

Curriculum Vitae

Michael M. Garner, DVM, Dipl. ACVP

Northwest ZooPath
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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
- 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
Arelly 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, 3/18-4/7; 4/28-5/5, 2012
 Hugues Beaufriere, May 21-26, 2012

TEACHING EXPERIENCE

- 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
- 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, Resident gross and histopathology seminars
April 18, 2002	Washington State University, 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, Resident gross and histopathology seminars
April 26, 2001	Washington State University, 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, Resident gross and histopathology seminars
Spring, 1999	Washington State University, 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, 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, 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

PROFESSIONAL AWARDS & GRANTS

- 2012 Speaker of the Year, Association of Avian Veterinarians (presented in Jacksonville, FL, 2013)
- 2012 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 (<i>Gopherus agassizii</i>).

PUBLICATIONS

181. Kiupel M, Desjardins DR, Lim A, Bolin C, Johnson-Delaney CA, Resau JH, **Garner MM**, Bolin SR. Mycoplasmosis in ferrets. *Emerg Infect Dis.* 2012 Nov;18(11):1763-70.
180. Schumacher VL, Innis CJ, **Garner MM**, Risatti GR, Nordhausen RW, Gilbert-Marcheterre K, Wellehan JF Jr, Childress AL, Frasca S Jr. Sulawesi tortoise adenovirus-1 in two impressed tortoises (*Manouria impressa*) and a Burmese star tortoise (*Geochelone platynota*). *J Zoo Wildl Med.* 2012 Sep;43(3):501-10
179. Ladouceur EE, **Garner MM**, Wynne J, Fish S, Adams L. Ulcerative Umbrellar Lesions in Captive Moon Jelly (*Aurelia aurita*) Medusae. *Vet Pathol.* 2012 Sep 28. [Epub ahead of print]
178. Gibbons PM, **Garner MM**, Kiupel M. Morphological and Immunohistochemical Characterization of Spontaneous Thyroid Gland Neoplasms in Guinea Pigs (*Cavia porcellus*). *Vet Pathol.* 2012 Jun 11. [Epub ahead of print]
177. Rush EM, Ogburn AL, **Garner MM**. Multicentric neurofibromatosis with rectal prolapse in a California sea lion (*Zalophus californianus*). *J Zoo Wildl Med.* 2012 Mar;43(1):110-9.
176. Thas I, **Garner MM**. A retrospective study of tumours in black-tailed prairie dogs (*Cynomys ludovicianus*) submitted to a zoological pathology service. *J Comp Pathol.* 2012 Aug-Oct;147(2-3):368-75. Epub 2012 Mar 15.
175. Hooker SK, Fahlman A, Moore MJ, de Soto NA, de Quirós YB, Brubakk AO, Costa DP, Costidis AM, Dennison S, Falke KJ, Fernandez A, Ferrigno M, Fitz-Clarke JR, **Garner MM**, Houser DS, Jepson PD, Ketten DR, Kvadsheim PH, Madsen PT, Pollock NW, Rotstein DS, Rowles TK, Simmons SE, Van Bonn W, Weathersby PK, Weise MJ, Williams TM, Tyack PL. Deadly diving? Physiological and behavioural management of decompression stress in diving mammals. *Proc Biol Sci.* 2012 Mar 22;279(1731):1041-50. Epub 2011 Dec 21.
174. Langohr IM, **Garner MM**, Kiupel M.. Somatotroph Pituitary Tumors in Budgerigars (*Melopsittacus*

undulatus). Vet Pathol. 2012 May;49(3):503-7. Epub 2011 Sep 7.

173. **Garner MM**. An icon moves on: Floris Melbourne Garner, 1922-2011. Vet Pathol. 2011 Jul;48(4):794-5.

172. Pacheco MA, Escalante AA, **Garner MM**, Bradley GA, Aguilar RF. Haemosporidian infection in captive masked bobwhite quail (*Colinus virginianus ridgwayi*), an endangered subspecies of the northern bobwhite quail. Vet Parasitol. 2011 Dec 15;182(2-4):113-20. Epub 2011 Jun 12.

171. Norman SA, **Garner MM**, Berta S, Dubpernell S, Klope M. Vaginal calculi in a juvenile harbor porpoise (*Phocoena phocoena*). J Zoo Wildl Med. 2011 Jun;42(2):335-7.

170. Juan-Sallés C, Soto S, **Garner MM**, Montesinos A, Ardiaca M. Congestive heart failure in 6 African grey parrots (*Psittacus e erithacus*). Vet Pathol. 2011 May;48(3):691-7. Epub 2010 Jul 26.

169. Perpiñán D, Trupkiewicz JG, Armbrust AL, Geiser DM, Armstrong S, **Garner MM**, Armstrong DL. Dermatitis in captive Wyoming toads (*Bufo baxteri*) associated with *Fusarium* spp. J Wildl Dis. 2010 Oct;46(4):1185-95.

168. Takle GL, Suedmeyer WK, **Garner MM**. Diagnosis and treatment of vitiligo in a sub-adult eastern black rhinoceros (*Diceros bicornis michaeli*). J Zoo Wildl Med. 2010 Sep;41(3):545-9.

167. Dadone LI, Klaphake E, **Garner MM**, Schwahn D, Sigler L, Trupkiewicz JG, Myers G, Barrie MT. Pituitary cystadenoma, enterolipidosis, and cutaneous mycosis in an everglades ratsnake (*Elaphe obsoleta rossalleni*). J Zoo Wildl Med. 2010 Sep;41(3):538-41.

166. Takle GL, Suedmeyer WK, Mertins JW, **Garner MM**. Generalized demodecosis in three sibling, juvenile rock hyraxes (*Procavia capensis*). J Zoo Wildl Med. 2010 Sep;41(3):496-502

165. Wack AN, Miller CL, Wood CE, **Garner MM**, Haefele HJ. Melanocytic neoplasms in a black rhinoceros (*Diceros bicornis*) and an Indian rhinoceros (*Rhinoceros unicornis*). J Zoo Wildl Med. 2010 Mar;41(1):95-103.

164. Perpiñán D, **Garner MM**, Trupkiewicz JG, Malarchik J, Armstrong DL, Lucio-Forster A, Bowman DD. Scoliosis in a tiger salamander (*Ambystoma tigrinum*) associated with encysted digenetic trematodes of the genus *Clinostomum*. J Wildl Dis. 2010 Apr;46(2):579-84.

163. Ramsell KD, **Garner MM**. Disseminated idiopathic myofasciitis in ferrets. Vet Clin North Am Exot Anim Pract. 2010 Sep;13(3):561-75. Review.

162. Juan-Sallés C, Soto S, **Garner MM**, Montesinos A, Ardiaca M. Congestive Heart Failure in 6 African Grey Parrots (*Psittacus e erithacus*). Vet Pathol. 2010 Jul 26. [Epub ahead of print]

161. Waldoch JA, Burke SS, Ramer JC, **Garner MM**. Melanoma in the skin of a nurse shark (*Ginglymostoma cirratum*). J Zoo Wildl Med. 2010 Dec;41(4):729-31.

160. Hammond EE, Guzman DS, **Garner MM**, Mauldin G, Martinez-Jimenez D, Kiupel M, Aguilar RF. *Long-term treatment of chronic lymphocytic leukemia in a green-winged macaw (Ara chloroptera)*. J Avian Med Surg. 2010 Dec;24(4):330-8.

159. Perpiñán D, **Garner MM**, Wellehan JF, Armstrong DL. Mixed infection with reovirus and *Chlamydophila* in a flock of budgerigars (*Melopsittacus undulatus*). J Avian Med Surg. 2010 Dec;24(4):316-21.

158. Harrison TM, McKnight CA, Sikarskie JG, Kitchell BE, **Garner MM**, Raymond JT, Fitzgerald SD, Valli VE, Agnew D, Kiupel M. Malignant lymphoma in african lions (*panthera leo*). *Vet Pathol.* 2010 Sep;47(5):952-7. Epub 2010 Jul 7.
157. Bartlett SL, Imai DM, Trupkiewicz JG, **Garner MM**, Ogasawara S, Stokol T, Kiupel M, Abou-Madi N, Kollias GV. Intestinal lymphoma of granular lymphocytes in a fisher (*Martes pennanti*) and a Eurasian otter (*Lutra lutra*). *J Zoo Wildl Med.* 2010 Jun;41(2):309-15.
156. Bunting EM, **Garner MM**, Abou-Madi N, Schmidt RE, Kollias GV. Proliferative thyroid lesions and hyperthyroidism in captive fishers (*Martes pennanti*). *J Zoo Wildl Med.* 2010 Jun;41(2):296-308.
155. Gericota B, **Garner MM**, Barr B, Nordhausen R, Larsen RS, Lowenstine LJ, Murphy BG. Morphologic, immunohistochemical, and molecular characterization of a novel *Lankesterella* protozoan in two White's tree frogs (*Litoria caerulea*). *J Zoo Wildl Med.* 2010 Jun;41(2):242-8.
154. Visvesvara GS, Shoff ME, Sriram R, Booton GC, Crary M, Fuerst PA, Hanley CS, **Garner MM**. Isolation, morphologic, serologic and molecular identification of *Acanthamoeba* T4 genotype from the liver of a Temminck's tragopan (*Tragopan temminckii*). *Vet Parasitol.* 2010 Jun 24;170(3-4):197-200. Epub 2010 Mar 6.
153. Wise AG, Kiupel M, **Garner MM**, Clark AK, Maes RK. Comparative sequence analysis of the 3' genomic ends of ferret systemic coronavirus (FSCV) and ferret enteric coronavirus (FECV): two closely related but genetically distinct coronaviruses. *Virus Res.* 149:42-50, 2010.
152. Harrison TM, McKnight CA, Sikarskie JG, Kitchell BE, **Garner MM**, Raymond JT, Fitzgerald SD, Valli VE, Agnew D, Kiupel M. Malignant lymphoma in african lions (*panthera leo*). *Vet Pathol.* 2010 Sep;47(5):952-7. Epub 2010 Jul 7
151. Juan-Sallés C, Patrício R, Garrido J, **Garner MM**: Disseminated *Mycobacterium avium* subsp. *avium* in a Richardson's ground squirrel (*Spermophilus richardsonii*). *Journal of Exotic Pet Medicine* 18:306-310, 2009
150. Georoff TA, **Garner MM**, Hoover JP, Backues KA. Retrospective evaluation of idiopathic hematuria and associated pathology in Grant's gazelles (*Gazella granti*): 10 cases. *J Zoo Wildl Med.* 2009 Dec;40(4):639-51.
149. Murray M, Waliszewski NT, **Garner MM**, Tseng FS. Sepsis and disseminated intravascular coagulation in an eastern spiny softshell turtle (*Apalone spinifera spinifera*) with acute mycobacteriosis. *J Zoo Wildl Med.* 2009 Sep;40(3):572-5.
148. Ferrell ST, Pope KA, Gardiner C, Bradway DS, Ambrose DL, MacLean RA, Norton TM, Stedman NL, **Garner MM**. Proventricular nematodiasis in wrinkled hornbills (*Aceros corrugatus*). *J Zoo Wildl Med.* 2009 Sep;40(3):543-50.
147. Napier JE, Caron S, Reavill DR, Murphy H, **Garner MM**. Proliferative endometrial lesions in a group of Seba's short-tailed bats (*Carollia perspicillata*). *J Zoo Wildl Med.* 2009 Sep;40(3):437-44.
146. **Garner MM**, Latimer KS, Mickley KA, Ritzman TK, Nordhausen RW. Histologic, immunohistochemical, and electron microscopic features of a unique pulmonary tumor in cockatiels (*Nymphicus hollandicus*): six cases. *Vet Pathol.* 2009 Nov;46(6):1100-8. Epub 2009 Jul 15.
145. Ritter JM, **Garner MM**, Chilton JA, Jacobson ER, Kiupel M. Gastric neuroendocrine carcinomas in bearded dragons (*Pogona vitticeps*). *Vet Pathol.* 2009 Nov;46(6):1109-16. Epub 2009 Jul 15.
144. Rivera S, Wellehan JF Jr, McManamon R, Innis CJ, **Garner MM**, Raphael BL, Gregory CR, Latimer KS, Rodriguez CE, Diaz-Figueroa O, Marlar AB, Nyaoke A, Gates AE, Gilbert K, Childress AL, Risatti GR,

Frasca S Jr. Systemic adenovirus infection in Sulawesi tortoises (*Indotestudo forsteni*) caused by a novel siadenovirus. *J Vet Diagn Invest.* 2009 Jul;21(4):415-26.

143. Yabsley MJ, Greiner E, Tseng FS, **Garner MM**, Nordhausen RW, Ziccardi MH, Borjesson DL, Zabolotzky S. Description of novel *Babesia* species and associated lesions from common murrelets (*Uria aalge*) from California. *J Parasitol.* 2009 Oct;95(5):1183-8. Epub 2009 Apr 6.

142. Juan-Sallés C, Ramos-Vara JA, **Garner MM**. Pheochromocytoma in six New World primates. *Vet Pathol.* 2009 Jul;46(4):662-6. Epub 2009 Mar 9.

141. St Leger JA, Begeman L, Fleetwood M, Frasca S, **Garner MM**, Lair S, Trembley S, Linn MJ, Terio KA. Comparative pathology of nocardiosis in marine mammals. *Vet Pathol.* 2009 Mar;46(2):299-308.

140. Childs-Sanford SE, Koliass GV, Abou-Madi N, McDonough PL, **Garner MM**, Mohammed HO. *Yersinia pseudotuberculosis* in a closed colony of Egyptian fruit bats (*Rousettus aegyptiacus*). *J Zoo Wildl Med.* 40: 8-14, 2009.

139. Stringer EM, **Garner MM**, Proudfoot JS, Ramer JC, Bowman MR, Heng HG, Bradway, DS. Phaeohyphomycosis of the carapace in an Aldabra tortoise (*Geochelone gigantea*). *J Zoo Wildl Med.* 40: 160-167, 2009.

138. **Garner MM**, Helmick K, Ochsenreiter J, Ricman LK, Latimer E, Wise AG, Maes RK, Kiupel M, Nordhausen RW, Zong JC, Hayward GS. Clinico-pathologic features of fatal disease attributed to new variants of endotheliotropic herpesviruses in two Asian elephants (*Elephas maximus*). *Vet Pathol.* 46: 97-104, 2009 (made cover of journal).

137. Superina M, **Garner MM**, Aguilar RF. Health evaluation of free-ranging and captive pichis (*Zaedyus pichis*; Mammalia, Dasypodidae), in Mendoza Province, Argentina. *J. Wildl Dis.* 45:174-183, 2009.

136. Moore MJ, Bogomolni AL, Dennison SE, Early G, **Garner MM**, Hayward BA, Lentell BJ, Rotstein DS. Gas bubbles in seals, dolphins, and porpoises entangled and drowned at depth in gillnets. *Vet Pathol.* 2009 May;46(3):536-47. Epub 2009 Jan 27.

135. Raymond JT, Aguilar R, Dunker F, Ochsenreiter J, Nofs S, Shellabarger W, **Garner MM**. Intervertebral disc disease in African Hedgehogs (*Atelerix albiventris*): four cases. *J Exot Pet Med* 18:220-223, 2009

134. **Garner MM**, Wellehan JFX Jr, Pearson M, Koob M, Boyer T, Skinner V, Nordhausen MA, Barr B. Pathology and molecular characterization of two novel adenoviruses in colubrid snakes. *J Herp Med Surg* 18:110-118, 2008

133. Cole GA, **Garner MM**, Carpenter JW, Kuroki K, Bolus RA, Latimer KS. Three cases of systemic atypical granulomatous disease in moluccan cockatoos (*Cacatua moluccensis*): a new syndrome. *J Av Med Surg.* 22:127-37, 2008

132. Juan-Salles C, **Garner MM**, Monreal T, Burgos-Rodriguez AG. Ovarian torsion in a green, *Iguana iguana*, and a rhinoceros, *Cyclura cornuta*, iguana. *J Herp Med Surg* 18: 14-17, 2008

131. Cucchi-Stefanoni K, Juan-Sallés C, Parás A, **Garner MM**. Fatal anemia and dermatitis in captive agoutis (*Dasyprocta mexicana*) infested with *Echidnophaga* fleas, *Vet Parasitol* 155: 336-39, 2008

130. Haefele HJ, Guthrie A, Trupkiewicz JG, **Garner MM**. Oropharyngeal teratoma in a neonatal sable antelope (*Hippotragus niger*). *J Zoo Wildl Med* 39: 266-269, 2008.

129. **Garner MM**, Ramsell K, Morera N, Juan-Salles C, Jimenez J, Ardiaca M, Montesinos A, Teifke JP, Lohr CV, Evermann JF, Baszler TV, Nordhausen RW, Wise AG, Maes RK, Kiupel M. Clinicopathologic

features of a systemic coronavirus-associated disease resembling feline infectious peritonitis in the domestic ferret (*Mustela putorius*). *Vet Pathol* 45:236-246, 2008

128. **Garner MM**, Clubb SL, Mitchell MA, Brown L. Feather-picking psittacines: Histopathology and species trends. *Vet Pathol* 45: 401-408, 2008

127. Juan-Salles C, Martinez G, **Garner MM**, Paras A. Fatal Dystocia in a giraffe due to a pelvic Chondrosarcoma. *Vet Rec* 15:162:349-351, 2008

126. Wok-Colburn AM, **Garner MM**, Bradway D, West G, D'Agostino J, Trupkiewicz J, Barr B, Anderson SE, Rurangirwa FR, Nordhausen RW. Fatal coxiellosis in Swainson's Blue Mountain lorikeets (*Trichoglossus haematodus moluccanus*). *Vet Pathol.* 45:247-254, 2008

125. **Garner MM**, Atkinson SD, Hallett SL, Bartholomew JL, Nordhausen RW, Reed H, Adams L, Whitaker B. Renal myxozoanosis in weedy seadragons (*Phyllopteryx taeniolatus*) (Oacepede), caused by *Sinuolinea Phyllopteryxa* n. sp. *J Fish Dis* 31: 27-35, 2008

124. Stacy BA, Wellehan JFX, Foley AM, Coberley SS, Herbst LH, Manire CA, **Garner MM**, Brookins MD, Childress AL, Jacobson ER. Two herpesviruses associated with disease in wild Atlantic loggerhead sea turtles (*Caretta caretta*). *Vet Microbiol* 126: 63-73, 2008

123. Bartholomew JL, Atkinson SD, Hallett SL, Lowenstine LJ, **Garner MM**, Gardiner CH, Rideout BA, Keel MK, Brown JD. Myxozoan parasitism in waterfowl. *Int J Parasitol* 38:1199-207, 2008

122. Ferrell ST, Snowden K., Marlar AB, **Garner MM**, Lung NP. Fatal hemoprotozoal infections in multiple avians. *J Zoo Wildl Med* 38: 309-316, 2007

121. Innis CJ, **Garner MM**, Johnson AJ, Wellehan JF, Tabaka C, Marschang RE, Nordhausen RW, Jacobson ER. Antemortem diagnosis and characterization of nasal intranuclear coccidiosis in Sulawesi tortoises (*Indotestudo forsteni*). *J Vet Diagn Invest.* 2007 Nov;19(6):660-7

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ROUNDTABLE DISCUSSIONS

Cryptosporidiosis. Bulletin of the Assoc. Ret and Amphib Vet 9 (3): 15-24, 1999

Diagnosis of avian tuberculosis. Journal of Avian Medicine and Surgery 13 (3), 1999, 207-214

Renal disease. Journal of Herpetological Medicine and Surgery. (10) 1: 34-43, 2000

Entamoeba invadens. Journal of Herpetological Medicine and Surgery, (11) 3 17-22, 2001

Egg incubation. Journal of Herpetological Medicine and Surgery, (12) 1, 7-25, 2002

PROFESSIONAL PRESENTATIONS/ABSTRACTS

- February 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 IAAAM 43rd Annual Conference, Atlanta, GA
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
- August 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 Adenovirus 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)
- August 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
- October 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. Polyarthrititis 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*)

November 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)

December 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 lumpsuckers (*Eumicrotremus orbis*) (Poster)

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 January 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.

January 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, 26-30/04/11 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.

August 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)

October 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*)

November 2, 2011

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

November 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)

November 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 metastásico en un erizo pigmeo (*Atelerix albiventris*). Resúmenes de Ponencias, pp. 15-16

November 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

November 15, 2011

Association of Northwest Avian and Wildlife Veterinarians
Garner MM. Gross lesions for clinicians.

May 7-11, 2011

International Association for Aquatic Animal Medicine, 42nd Annual Conference, Las Vegas, NV
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 on 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

August 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)

August 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

September 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*)

October 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*)

October 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

- October 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
- November 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
- January 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
- February 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.
- August 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
- August 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, *Eublepharis 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 Migrants 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)

October 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.

October 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 (*Oreophaps derbianus*)

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

December 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.

February 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
Canada

Annual International Conference of the Wildlife Disease Association, Alberta

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.

- August 9-14, 2008 Savannah, Georgia Association of Avian Veterinarians, Association of Exotic Mammal Veterinarians
- 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*).
- August 26-30, 2008 3er curso de Patologia en Fauna Silvestre, Universidad Nacional Autonomia, Mexico City
- Garner MM, Diseases of Amphibians (Workshop)
- September 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*).
- October 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 (*Oreophaps 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, Risattii 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*).

- December 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*.
- September 9th, 2007 Association of Northwest Avian Veterinarians/Pacific Northwest Herpetological Society.
Garner MM. Inclusion body disease in boids, A Review.
- October 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?
- October 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.

October 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.

Wack AN, Haefele HJ, Garner MM. Cutaneous melanoma in a southern black rhinoceros (*Diceros bicornis minor*).

Take GL, Suedmeyer WK, Michael M, Garner MM. Vitiligo in a sub-adult eastern black rhinoceros (*Diceros bicornis michaeli*).

Rosas-Rosas AG, Juan-Sallés C, Garner MM, Ball R, Dunker F. Renal papillary necrosis in three Bengal tigers (*Panthera tigris tigris*) treated with nonsteroidal inflammatory drugs.

Nov 29 – Dec 3, 2007

17th Biennial Conference on the Biology of Marine Mammals
Moore MJ, Bogomolni A, Early G, Lentell B, Hayward B, David Rotstein, Garner MM. Gas emboli in seals and dolphins entangled in gillnets.

April 23-25, 2006

Association of Reptile and Amphibian Veterinarians, annual meeting, Baltimore
Innis CJ, Garner MM. Spinal osteoarthropathy in green iguanas (*Iguana iguana*)
Innis CJ, Garner MM, Johnson A, Ogust R. Investigation of upper alimentary tract disorder in a group of captive Arkan Forest turtles.
Garner MM, Wellehan JFX, Nordhausen RW. Adenovirus infection in 7 snakes.
Barten SL, Wyneken J, Mader D, Garner MM. Aneurysm in the dorsal neck of two bearded dragons (*Pogona viticeps*).

May 30-June 2, 2006

International Conference on Exotics, Fort Meyers, FL.
Garner MM, Select diseases of caviés.
Garner MM, Myofasciitis in the domestic ferret
Garner MM, Wobbly hedgehog syndrome

May 24-27, 2006: EAZWV Meeting, Budapest, Hungary

Juan-Sallés C, Parás A, Marques H, Garner MM: Causes of embryonic mortality in an aviary: 72 cases. *Proceedings EAZWV 2006*, pgs. 187-190

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August 23, 2006

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Naples, FL.
- Garner MM. Techniques for diagnosing inclusion body disease in snakes.
- Garner MM. Reptile bone marrow examination and interpretation
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- February 18, 2004 Garner MM. Reptile diseases, gross and histopathology. Association of Northwest Avian and Wildlife Veterinarians. Everett, WA
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- November 3-7, 2003 Jornadas de Veterinaria y Comportamiento en Animales de Zoológico y Acuario Jardín Zoológico de la Ciudad de Buenos Aires- Argentina

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Co-Moderators: MM Garner, L Munson

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- Romagnano A, Wolf S, Garner MM. In ovo aspiration of amniotic fluid in psittacine embryos.
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September 1996 3rd Annual Zoo and Wildlife Pathology Workshop, Puerto Vallarta, Mexico
Fatal hepatic sarcocystosis in two polar bears.

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Dissecting aortic aneurysm in an ostrich

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Prion disease: A review of the spongiform encephalopathies in man and much higher animals.

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Problems associated with endoscopic biopsy for the diagnosis of gastrointestinal lesions in the dog and cat.
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Amoebiasis in a boa constrictor (*Constrictor constrictor*)

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