomi P, Garner MM, Goertz C, Burek K. First report of a poxvirus infection in a Northern sea otter ( <i>Enhydra lutris kenyoni</i> )
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 ( <i>Phoca vitulina</i> ) 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 ( <i>Melopsitticus undulatus</i> )  Garner MM, Kiupel M, Munoz JF. Brain tumors in African hedgehogs ( <i>Atelerix albiventris</i> )  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

Alvarado 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 Loriinae: Is diet-induced hypervitaminosis A the cause?
- Wojcik KB, Garner MM, Mylniczenko 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. Enfermadades 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 Zoológicos 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 (*Suricatta 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

23<sup>rd</sup> 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*).
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Ramsell KD, Garner MM. Disseminated idiopathic myositis

Sep 16, 2006 Proceeding of the Alberta Ferret Society

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- Oct 15, 2005 12<sup>th</sup> Annual Zoo and Wildlife Pathology Workshop, Omaha, Nebraska  
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- Garner MM. Erythema multiforme-like dermatopathy in Red Uakari with iron storage disease.
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Garner, MM. Common and emerging bacterial diseases of reptiles

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Garner, MM. Common and emerging metabolic diseases of reptiles

Garner, MM. Trends in reptile neoplasia, a diagnostician's perspective

Garner, MM, Methods for diagnosing inclusion body disease in snakes

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Nov 12, 2004 C.L. Davis Symposium on Pathology of Nontraditional Pets, Orlando, FL.  
Garner, MM. Selected diseases of reptiles.

Nov 13-17, 2004 Proceedings of American College of Veterinary Pathologists, Orlando, FL.  
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Naples, FL.

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Nov 3-7, 2003 Jornadas de Veterinaria y Comportamiento en Animales de Zoológico y Acuario Jardín Zoológico de la Ciudad de Buenos Aires- Argentina

Garner, MM: Pathology of primates (lectures)

Garner MM: Pathology of ursids (lectures)

Garner MM: Pathology of zoo felids. (lectures)

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Oct 12-16, 2003 J. Baer, C. Lindsell, M. M. Garner. 2003. Mammary adenocarcinoma in two female mouse lemurs (*Microcebus murinus*) American Association for Laboratory Animal Science, Seattle, (poster)

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Juan-Sallés C, García AP, Carillo D' Lacoste L, Garner MM, Prieur DJ. In situ conservation pathology: Developing a formal zoo-based residency program to train veterinary pathologists in Latin America. 160-162.

Steers JE, Sherrill J, Raymond JT, Garner MM. Medical management of necrotic dermatitis syndrome ("bell rot") in a collection of jellies. 204-207.

Raymond JT, Dunker F, Garner MM. Ink embolism in freshwater orange spot stingrays (*Potamorhynchus motoro*) following tattooing procedure. 210-211.

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Joyner PH, Backues KA, Garner MM. Cerebral chromomycosis in a juvenile snow leopard (*Uncia uncia*). 286-288 (poster)

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- Sallés JC, Garner MM, Ramer JC, Proudfoot J, Wu CC, Ward MP. 2002. Fatal salmonellosis in a zoological collection of lorikeets (*Trichoglossus sp.*). Proceedings, Association of Avian Veterinarians, 95-98.
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- Clubb SL, Garner MM, Cray C. 2002. Detection of inflammatory skin disease in psittacine birds using paired skin biopsies. Proceedings, Association of Avian Veterinarians, 193-200.
- June 2002 Hernandez-Divers S, Garner MM. Reptile neoplasia. ICE 2002 proceedings, Exotic DVM, vol 4.3 July 2003, p 91-94
- May 2002 West, K.L, B. van Bonn, J.C. Sweeney, E. Hanahoe, C. Shwetz, J.C. Ramer, G. Levine, R. Stone, T.H. Reidarson, J.M. Rasmussen, and M.M. Garner. Thyroid hormones in *Tursiops truncatus*: Can we use baseline values to diagnose clinical concerns? 33rd Annual International Association for Aquatic Animal Medicine Conference.
- Dec 1-5, 2001 Combined 52<sup>nd</sup> and 36<sup>th</sup> Annual Meetings of the American College of Veterinary Pathologists and the American Society for Veterinary Clinical Pathology
- Schulman FY, Krafft AE, Janczewski T, Reupert R, Jackson K, and Garner MM Camelid cutaneous fibropapillomas: clinicopathologic findings and association with papillomavirus.
- Bouchiha S, Williams B, Young D, Garner M. Vascular neoplasia in the domestic ferret (*Mustela Putorius Furo*): A retrospective study.

Jaun-Sallés C, Parás A, Garner MM, and Ramos-Vara JA. Chronic leptospirosis in an Asiatic water buffalo (*Bubalus arnee*) and preliminary survey for *Leptospira* infection in captive nondomestic ruminants at a suburban zoo.

Juan-Sallés C, Raymond JT, Sarria-Perea JA, Garner MM and Parás A. Neoplasia in captive African hedgehogs (*Atelerex albiventris*) with emphasis on two adrenocortical carcinomas.

Nov. 28-Dec 3, 2001

14th Biennial Conference of the Society for Marine Mammalogy  
Vancouver, British Columbia, Canada  
D.M. Lambourn, S.J. Jeffries, J.P. Dubey and M.M. Garner  
Seroprevalence of *Toxoplasma gondii* and aborted fetuses due to unidentified protozoan organism in harbor seals (*Phoca vitulina*) in southern Puget Sound.

Sep 18-23, 2001

2001 Proceedings/meeting, American Association of Zoo Veterinarians, Association of Reptile and Amphibian Veterinarians, American Association of Wildlife Veterinarians, National Association of Zoo and Wildlife Veterinarians, Orlando, Florida.

Session Chair: Aquatics, 2001 meeting, AAZV

Willette MM, Garner, MM, Drew M. Chemotherapeutic treatment of lymphoma in a king cobra (*Ophiophagus hannah*)

Alvarado TP, Garner MM, Gamble K, Levens GP, Raymond JT, Nordhausen R. Fenbendazole overdose in four Fea's vipers (*Azemiops feas*)

Abou-Madi N, Garner MM, Kollias GV, Moon P, Rentko VT. The use of oxyglobin in birds: Preliminary pharmacokinetics and effects on selected blood parameters and tissues.

Garner MM, Shwetz C, Ramer JC, Rasmussen JM, Petrini K, Cowan DF and Bossart GD. Congenital diffuse hyperplastic goiter associated with perinatal mortality in seven captive-born bottlenose dolphins (*Tursiops truncatus*).

Gamble KC, Garner MM, Raymond JT, Krause L, Alvarado TP. Case cluster of pancreatic islet fibrosis in rock hyrax.

Pinkerton ME, Raymond JT, Garner MM, Kinsel MJ, Pessier AP. Squamous cell carcinoma in twelve kowari (*Dasyuroides byrnei*)

Raymond JT and Garner MM. Spontaneous tumors in hedgehogs: A retrospective study of fifty cases.

Juan-Sallés C, Raymond JT, Garner MM, O'Brien TD. Insular amyloidosis in captive felids: twelve cases.

Gibbons PM, Garner MM. Disseminated xanthomatosis in a female green water dragon (*Physignathus cocincinus*).

Garner MM, Raymond JT. Lymphoma in reptiles with special emphasis on oral manifestations.

Garner MM, Raymond JT, Joslin J, Collins D, Reichard T, Nordhausen R. Three cases of a *Chlamydia*-like or *Rickettsia*-like infection in frogs.

Garner MM. Regenerative erythroid response without anemia in Iguanidae associated with soft tissue mineralization.

Hernandez-Diver SM, Garner MM. Disseminated lymphoma in a Savannah monitor (*Varanus exanthematicus*).

Mader DR, Garner MM. Metabolic bone diseases in reptiles.

Juan-Sallés C, Parás A, García-Feria Luis, Garner MM, Ramos-Vera J, Luna MA, Martinez O, Hernandez A. Leptospirosis in a Mexican grey wolf (*Canis lupus baileyi*): Survey for *Leptospira* infection in captive and local free-ranging wildlife and feral animals at Africam Safari, Puebla, Mexico. (poster)

Silverstone AM, Garner MM, Wojcieszyn JW, Couto CG. Lymphoblastic leukemia in a diamondback terrapin (*Malaclemys terrapin*). (poster)

Sep 18, 2001

8<sup>th</sup> Annual Zoo and Wildlife Pathology Workshop, Orlando, Florida

Co-Moderators: MM Garner, L Munson

Garner MM, Raymond JT, Dover S. *Myoporium* 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*)  
6<sup>th</sup> 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, 7<sup>th</sup> 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

7<sup>th</sup> 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 PBFD virus variant in lories

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

6<sup>th</sup> 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 5<sup>th</sup> 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 4<sup>th</sup> 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 3<sup>rd</sup> Annual Zoo and Wildlife Pathology Workshop, Puerto Vallarta, Mexico  
Fatal hepatic sarcocystosis in two polar bears.
- Aug 1995 2<sup>nd</sup> 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*)

References available upon request.