

Curriculum Vitae

Heidi Huffman Rose, D.V.M., M.S., Diplomate, A.C.V.P.
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Education

- 2004-2008 Resident, Anatomic Pathology, Mississippi State University College of Veterinary Medicine, Mississippi State, MS
- 2005-2008 Masters of Science, Veterinary Medical Science, Mississippi State University College of Veterinary Medicine, Mississippi State, MS
Thesis: Survivin and p53 expression in feline oral squamous cell carcinoma and correlation with prognosis
- 2000-2004 Doctor of Veterinary Medicine, Mississippi State University College of Veterinary Medicine, Mississippi State, MS
- 1997-2001 Bachelor of Science, Animal and Dairy Science, *Summa Cum Laude*, Mississippi State University, Mississippi State, MS

Employment

- 2022-present Associate Clinical Professor of Anatomic Pathology, Mississippi Veterinary Research and Diagnostic Laboratory, Mississippi State University College of Veterinary Medicine, Pearl, MS
- 2015-2022 Assistant Clinical Professor of Anatomic Pathology, Mississippi Veterinary Research and Diagnostic Laboratory, Mississippi State University College of Veterinary Medicine, Pearl, MS
- 2008-2015 Veterinary Diagnostic Specialist, Thompson-Bishop-Sparks State Diagnostic Laboratory, Alabama Department of Agriculture and Industries, Auburn, AL
Concurrent appointment:
2009- 2015 Affiliate Instructor, Department of Pathobiology, Auburn University College of Veterinary Medicine, Auburn, AL

Veterinary Licensure and Certification

- 2017 Diplomate, American College of Veterinary Pathologists
- 2015-present Mississippi Board of Veterinary Medicine

FTE distribution

Pathology service responsibilities, MVRDL (98% FTE)

Mammalian necropsy, biopsy, cytology

Avian histopathology

Administrative responsibilities:

2018-present Histology Section head

2016-present Referral Section head

Teaching responsibilities, MVRDL (2% FTE)

Fall 2021 Avian Histopathology CVM 8033

3 credit hours, 35% of lectures

Fall 2019 Avian Histopathology CVM 8033

3 credit hours, 25% of lectures

Fall 2017 Avian Histopathology CVM 8033

3 credit hours, 25% of lectures

Refereed Publications

Thiemann R, Dalton MF, **Rose H**, Baughman B, Butler A, Adcock K, Nemeth N, Armour A. An investigation of the cause of wild turkey mortality in Mississippi. *Avian Dis.* 2022 Jun; 66 (2): 237-242.

Dunnam G, Varela-Stokes A, **Rose H**, Banda A. *Heterakis isolonche* infection associated with severe nodular typhlitis and suspect aberrant pulmonary migration in a golden pheasant (*Chrysolopus pictus*). *Avian Dis.* 2022 Jun; 66 (2): 243-247.

Kottwitz JJ, Perry KK, **Rose HH**, Hendrix CM. *Angiostrongylus cantonensis* in captive Geoffroy's tamarins (*Saguinus geoffroyi*). *J Am Vet Med Assoc.* 2014 Oct 1; 245 (7): 821-827.

Puschner B, **Rose HH**, Filigenzi MS. Diagnosis of *Amanita* toxicosis in a dog with acute hepatic necrosis. *J Vet Diagn Invest.* 2007 May; 19 (3): 312-317.

Non-refereed Publications

Wilson AE, Chislock MF, Doster E, Wright RA, Kottwitz JJ, Walz H, **Rose H**. Toxic algae threaten livestock health. *Alabama Cattleman.* 2013 June; 55 (6): 16-17.

Rose H. Feline Cytauxzoonosis. *Pegasus Dx.* 2007; 4 (1): 2-3.

Presentations, National and International Conferences

Rose HH. Concurrent parvoviral myocarditis and enteritis in a Rottweiler puppy (virtual poster). American Association of Veterinary Laboratory Diagnosticians, 65th Annual meeting. October 2022.

Armour N, Pulido M, **Rose H**, Banda A, Mackey R, Sellers H, Stayer P, Riley E. Case report: Investigating unusual outbreaks of neurologic disease in broiler chickens. American Association of Avian Pathologists, Philadelphia PA. July- August 2022.

Dunnam G, Banda A, **Rose H**, Baughman B. Proventriculitis in a broiler integrator in Mississippi: a field investigation. International Poultry Scientific Forum, Atlanta GA. January 2022.

Thiemann R, Dalton MF, **Rose H**, Baughman B, Butler A, Armour N. An investigation of the cause of wild turkey mortality in Mississippi. International Poultry Scientific Forum (virtual). January 2021.

Yang T, Armour S, Pulido-Landínez M, Banda A, **Rose H**, Baughman B. Characterization of neuropathologic lesions associated with avian reovirus infection in commercial broiler chickens. American College of Veterinary Pathologists, San Antonio, TX. November 2019.

Rose HH, Baughman BS, Banda A, Eichelberger TH, Mackey R, McKinley WT. Chronic wasting disease in Mississippi White-tailed deer. American Association of Veterinary Laboratory Diagnosticians, Providence, RI. October 2019.

Rose HH, Yan L, Thornton J. *Streptococcus pneumoniae*-associated septicemia in two cats. American Association of Veterinary Laboratory Diagnosticians, Providence, RI. October 2019.

Rose HH, Pulido-Landínez M. A survey of enterococcal and bacterial spondylitis in broiler chickens and review of pathogenesis. American Association of Avian Pathologists, Denver, CO. July 2018.

Rose HH, Johnson LB. Granulomatous myocarditis in a turkey. American Association of Avian Pathologists, Denver, CO. July 2018.

Hockaday JK, Pulido-Landínez M, Baughman BS, **Rose HH**. Avian reovirus-associated tenosynovitis with degenerative joint disease in broiler breeders. American Association of Veterinary Laboratory Diagnosticians, San Diego, CA. October 2017.

Cline JL, Roberts JS, **Rose HH**, Mann SE. A case of ascites and associated feed mill pathology in broilers. American Association of Avian Pathologists, Boston, MA. July 2015.

Rose HH, Read RW, McCoy CP. Armed Forces Institute of Pathology Wednesday Slide Conference: Canine ameloblastic fibro-odontoma. Conference four, case two, 2005.

Presentations, Regional and State Conferences

Armour N, Pulido M, **Rose H**, Banda A, Stayer P, Riley E. A new differential for neurologic disease in chickens? Emerald Coast Veterinary Conference, Miramar Beach, FL. July 2021.

Armour N, Pulido M, Banda A, **Rose H**, Stayer P, Riley E, French D. Reo gone rogue? A case investigation. MS Poultry Association Health Seminar, Jackson, MS. March 2019.

Roberts J, Cline JL, Walz H, Mann S, McCall L, **Rose H**. Case 15J02459: 5-day broiler breeder pullet (copper toxicosis). Forty-fifth Annual Southeastern Veterinary Pathology Conference, Tifton, GA. May 2017.

Rose HH. Bovine rabies. Alabama Department of Agriculture and Industries field officers meeting, Montgomery, AL. November 2012.

Rose HH. Granulomatous splenitis in a dog (mycobacteriosis). Thirty-ninth Annual Southeastern Veterinary Pathology Conference, Tifton, GA. May 2011.

Rose HH. Bovine respiratory disease complex: bovine lymphotropic herpesvirus. Food Animal Veterinarian Conference, Columbiana, AL. February 2009.

Rose HH. Hepatic neoplasia in a cat (lymphoma). Thirty-sixth Annual Southeastern Veterinary Pathology Conference, Tifton, GA. May 2008.

Rose HH. Canine dermatitis (erythema multiforme). C.L. Davis Foundation Sixteenth Annual Southcentral Division Meeting, Galveston, TX. October 2006.

Baughman B, Cooley AJ, **Rose HH**. Interstitial pneumonia in a black-tailed prairie dog (toxoplasmosis). C.L. Davis Foundation Sixteenth Annual Southcentral Division Meeting, Galveston, TX. October 2006.

Rose HH, Cooley AJ. Canine myocarditis and myositis (hepatozoonosis). Thirty-fourth Annual Southeastern Veterinary Pathology Conference, Tifton, GA. May 2006.

Rose HH, Maslin WR. Multifocal fibromatous masses in a juvenile canine (juvenile desmoid fibromatosis). C.L. Davis Foundation Fifteenth Annual Southcentral Division Meeting, Galveston, TX. October 2005.

Rose HH. Canine odontogenic tumor (ameloblastic fibro-odontoma). Thirty-third Annual Southeastern Veterinary Pathology Conference, Tifton, GA. May 2005.

Rose HH. A case of canine chronic pustular dermatitis (pemphigus foliaceus). C.L. Davis Foundation Fourteenth Annual Southcentral Division Meeting, Galveston, TX. October 2004.

Professional Conferences Attended

American Association of Veterinary Laboratory Diagnosticians, 65th Annual meeting (virtual). October 2022.

22nd Davis- Thompson Foundation American Association of Veterinary Laboratory Diagnosticians Diagnostic Pathology Symposium: Diseases of the Nervous System (virtual). October 2022.

2021 American College of Veterinary Pathologists Annual Meeting (virtual). October-November 2021.

C.L. Davis/ S.W. Thompson Foundation Pre-Meeting Workshop: Soft Tissue Tumors are “Hard”: Current Perspectives. 2021 American College of Veterinary Pathologists Virtual Annual Meeting. October 2021.

American Association of Veterinary Laboratory Diagnosticians, 63rd Annual meeting (virtual). October 2020.

American Association of Veterinary Laboratory Diagnosticians, 62nd Annual meeting, Providence, RI. October 2019.

Diagnostic Pathology of Lymphoid Organs. 19th Davis- Thompson Diagnostic Pathology Symposium, Providence, RI. October 2019.

Comparative Ocular Pathology Conference. Knoxville, TN. February 2019.

American Association of Avian Pathologists, Denver, CO. July 2018.

Clinical Pathology Workshop for Anatomic Pathology Residents, Blacksburg, VA (remote attendance). July 2017.

Davis-Thompson Foundation 44th Annual Gross Pathology Review Course, Ft. Collins, CO. July 2017.

Davis-Thompson Foundation 2017 General Veterinary Pathology Review Course, Davis, CA. January 2017.

Thirty-eighth Annual Southeastern Veterinary Pathology Conference, Tifton, GA. May 2010.

The American College of Veterinary Pathologists 58th Annual Meeting, Savannah, GA. November 2007.

C.L. Davis Foundation Gross Course, Washington, D.C. March 2007.

Virtual Seminars Attended

Davis- Thompson Foundation Full-day Seminar on Poultry Pathology. October 2022.

Davis- Thompson Foundation symposium: Hot legs and other amphibian adventures. May 2022.

American College of Veterinary Pathologists webinar: Bone marrow pathology for anatomic pathologists, parts 1 and 2. April 2022.

Davis- Thompson Foundation symposium: Foal diarrhea: the usual suspects and a new kid on the block. January 2022.

Davis- Thompson Foundation symposium: Equine dental histology: foundational knowledge straight from the horse’s mouth. January 2022.

Davis-Thompson Foundation symposium: Animal forensics: a veterinary pathologist’s and a lawyer’s approach. September 2021.

Davis-Thompson Foundation symposium: Voices in pathology: Women. July 2021.

Davis-Thompson Foundation symposium: Diseases of the skeletal system. June 2021.

Davis-Thompson Foundation symposium: Diagnosis of bovine abortion. April 2021.

Davis-Thompson Foundation day symposium: Diseases of exotic birds. March 2021.

Davis-Thompson Foundation symposium: Pathology identified in mortality surveys of commercial layer hens. March 2021.

Davis-Thompson Foundation symposium: Diagnostic poultry pathology: from the necropsy room to the microscope. Part 2. February 2021.

Davis-Thompson Foundation symposium: Bone biopsies: the basics and beyond. January 2021.

Davis-Thompson Foundation day symposium: Diseases of honeybees. January 2021.
Mississippi Veterinary Medical Association virtual veterinary webinar series: Practical Clinical Pathology. January 2021.
Davis-Thompson Foundation symposium: Diagnostic avian cases. December 2020.
Davis-Thompson Foundation symposium: Pathology of the equine and bovine ovary. November 2020.
Davis-Thompson Foundation symposium: Intestinal biopsies. September 2020.
American College of Veterinary Pathologists webinar: Ocular anatomy for veterinary pathologists- a two-part webinar series. August 2020.
Davis-Thompson Foundation day symposium: Black voices in pathology. July 2020.

Professional Organizations, Memberships

American College of Veterinary Pathologists
The American Association of Veterinary Laboratory Diagnosticians
American Association of Avian Pathologists
American Veterinary Medical Association
Mississippi Veterinary Medical Association
International Society of Veterinary Dermatopathology (inactive)
The Society of Phi Zeta, Omega Chapter
Phi Kappa Phi (inactive)

Committees

2022 Search committee, sample receiving assistant, MVRDL.
2020 Search committee, sample receiving assistant, MVRDL.
2019 Search committee, veterinary anatomic pathologist, MVRDL.

Awards

Yang T, Armour S, Pulido-Landínez M, Banda A, **Rose H**, Baughman B. Characterization of neuropathologic lesions associated with avian reovirus infection in commercial broiler chickens.

2019 ACVP/ AAVLD Diagnostic Pathology Award.

ACVP Young Investigator Award, Diagnostic Pathology, 2nd place.

Clinical Pathological Conference Award: “Canine Chemodectoma.” Mississippi State University College of Veterinary Medicine, Mississippi State, MS. March 2004.

National Merit Scholar, 1997.

Professional Experience

Foreign Animal Disease Investigation in the Laboratory Exercise 2022. USDA Animal and Plant Health Inspection Service, National Animal Health Laboratory Network. June 2022.

Summer Research Experience, Mississippi State University College of Veterinary Medicine, Mississippi State, MS. 2001. Project: CD45 expression in chicken bursa cells.

Service

Mississippi State University College of Veterinary Medicine. Phi Zeta manuscript awards. February 2022.

Auburn University College of Veterinary Medicine. Specimen Collection and Packaging Laboratory (senior veterinary students). December 2011.

Mississippi State University College of Veterinary Medicine, Homeward Bound of MS. Animal transport, temporary foster. 2010-2011.

Mississippi State University College of Veterinary Medicine, Student Chapter of the American College of Veterinary Pathologists presentations:
Canine hepatozoonosis. February 2007.
Feline cytauxzoonosis. November 2005.
Introduction to terminology in veterinary pathology. November 2004.

Mississippi State University College of Veterinary Medicine, Veterinary Technology Program. Necropsy laboratory. Fall 2006.

Mississippi State University College of Veterinary Medicine, Veterinary Technology Program. Necropsy laboratory. Spring 2005.

Mississippi State University College of Veterinary Medicine, Class of 2004, Class secretary. 2001-2004.

Mississippi State University College of Veterinary Medicine, Morris Animal Foundation Student representative. 2001-2002.