***Kimberly A. Woodruff, DVM, MS,***

***Diplomate ACVPM, Diplomate Epidemiology***

2279 Mt. Olive Rd

Starkville, MS 39762

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Email: kwoodruff@cvm.msstate.edu

**Education**

**Master of Science, Veterinary Medicine** May, 2013

Mississippi State University College of Veterinary Medicine

Starkville, MS

Thesis: “Comparison of the Complication Rates between Scrotal and Prescrotal Techniques for the Adult Male Canine Castration”

Faculty Advisor: Dr. Phil Bushby

**Doctor of Veterinary Medicine** April, 2008

Mississippi State University College of Veterinary Medicine

 Starkville, MS

**Work Experience**

**Associate Clinical Professor of Shelter Medicine and** 2020-Present

**Clinical Epidemiology**

Director, Shelter Medicine

Department of Clinical Sciences

Mississippi State University College of Veterinary Medicine

Starkville, MS

**Assistant Clinical Professor** 2015-2020

Shelter Medicine, Program Director/Service Chief,

Department of Clinical Sciences

Mississippi State University College of Veterinary Medicine

Starkville, MS

**Assistant Clinical Professor** 2013-2015

Shelter Medicine

Department of Clinical Sciences

Mississippi State University College of Veterinary Medicine

Starkville, MS

**Clinical Instructor** 2012-2013

Shelter Medicine

Department of Clinical Sciences

Mississippi State University College of Veterinary Medicine

Starkville, MS

**Resident** 2009-2012

Shelter Medicine

Department of Clinical Sciences

Mississippi State University College of Veterinary Medicine

Starkville, MS

**Intern**  2008-2009

Shelter Medicine

Department of Clinical Sciences

Mississippi State University College of Veterinary Medicine

Starkville, MS

**Awards, Honors, Achievements**

Diplomate, Veterinary Epidemiology 2017

Diplomate, American College of Veterinary Preventive Medicine 2016

Deans Award for Meritorious Service 2014

Veterinary Masters Outstanding Graduate Award 2013

Induction into Gamma Sigma Delta 2012

Induction into Phi Kappa Phi 2012

Induction into Phi Zeta 2012

**Teaching**

Co-Course Leader, CVM 5273 Population Medicine 2016-Present

A three-week core course that focuses on animal health on a population level, epidemiologic principals, understanding and interpreting diagnostic tests including positive and negative predicative values, and interpreting scientific data. I oversee the student experience, coordinate faculty participating in the rotation, and am responsible for coordinating student grading and assessments.

Co-Course Developer, CVM 5273 Population Medicine 2016

Worked with another faculty member to develop course including student activities, grading rubric, threshold activities and syllabus. This is a three-week core course designed to teach veterinary medicine on a population level, help students understand and interpret diagnostic tests and learn to think critically about disease control. The student experiences were designed to focus on disease outbreak investigations and on-site consultations of food animal production systems and companion animal organizations.

Course Leader, CVS 5246 Shelter Medicine Week 2014-Present

Developed as a one-week experience within Community Veterinary Services (CVS) to teach students physical exam skills, basic diagnostic test techniques, treatment plans, spay/neuter skills, and basic biosecurity. I focus on the student experience and weekly schedules. I am also one of four doctors that leads trips for the students participating in Shelter Medicine Week.

Course Leader, CVM 5640 Shelter Medicine Elective 2008-Present

A two-week elective offered by the shelter medicine program. As service chief and program director, I oversee 3-5 other doctors and three technicians. I am responsible for coordinating the student activities, coordinating the schedules for each two-week elective, and ensuring that the students get a positive experience. I also take two surgical trips weekly, overseeing students as they perform surgery

The program uses a high quality/high volume spay/neuter model to teach basic surgical skills to 4th year veterinary students. Each trip consists of 2-3 students, one doctor, and one technician. An average of 25-30 surgeries are performed each trip and each student averages 55 surgeries by the end of the two-week experience.

**Mentorship**

Master’s Student: Cassandra Cain 2017-Present

Co-Major Professor

Projected completion, Dec 2019

Population Medicine Resident: Isaac Jumper 2018-Present

Shelter Medicine Resident: Uri Donnett 2015-2018

Shelter Medicine Intern: Jodi Richardson 2016-2017

Senior Veterinary Student Advising

Caitlin Outlaw (Class of 2020)

Carly Pierson (Class of 2020)

 Alison Tobia (Class of 2015)

Holly Smith (Class of 2016)

Rebecca Flores (Class of 2014)

**Scholarly Activity**

**Grants**

***Successful:***

$1,200,000: *Educational Approaches to Improve Cattle Health and Reduce Antibiotic Use: United States Department of Agriculture, National Institute of Food and Agriculture.*  D Smith, B Karisch**, K Woodruff**, C Brookshire, C Huston, R Will, W Epperson. 2017

Aim: To develop cloud-based application to track animal health and antibiotic use, specifically for cattle health, and to develop youth outreach and education programs pertaining to food and companion animal health and antibiotic stewardship. I was included in this project to lead the student outreach and education activities and because this grant supports several activities of the population medicine rotation and population medicine residents.

$608,776: *An Estimate of the Number of Dogs in US Shelters in 5 regions and Factors Affecting their Fate.* Stanton Foundation**. K Woodruff**, D Smith. 2017

Aim: To conduct in-person surveys of shelters in one state in each region of the US to gain information about the number of dogs entering shelters and subsequently adopted, transferred and euthanized. Also, to collect information pertaining to shelter characteristics, county demographics, and dog phenotypes that affect their outcomes. During this project I coordinated 17 rising second year veterinary students as they visited over 300 shelters across the United States to perform in-person surveys in shelters in five states

$49,400: *Shelter Medical Diagnostic Center*. C Brookshire, **K** **Woodruff,** J Shivley, P Bushby. PetSmart Charities. August 2017

Aim: To conduct a RACE approved CE conference for shelter workers pertaining to shelter management, disease control, and adoption strategies.

$2,000: *Transection as a Safe and Faster Means to Release the Suspensory Ligament during Canine Ovariohysterectomy.* J Richardson, J Shivley, **K Woodruff**, D Smith, R Meyer. ORGS House Officer Clinical Research Grant. January 2017.

Aim: To compare the safety and time efficiency of sharp transection versus traditional strumming technique for the release of the suspensory ligament during a canine spay.

$54,834: *A Survey to Determine an Accurate Estimate of the Number of Dogs in US Shelters.* Pet Leadership Council**. K Woodruff,** D Smith. 2016

Aim: To conduct a nationwide phone survey to collect information from US shelters pertaining to animal intake, adoption, transfer and euthanasia rates as well as shelter characteristics that affect those outcomes.

$1,857: *A clinical trial to evaluate Tramadol as an antitussive for acute canine coughing*. ORGS House Officer Grant. ORGS House Officer Grant. U Donnett, C Brookshire, J Shivley, C Loftin, **K Woodruff**. 2016

Aim: To evaluate the efficacy of Tramadol as an antitussive for canines.

$5,000: *A Comparison of the Reduction in Coccidia Oocyst Burden Using Sulfadimethoxine, Toltazuril, or Ponazuril in Shelter-Housed Cats.* Morris Animal Foundation. **K Woodruff,** K Quinn, U Donnett. 2015.

Aim: To compare the efficacy of toltazuril and ponazuril as anticoccidial drugs in shelter dogs and cats.

$50,000: *Using System Dynamics Software and Data Management Tools to Minimize Loss from New, Foreign and Emerging Pests and Diseases Of Livestock*. D. Smith, R. Wills, C. Huston, M Khaitsa, H Bailey, S Jack, **K Woodruff**. 2014

Aim: To establish a system for teaching software use and data analysis to make decisions in veterinary medicine. This grant established a mobile computer lab has been used to teach students in the population medicine about spreadsheets, data management and decision making; and has been used for several national continuing education courses dealing with data analysis and decision making,

$1,840.00: *Intra and Post-Surgical Complication Rates Observed During Routine Sterilization Surgery; and the Development and Description of a Tool for Training Shelter Personnel in Accurate Pain and Post-Surgical Complication Identification.* ORGS House Officer Clinical Research Grant U Donnett, **K Woodruff**, J Shivley. 2014

Aim: To evaluate complication rates in following surgery performed in the spay/neuter elective.

***Unfunded Grants***

$10,057,649. *Center for Accessible Canine Healthcare and Education.* Submitted to the Stanton Foundation. Hoblet K, Smith D, Woodruff K, Brookshire C, Sullivant A. June 2019

$1,486,313. *Evaluation of common diagnostic tests used as prognostic indicators in the treatment of Dirofilaria immitis (canine heartworm) and the efficacy of doxycycline and prednisone in reducing complications and deaths related to heartworm treatment.* Submitted to Stanton Foundation. Woodruff K, Smith D, Brookshire C*.* Oct 2019

**Peer Reviewed Publications**

Cain CJ, **Woodruff KA**, Smith DR. Factors associated with shelter dog euthanasia versus live release by adoption or transfer in the United States. *Animals*. *Accepted for printing.* (Corresponding author)

Cain CJ, **Woodruff KA**, Smith DR. Phenotypic Characteristics Associated with Shelter Dog Adoption in the United States. Animals (Basel). 10(11):1959. (Corresponding author)

**Woodruff, K.** Smith, D., Cain, C., Loftin, C. The number of dogs entering shelters in 5 states and factors affecting their outcomes: A study of the sheltering system. Journal of Applied animal welfare. DOI: 10.1080/10888705.2020.1852407

Cain C, **Woodruff K,** Loftin C, Smith D.Factors associated with rabies vaccination of dog shelter employees in five states. *Zoonoses and Public Health. 2020;0,1-5. https//doi.org/10.1111/zph.12752.* (Corresponding author)

Shivley J, Bushby P, Brookshire C, **Woodruff K**. Update on Ovariohysterectomy. Today’s Veterinary Practice. 2020; https://todaysveterinarypractice.com/update-on-ovariohysterectomy/

**Woodruff, K.** Smith, D. An estimate of the number of dogs in US shelters in 2015 and the factors affecting their fate. *Journal of Applied Animal Welfare.* 2019. <http://dx.doi.org/10.1080/10888705.2019.1663735>

**Woodruff, K.** Smith, D., Cain, C., Loftin, C. The number of dogs entering shelters in 5 states and factors affecting their outcomes: A study of the sheltering system. Journal of Applied Animal Welfare. *(Accepted for publication, July 2019)*

**Woodruff, K.** “Rectal Prolapse”, book chapter in “Spay Neuter Surgery and Other Common

Surgeries in Shelter Animal Practice” *(Accepted)*

Shivley, J.M., Brookshire, C.W.; Bushby, P.A.; **Woodruff, K**. Student Learning Experiences and Outcomes in The Mississippi State University College of Veterinary Medicine Shelter Medicine Program. *Preprints* **2017**, 2017100151 (doi: 10.20944/preprints201710.0151.v1).

Loftin CM, **Woodruff K**. Animals in Focus: Where Outreach Meets Education*. National Association of Veterinary Technicians of America.* 2017. Journal 6: 62-64

Brookshire W, Shivley J, **Woodruff K**, Cooley J. Uterine unicornis and pregnancy in two feline littermates. *Journal of Feline and Medicine and Surgery Open Reports*. 2017

**Woodruff K**, Thomason J. “Chlamydophila felis: Pathogenesis and Management” *Therapeutic Brief.* July 2016. Pp59-61

Bushby P, **Woodruff K**. Shivley J. “The Mississippi State University College of
Veterinary Medicine Shelter Program” *Animals.* 2015 Apr 24; 5(2):259-69

**Woodruff K**, Bushby P, Rigdon-Brestle C, Huston C, Wills R, “Scrotal castration as a safe and effective means of male canine sterilization” *Today’s Veterinary Medicine. 2013*

Eubanks D, **Woodruff K**. “Basics of Saliva*.” J Vet Dent.* 2010, 27(1), p270-271.

**Abstracts and Proceedings**

Jones KM, Wills RW, Smith DR, Brookshire WC, **Woodruff KA**. A system dynamics model of shelter capacity for care. CRWAD (virtual) 2020

**Woodruff, K,** Smith D. *An estimate of the Number of Dogs in US shelters and the factors affecting their fate.* Conference of Research Workers in Animal Diseases, Chicago IL, Dec, 2018, Abstract and Oral Presentation

**Woodruff K,** Smith, D. *An Estimate of the number of dogs in US shelters and factors affecting their fate.* International Symposia for Veterinary Epidemiology and Economics, Chiang Mai, Thailand, Nov 2018. Abstract and Oral Presentation.

**Woodruff K,** Donnett U, Smith D., Shivley J.M. *Progression of surgical efficiency, incision length and complication rate in senior veterinary students enrolled in a 2 week spay/neuter surgical elective.* International Symposia for Veterinary Epidemiology and Economics, Chiang Mai, Thailand, Nov 2018, Abstract and Oral Presentation.

Shivley, J.M., Richardson, J.M., Smith, D.R., Meyer, R.E., Brookshire, W.C., **Woodruff, K.A.** *Transection as a Safe and Faster Means to Release the Suspensory During Canine Ovariohysterectomy*. Conference of Research Workers in Animal Diseases, Chicago IL, Dec 3-5, 2017. Abstract and Oral Presentation.

**Woodruff K, Smith, D**. *An Estimate of the number of dogs in US shelters and factors affecting their fate.* The Society of Animal Welfare Administrators, Miami, FL, Oct 2017. Abstract and Oral Presentation.

Shivley, J.M., Richardson, J.M., Smith, D.R., Meyer, R.E., Brookshire, W.C., **Woodruff, K.A.** *Transection as a Safe and Faster Means to Release the Suspensory During Canine Ovariohysterectomy*. American Board of Veterinary Practitioners Symposium, Atlanta, GA, Oct 5-9, 2017. Abstract and oral presentation.

Amos, B., Loftin, C.M., **Woodruff,** K.A., Shivley, J.M., Smith, D.R., Brookshire, W.C. *A clinical trial to investigate the efficacy of tramadol as an antitussive in anesthetized dogs.* Summer Research Symposium, College of Veterinary Medicine, Mississippi State University, 2017. Abstract and Oral Presentation.

**Woodruff K.,** Shivley J.M, Donnett U., Smith D. *Pedicle tie as a safe and efficient means of ovarian pedicle hemostasis in feline ovariohysterectomy.* Conference of Research Workers in Animal Diseases, Chicago, IL, Dec 4-6, 2016 Abstract and oral presentation.

Shivley, J.M., **K.A. Woodruff,** D.R. Smith, U.B. Donnett. *Pedicle tie as a safe and efficient means of ovarian pedicle hemostasis in feline ovariohysterectomy.* ABVP Symposium, San Antonio, TX, October 7-9, 2016. Abstract and oral presentation.

Shivley, J. **Woodruff, K,** Brookshire, B. Donnett D., Smith D. *Pedicle tie as a safe and effective means of pedicle hemostasis in feline ovariohysterectomy.* Conference of Research Workers in Animal Diseases, Chicago IL, Dec 4-6, 2015, Abstract and Oral Presentation.

Donnett U., **Woodruff K**, Shivley J.M. *Peri-operative morbidity and risk factors associated with routine sterilization surgeries performed on a mobile surgical service.* Conference of Research Workers in Animal Diseases, Chicago, IL, Dec 6-8, 2015. Abstract and Oral Presentation.

**Woodruff K,** Donnett U, Smith D., Shivley J.M. *Progression of surgical efficiency, incision length and complication rate in senior veterinary students enrolled in a 2 week spay/neuter surgical elective.* Conference of Research Workers in Animal Diseases, Chicago, IL, Dec 6-8, 2015. Abstract and Oral Presentation.

Shivley, J.M., Richardson, J.M., Smith, D.R., Meyer, R.E., Brookshire, W.C., **Woodruff, K.A.** *Transection as a Safe and Faster Means to Release the Suspensory During Canine Ovariohysterectomy.* Conference of Research Workers in Animal Diseases, Chicago, IL, Dec 3-5 2015. Abstract and oral presentation.

**Woodruff K.,** Donnett U., Smith D., Shivley J.M. *Progression of surgical efficiency, incision length and complication rate in senior veterinary students enrolled in a 2 week spay/neuter surgical elective.* 2015 Conference of Research Workers in Animal Diseases, Chicago, IL, Dec 6-8, 2015. Abstract and oral presentation.

Donnett U., **Woodruff K.,** Shivley J.M. *Peri-operative morbidity associated with routine sterilization surgeries performed on a mobile surgical service.* Association of Boarded Veterinary Practitioners Symposium, New Orleans, LA, Nov 12-15, 2015. Published abstract on VIN and oral presentation in Shelter Medicine track.

**Woodruff K**, Rigdon-Brestle K, Huston C, Bushby P, Wills R.  *Scrotal Castration as a Safe and Effective Means of Male Canine Sterilization.* International Symposia for Veterinary Epidemiology and Economics, Yucatan Mexico. Nov, 2015. Abstract and Oral Presentation.

**Woodruff K.** *Vaccination in Animal Shelters.* Emerald Coast Veterinary Conference, San Destin, FL. June 2015. Proceedings and Oral Presentation.

**Woodruff K.** *Efficient Spay and Neuter Techniques.* Emerald Coast Veterinary Conference, San Destin, FL. June 2015. Proceedings and Oral Presentation.

**Woodruff K.** *Disease Control in Animal Shelters.* Emerald Coast Veterinary Conference, San Destin, FL. June 2015. Proceedings and Oral Presentation.

**Woodruff K.** *Unusual Encounters in Surgery.*  Emerald Coast Veterinary Conference, San Destin, FL. June 2015. Proceedings and Oral Presentation.

**Woodruff K.** *Infectious Disease in Dogs and Cats.* Emerald Coast Veterinary Conference, San Destin, FL. June 2015. Proceedings and Oral Presentation.

**Woodruff K**, Rigdon-Brestle K, Huston C, Bushby P, Wills R.  *Scrotal Castration as a Safe and Effective Means of Male Canine Sterilization.* Conference of Research Workers in Animal Diseases. Chicago, IL, Dec 7-9, 2014. Abstract and oral presentation.

Shivley J.M., **Woodruff K.** *Surveillance of ecto- and endoparasitism in northern Mississippi canine shelter populations.* Conference of Research Workers in Animal Diseases. Chicago, IL, Dec 7-9, 2014. Abstract and oral presentation.

**Woodruff K.**  *Exotics and Pocket Pets in Shelters.* Western States Veterinary Conference. Las Vegas, NV, Feb, 2013. Proceedings and Oral Presentation

**Woodruff K.**  *Feline Infectious Peritonitis.* Western States Veterinary Conference. Las Vegas, NV, Feb, 2013. Proceedings and Oral Presentation

**Woodruff K.**  *Vaccination Protocols for Shelters.* Western States Veterinary Conference. Las Vegas, NV, Feb, 2013. Proceedings and Oral Presentation

**Woodruff K.**  *Sanitation and disinfection for Shelters.* Western States Veterinary Conference. Las Vegas, NV, Feb, 2013. Proceedings and Oral Presentation

**Woodruff K.**  *Feline Infectious Disease in a Shelter Setting.* Western States Veterinary Conference. Las Vegas, NV, Feb, 2012. Proceedings and Oral Presentation

**Woodruff K.**  *Canine Infectious Diseases in a Shelter Setting.* Western States Veterinary Conference. Las Vegas, NV, Feb, 2012. Proceedings and Oral Presentation

**Woodruff K.**  *Infectious Disease Control in a Shelter Setting.* Western States Veterinary Conference. Las Vegas, NV, Feb, 2012. Proceedings and Oral Presentation

**Woodruff K.**  *Parasites in Animal Shelters.* Western States Veterinary Conference. Las Vegas, NV, Feb, 2012. Proceedings and Oral Presentation

**National and International Presentations**

Jones KM, Wills RW, Smith DR, Brookshire WC, **Woodruff KA***. A system dynamics model of shelter capacity for care.* CRWAD (virtual) 2020

Cain C, Woodruff K, Smith D. *Phenotypic factors affecting shelter dog* Nov 2019 *euthanasia and transfer in five states*. Poster Presentation

Conference of Research Workers in Animal Diseases, Chicago IL, Dec, 2019

Cain C, Woodruff K, Smith D. *Phenotypic factors affecting shelter dog* Nov 2019 *adoption and transfer in five states*. Oral Presentation

Conference of Research Workers in Animal Diseases, Chicago IL, Dec, 2019

*Describing Data (Using Descriptive Statistics)* July 2019

International Association of Food Protection Workshop:

Using Data and Statistical Analysis to Guide Food Safety Decision Making

Louisville, KY

*The number of dogs entering shelters in five states and factors that*  Dec 2018 *affect their outcomes*

Conference of Research Workers in Animal Diseases, Chicago, IL.

*An estimate of the number of dogs in US shelters and factors affecting* Nov 2018
*their fate*

International Symposia for Veterinary Epidemiology and Economics

Chiang Mai, Thailand

*Progression of Surgical Efficiency, incision length and complication* Nov 2018 *rate in senior veterinary students enrolled in a 2 week spay/neuter elective*
International Symposia for Veterinary Epidemiology and Economics

Chiang Mai, Thailand

*Transection as a safe and faster means to release the suspensory* Dec 2017 *ligament during canine ovariohysterectomy*

Conference of Research Workers in Animal Diseases, Chicago, IL.

*An estimate of the number of dogs in US shelters and factors affecting* Oct 2017
*their fate*

Society of Animal Welfare Administrators, Miami, FL.

*The risk project and population medicine* Feb 2017

 Mississippi Veterinary Medical Association, Starkville, MS.

*The Number of Dogs entering shelters in 2015 and the factors* Jan 2017
*affecting their fate*

North American Veterinary Conference, Orlando, FL.

*Pedicle tie as a safe and effective means of ovarian pedicle hemostasis* Dec 2016
 *in feline ovariohysterectomy*

Conference of Research Workers in Animal Diseases, Chicago, IL.

*An estimate of the number of dogs in US shelters*

Conference of Research Workers in Animal Diseases, Chicago, IL Dec 2016

*Progression of surgical efficiency, incision length and complication* Dec 2015
*rate in senior veterinary students enrolled in a 2 week spay/neuter
surgical elective*

Conference of Research Workers in Animal Diseases, Chicago, IL

*An observational study of the prevalence of heartworm disease in*  Dec 2015
*Mississippi shelter dogs and test efficacy*

Conference of Research Workers in Animal Diseases, Chicago, IL

*Scrotal Castration as a Safe and Effective Means of Male Canine Sterilization* Nov 2015

International Symposium for Veterinary Epidemiology and Economics,

Yucatan, Mexico

*Efficient Spay and Neuter Techniques (and using them to teach students)* Oct 2015

University of Melbourne, Melbourne, Australia

*Spay and Neuter Tips and Tricks (and Strange Encounters)* Oct 2015

University of Melbourne, Melbourne, Australia

*Efficient Spay and Neuter Techniques* July 2015

Mississippi Veterinary Medical Association, Perdido Key, AL

*Disease Control in Animal Shelters* July 2015

Mississippi Veterinary Medical Association, Perdido Key, AL

*Unusual encounters in surgeries* July 2015

Mississippi Veterinary Medical Association, Perdido Key, AL

*Bridging the Divide: Shelters and Veterinarians* July 2015

Mississippi Veterinary Medical Association, Perdido Key, AL

*Vaccination in Animal Shelters* June 2015

 Emerald Coast Veterinary Conference, San Destin, FL

*Efficient Spay and Neuter Techniques* June 2015

Emerald Coast Veterinary Conference, San Destin, FL

*Disease Control in Animal Shelters* June 2015

Emerald Coast Veterinary Conference, San Destin, FL

*Unusual encounters in surgeries* June 2015

Emerald Coast Veterinary Conference, San Destin, FL

*Infectious Disease in Dogs and Cats* June 2015

Emerald Coast Veterinary Conference, San Destin, FL

*Scrotal Castration as a Safe and Effective Means of Male Canine Sterilization* Dec 2014

Conference of Research Workers in Animal Diseases, Chicago, IL

*Scrotal Castration as a Safe and Effective Means of Male Canine Sterilization* Jan 2014

North American Veterinary Conference, Orlando, FL

*Sanitation in Shelters* July 2013

Mississippi Veterinary Medical Association, Orange Beach, AL

*Disinfection in Shelters* July 2013

Mississippi Veterinary Medical Association, Orange Beach, AL

*Feline Infectious Diseases* July 2013

Mississippi Veterinary Medical Association, Orange Beach, AL

*Parasite Control in Shelters* July 2013

Mississippi Veterinary Medical Association, Orange Beach, AL

*Exotics and Pocket Pets in Shelters* Feb 2013

Western States Veterinary Conference, Las Vegas, NV

*Feline Infectious Peritonitis* Feb 2013

Western States Veterinary Conference, Las Vegas, NV

*Vaccination Protocols for Shelters* Feb 2013

Western States Veterinary Conference, Las Vegas, NV

*Sanitation and Disinfection for Shelters* Feb 2013

Western States Veterinary Conference, Las Vegas, NV

*Feline Infectious Diseases in a Shelter Setting* Feb 2012

Western States Veterinary Conference, Las Vegas, NV

*Canine Infectious Diseases in a Shelter Setting* Feb 2012

Western States Veterinary Conference, Las Vegas, NV

*Infectious Disease Control in a Shelter Setting* Feb 2012

Western States Veterinary Conference, Las Vegas, NV

*Parasites in Animal Shelters* Feb 2012

Western Sates Veterinary Conference, Las Vegas, NV

*Update on the ASV Shelter Standards* Feb 2012

Western States Veterinary Conference, Las Vegas, NV

*Meeting Animal Needs* Dec 2011

Disaster Preparedness workshop, Hattiesburg, MS

*Preventing Disease Spread in Shelters* Dec 2011

Disaster Preparedness Workshop, Hattiesburg, MS.

*Oklahoma Shelters* Mar 2011

Web-based presentation to Shelter Medicine Residents and Fellows nationwide

**Local Presentations**

*Another Day, Another Spay: A Look at the MSU Spay and Neuter Program* 2019

Morbidity and Mortality rounds

*Biosecurity 101*  2018

PetSmart Shelter Medicine Conference

Hosted by Mississippi State University Shelter Medicine Program

*Facility Design*  2018

PetSmart Shelter Medicine Conference

Hosted by Mississippi State University Shelter Medicine Program

*Capacity for Care*  2018

PetSmart Shelter Medicine Conference

Hosted by Mississippi State University Shelter Medicine Program

*Overview of the shelter medicine program*  2018

Deans Council, MSU-CVM

*Careers in Shelter Medicine*  2018

Shelter Medicine Club

*Diagnostic Testing* Mar 2018

Epidemiology, 1st year curriculum

*Infectious Disease Control*  2012-2018

Preventive Medicine, 2nd year curriculum,

*Parasitic Skin Diseases*  2012-2015

Small Animal Medicine and Surgery, 2nd year curriculum

*Canine Valvular Insufficiency*  2012-2014

Small Animal Medicine and Surgery, 2nd year curriculum

*Non-Cardiogenic Pulmonary Edema*  2012-2014

Small Animal Medicine and Surgery, 2nd year curriculum

*Neonatology and Geriatrics* 2012-2014

Small Animal Medicine and Surgery, 2nd year curriculum,

*Otitis Externa/Otitis Media*  2012-2014

Small Animal Medicine and Surgery, 2nd year curriculum,

*Oral Manifestations of Infectious Diseases in the Canine and Feline* 2010-2013

4th year Dental Elective

*Animal Behavior and Handling* 2011

Veterinary Technology Class,

*Canine Infectious Disease*  2011

Veterinary Technician Class

**Service to the College and Profession**

Epidemiology Specialty Secretary 2020-Present

American College of Veterinary Preventive Medicine 2018-Present

Strategic Planning Committee

Participated in discussions and efforts to ensure continued success of the ACVPM specialty

American College of Veterinary Preventive Medicine 2018-Present

Continuing Education Committee

Served as liaison from Epidemiology CE Committee to ACVPM CE Committee. Assisted in coordination of presentations for national meetings.

American Association of Extension Veterinarians 2017-Present

Served as AAEV symposium Co-chair (2018) and Chairperson (2019). Coordinated one day symposium for presentation of abstracts related to research and outreach in veterinary medicine

Epidemiology Continuing Education Committee 2017-Present

Coordinated Epidemiology based CE presentations at various national meetings. Projected to serve as chair of the committee for the 2019-2020 year.

Service Chief and Director of the Shelter Medicine Program 2015-Present

Animals in Focus 2014-Present

Created program to incorporate animals into elementary age classroom experiences, and coordinate pet visits to the Palmer Children’s Home in Columbus, MS

Risk Group 2014-Present

MSU-CVM Veterinary epidemiologists and preventive medicine experts. Meet weekly to discuss veterinary student education, outreach, research, and graduate education

MSU-CVM Shelter Medicine Advisory Board 2012-Present

Participate in MSU-Vet Camp 2012-Present

MSU-CVM Disaster Response Committee 2008-Present

Oversee the medical supplies and coordinate the shelter medicine team in any disaster response activities that require animal care.

Medical Director for Homeward Bound Transport Program 2008-Present

Oversee veterinary Care for dogs and cats enrolled in the MSU-CVM transport program. Perform health checks upon enrollment in the program, address health issues, perform final health checks and sign appropriate interstate travel forms on the day of transport

MSU-CVM Disaster Response Team 2008-Present

Disaster Response Training Exercise 2016

In conjunction with University of Florida, mass training exercise for animal care

during a disaster response

Invited Consultant for Shelter Medicine and Spay/Neuter Program Oct 2015

University of Melbourne

Melbourne, Australia

Accompanied the Mobile Unit and select students to the Smithsonian July 2012

FolkLife Festival Washington, D.C

Medical Education day Mobile Unit Display Feb 2012

Mississippi State Capitol, Jackson MS

**Professional Organizations**

American Association of Extension Veterinarians 2017-Present

ACVPM Epidemiology Specialty 2017-Present

American College of Veterinary Preventive Medicine 2016-Present

USDA accredited veterinarian 2008-Present

American Veterinary Medical Association 2008-Present

Mississippi Veterinary Medical Association 2008-Present

**Professional Development**

Completed AAVMC Leadership Training 2016

USDA/NIH Grant Writer’s Seminar/Workshop 2016

Completed Frank Communication Modules 2014

**Continuing Education**

International Symposia for Veterinary Epidemiology and Economics 2016, 2018

American Veterinary Medical Association Convention 2015-2019

Mississippi Veterinary Medical Association Summer Meeting 2015-2017

Conference for Research Workers in Animal Diseases 2014-2018

Western Veterinary Conference 2012, 2013

North American Veterinary Conference 2009, 2013