

Mary Rebecca “Becky” Telle, DVM

Curriculum Vitae

Home

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Office

Department of Clinical Sciences
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Current Employment

Assistant Clinical Professor, Ophthalmology August 2019-present
Department of Clinical Sciences
Mississippi State University

Academic Record

Mississippi State University College of Veterinary Medicine (DVM) May 2015
Mississippi State University (B.S. – Animal and Dairy Science) May 2011

Previous Employment

Resident, Comparative Ophthalmology 2016-2019
University of Wisconsin-Madison
Department of Surgical Sciences
School of Veterinary Medicine
Madison, WI

Rotating Intern, Small Animal Medicine and Surgery 2015-2016
University of Tennessee
Small Animal Clinical Sciences
College of Veterinary Medicine
Knoxville, TN

Veterinary Assistant 2010-2015
Alabama Veterinary Specialists and Veterinary Eye Care
Bessemer, AL

Student Worker 2007-2011
Department of Pathobiology and Population Medicine
Mississippi State University College of Veterinary Medicine
Starkville, MS

Veterinary Assistant 2005-2012
Britt Animal Hospital
Vestavia Hills, AL

Licenses

Mississippi State Veterinary Licensing Board 2015-2016, 2019-present
Wisconsin State Veterinary Licensing Board 2016-present

Certifications

Safe Zone Certification	2020
Online Teaching 101: Best Practices in Online Instruction	2020
Certificate for Diversity and Inclusion in Veterinary Medicine	2020
Mental Health First Aid Certification	2019

Memberships in Academic, Professional, and Scholarly Societies

American Veterinary Medical Association	2015-present
Phi Zeta – Omicron Chapter	2013-present
Alpha Psi Veterinary Fraternity	2011-present
Gamma Sigma Delta Honor Society	2011
Phi Kappa Phi Honor Society	2011

Reviewing Responsibilities

Ad Hoc Reviewer, <i>Equine Veterinary Journal</i>	2019-present
Ad Hoc Reviewer, <i>Veterinary Ophthalmology</i>	2018-present

Scholarships and Awards

American College of Veterinary Ophthalmologists “Best” Clinical Research Manuscript Recipient	2018
American College of Veterinary Ophthalmologists Student Award	2015
Mary Ann Long Endowed Scholarship Recipient	2015
Addie Scholarship Recipient	2014
Robert O. Scholarship Recipient	2014
Second Place for Best Presentation, MSU-CVM Research Day	2012

RESEARCH

Grants

Telle MR, Bentley E, Teixeira LBC, McLellan. Development and validation of new methods to visualize aqueous outflow pathways in canine glaucoma. ACVO Vision for Animals Foundation, \$5,000 (2018). (funded)

Publications: Peer Reviewed

Telle MR, McLellan GJ. Cloudy Eye in a Labrador Retriever. *Clinician’s Brief*, July 2019.

Telle MR, Chen N, Shinsako D, Kiland JA, Oikawa K, Moller Trane R, McLellan GJ. Relationship between corneal sensitivity, corneal thickness, corneal diameter, and intraocular pressure in normal cats and cats with congenital glaucoma. *Veterinary Ophthalmology* 2019, 22(1): 4-12.

Telle MR, Hendrix DVH. Cataracts in cats. *Clinician’s Brief*, September 2016.

Telle MR, Betbeze C. Hyphema: Considerations in the small animal patient. *Topics in Companion Animal Medicine*, September 2015, 30(3):107-117.

Publications: Non-Peer Reviewed

Bentley E, **Telle MR**. Feline corneal sequestra. *Clinician’s Brief*, November 2017.

Telle MR. Onchocera lupi. *Clinician’s Brief (Capsule)*, November 2016.

Publications: Abstracts

Nilles JP, **Telle MR**, Snyder KC, Oikawa K, Kiland JA, McLellan GJ. Effect of acute intraocular pressure elevation on the post-trabecular aqueous outflow pathways in dogs. Proceedings from the 50th Annual American College of Veterinary Ophthalmologists meeting. Maui, HI. *Veterinary Ophthalmology*, 2019 (22): G58.

Telle MR, Snyder KC, Oikawa K, Teixeira LBC, Kiland JA, Bentley E, Huang A, McLellan GJ (2018, September) Development and validation of new methods to visualize conventional aqueous outflow pathways in canine glaucoma. Proceedings from the 49th Annual American College of Veterinary Ophthalmologists meeting. Minneapolis, MN. *Veterinary Ophthalmology*, 2019.

Telle MR, Chen N, Shinshako D, Kiland JA, Oikawa K, Trane RM, McLellan GJ (2017, October) Corneal sensitivity and its relationship to IOP and corneal thickness and diameter in glaucomatous and normal cats. Proceedings from the 48th Annual American College of Veterinary Ophthalmologists meeting, Baltimore, MD. *Veterinary Ophthalmology*, 2017.

Publications and Research: In Progress

Tollefson C, Taylor R, Won W, Olivier A, Betbeze C, **Telle MR**. Visualization of Descemet's membrane detachment in dogs using 18 MHz ultrasound probe.

Nilles JP, **Telle MR**, Snyder KC, Oikawa K, Kiland JA, McLellan GJ. Effect of acute intraocular pressure elevation on the post-trabecular aqueous outflow pathways in dogs.

Telle MR, Snyder KC, Oikawa K, Nilles J, Gehrke S, Teixeira LBC, Kiland JA, Huang A, McLellan GJ. Development and validation of new methods to visualize conventional aqueous outflow pathways in canine glaucoma.

SERVICE RESPONSIBILITIES/DUTIES

MSU-CVM and Veterinary Specialty Center: Clinical Responsibilities

Faculty member of ophthalmology service at Mississippi State College of Veterinary Medicine

- Joined as the second clinical ophthalmologist to help provide comparative ophthalmology services for Mississippi State University and Veterinary Specialty Center.
- On clinics, 3-4 students are supervised per rotation. As discussed in other sections, teaching and topic rounds are given during this time.
- Help with oversight of our two full time veterinary technologists and one ophthalmology resident resident.
- Provide timely feedback to referring veterinarians and clients via phone and email. Call rDVMS for all new cases, take calls from rDVMS seeking advice, and update rDVMS about ongoing cases for continued management.
- Provide in-house consultations for other services in the hospital, both in the large and small animal hospitals. This includes examinations for shelter animals and Homeward Bound animals, and we regularly perform exams and surgical procedures on these patients.
- Helped develop a master schedule for members of the ophthalmology team, and assisted in transitioning to a google calendar for the entire ophthalmology team to access to keep up with appointments, meetings, etc.
- Provide emergency back-up to rotating interns and other services.

MSU-CVM: Department/College Committees

Institutional Animal Care and Use Committee (IACUC), *alternate for Dr. Caroline Betbeze*
MSU-CVM Internship Selection Committee, Small Animal Medicine and Surgery, *member*
MSU-CVM Admissions Committee, *member*

2020-2023
2019-present
2019-present

MSU-CVM: Teaching Responsibilities for Phase I

CVM5046 Veterinary Anatomy I

Lectures (2 hours) 2019

Anatomy and Physiology of the Eye and Adnexa

Laboratory (3 hours) 2019

Anatomy of the Eye – assistant to the instructor (Dr. Robert Linford)

CVM5153 Equine Medicine and Surgery I

Lectures (4 hours) 2019

Ophthalmology Basics and Examination

Diseases of the Equine Cornea

Uveitis

Glaucoma, cataracts, and adnexal disease in the horse

Laboratory (6 hours) 2019, coordinator

Ophthalmic examination laboratory

CVM5185 Small Animal Medicine and Surgery

Lectures (2 hours) 2019

The Ophthalmic Examination

Glaucoma in Dogs and Cats

CVM5553 Pharmacology

Lectures (1 hour) 2019

Ocular Therapeutics Part I

CVM Professional Development

Lectures (1 hour) 2020

Veterinary Ophthalmology: Our Journey

*Provided test questions for all lectures

MSU-CVM: Teaching Responsibilities for Phase II

CVM5628 Veterinary Ophthalmology Elective

Lectures (5 hours) 2020

Ocular Manifestations of Systemic Disease

Ocular Imaging: Part I

Ocular Imaging: Part II

Canine and Feline Uveitis

Equine Keratitis

CVM5602 Comparative Endocrinology

Lectures (1 hour) 2019

Ocular Manifestations of Systemic Disease

CVM5004 NAVLE Prep Course

Lectures (2 hours) 2019

Veterinary Ophthalmology Topics for NAVLE

CVM4364 Veterinary Specialty Center

- Teaches veterinary neurology, ophthalmology, and cancer therapy to senior level veterinary students in a busy private practice atmosphere. In the rotation, students learn each discipline, but will also learn how to effectively communicate with clients and staff members and manage time efficiently in a busy

practice setting. Students will rotate and each student will spend 2 weeks on the ophthalmology portion of the service. 3-4 students are on the ophthalmology service for each two week block.

- Require students to present on ophthalmology topic of their choosing and use at least 1 current journal article to prepare presentation. 1-2 hours per 2 week block.
- Require students to successfully complete two common ophthalmic diagnostic tests and answer question about test during rotation (threshold event).
- Conduct fundic examination laboratory for each 2 week block.
- Presented at least 2 of the following rounds topics (1 hour presentation) for each 4 week block:
 - o *Corneal Ulcers*
 - o *Uveitis*
 - o *Glaucoma*
 - o *Ophthalmic Emergencies*

CVM5210 Advanced Clinical Rotation – Comparative Ophthalmology

- Case related discussion and rounds is provided throughout the rotation. As of now, ophthalmology ACR is a 2-6 week, elective clinical rotation for senior veterinary students. Topic rounds are provided to the ophthalmology students while on the rotation. Case-related discussions are provided to students throughout the rotation on a daily basis. Students on the rotation are expected to care for ophthalmology patients, write a paper or client handout and present it to members of the rotation, and take a clinical ophthalmology test at the conclusion of the rotation.
- Veterinary students:
 - o Haley Schreckengost, 2019

MSU-CVM: Graduate Course Teaching

DIS CVM 7000 Principles of Microsugery (2 hour course), 2019

Co-Professor with Dr. Caroline Betbeze

UW-Madison Teaching Responsibilities

Lecturer, Year III. Two one hour lectures (Equine Ophthalmology) – Madison, WI - 2018

Lecturer, Year III. One hour lecture (Large Animal Ophthalmology) – Madison, WI - 2017

Instructor, Year III. Small animal examination and surgery techniques – Madison, WI – 2017-2019

Instructor, Year IV. Equine elective, two hour lab – Madison, WI – 2016-2019

Instructor, Year IV. Training of senior veterinary students in clinical ophthalmology – Madison, WI – 2016-2019

- Instructed students while on clinical rotation during fourth year
- Provided case rounds as well as didactic rounds during each 2 week block

Faculty Advising

Ophthalmology Residency

Dr. Lindsay Seyer (2019-present)

Current position: First year ophthalmology resident, Mississippi State University

- Provide clinical supervision and teaching while on clinic floor
- Participate in weekly rounds (journal club, histopathology rounds, book club)
- Created mock examinations for board preparation

Rotating Interns, Small Animal Medicine and Surgery

One week rotation on Ophthalmology rotation

- Dr. Jasmine McCoy – 2020
- Dr. Lauren Dean – 2019
- Dr. Travis Mills – 2019

Graduate Committee

2019-2022: Master's Committee for Dr. Lindsay Seyer

Major Professor: Dr. Caroline Betbeze

Members: Dr. John Thomason, Dr. Alyssa Sullivant, Dr. Caroline Betbeze

Master's Thesis: "Evaluation of the conjunctival cultures and the conjunctival microbiome before and after surgical preparation in normal dogs"

Clinicopathologic Conference

Courtney Ransom – "Enucleation has one I" – 2019

Teaching and Learning Seminars/Continuing Education

Safe Zone Certification

Mississippi State University, July 2020

Online Teaching 101: Best Practices in Online Instruction

Mississippi State University, May 2020

Certificate for Diversity and Inclusion in Veterinary Medicine

Purdue University College of Veterinary Medicine, May 2020

New Faculty Teaching Academy

Hosted by Center for Teaching and Learning, August 2019

Grisham Room of Mitchell Memorial Library at Mississippi State University

Canvas Training

Hosted in McArthur Hall at Mississippi State University, August 2019

Teaching and Learning Meeting

American College of Veterinary Ophthalmologists Annual Meeting

- Maui, HI – 2019
- Minneapolis, MN – 2018

Scientific Presentations

International

Telle MR, Snyder KC, Oikawa K, Teixeira LBC, Kiland JA, Bentley E, Huang A, McLellan GJ. Development and validation of new methods to visualize conventional aqueous outflow pathways in canine glaucoma. Abstract presentation at the 49th Annual American College of Veterinary Ophthalmologists meeting. Minneapolis, MN (2018).

Telle MR, Chen N, Shinshako D, Kiland JA, Oikawa K, Trane RM, McLellan GJ. Corneal sensitivity and its relationship to IOP and corneal thickness and diameter in glaucomatous and normal cats. Abstract presentation at the 48th Annual American College of Veterinary Ophthalmologists meeting, Baltimore, MD (2017).

National

West Virginia Veterinary Medical Association Annual Winter Meeting - Charleston, WV – January 2019

- o "*Orbital diseases in dogs and cats*" – 1 hour
- o "*Enucleation – it's not as simple as it may seem*" – 1 hour
- o "*Corneal ulcers – why won't they heal?*" - 2 hours

University of Wisconsin-Madison School of Veterinary Medicine – Madison, WI - House Officer Grand Rounds

- "*Hyphema: considerations in the small animal patient*", 2018

University of Tennessee College of Veterinary Medicine – Knoxville, TN - Grand Rounds

- *“Hyphema: considerations in the small animal patient”*, 2015

MSU-CVM

- *“Ocular Emergencies”*
 - o Lecture (2 hours) for Student Veterinary Emergency and Critical Care Club, 2019
- *“Spontaneous chronic corneal epithelial defects (SCEED) in canines”*
 - o CPC presentation, 2015
- *“Evaluation of E. ictalurid in-frame deletion mutants for virulence and vaccine efficacy”*
 - o MSU-CVM Research Day, 2012

Scientific Posters

Telle MR, Snyder KC, Oikawa K, Teixeira LBC, Kiland JA, Bentley E, Huang A, McLellan GJ. Development and validation of new methods to visualize conventional aqueous outflow pathways in canine glaucoma. Phi Zeta Research Day, UW-Madison School of Veterinary Medicine, 2018.

Telle MR, Chen N, Shinshako D, Kiland JA, Oikawa K, Trane RM, McLellan GJ. Corneal sensitivity and its relationship to IOP and corneal thickness and diameter in glaucomatous and normal cats. Phi Zeta Research Day, UW-Madison School of Veterinary Medicine, 2017.

“Evaluation of E. ictalurid in-frame deletion mutants for virulence and vaccine efficacy”. Meriel-NIH National Veterinary Scholar’s Symposium, Fort Collins, CO, August 2012.

Conferences and Workshops Attended

50th Annual ACVO Conference – Kapalua, HI. 2019 (18 hours)

49th Annual ACVO Conference – Minneapolis, MN . 2018 (18 hours)

University of Wisconsin Multiphasic Phacoemulsification Course – Madison, WI – 2016-2019

ACVO William Magrane Basic Science Course in Veterinary and Comparative Ophthalmology – Raleigh, NC, 2018

48th Annual ACVO Conference - Baltimore, MD. 2017(18 hours)

Clinician Scientist Training Workshop - Madison, WI. 2017 (12 hours)

McPherson Eye Research Institute poster workshop – Madison, WI. 2017 (4 hours)

46th Annual ACVO Conference - Coeur d’Alene, ID. 2015 (18 hours)

45th Annual ACVO Conference – Dallas-Fort Worth, TX. 2014 (18 hours)

Invited Panels

Invited Panel Member – Match Day Panel with current interns (MSU-CVM) – 2019

Invited Panel Member – Introduction to veterinary research course (UW-Madison) – 2017-2018

Community Service, Outreach, and Leadership

Provided useful contacts for locum position in the Diagnostic Imaging department – 2020

New Faculty Dinner/Receptions – September, November 2019

Reception/Dinner at Dean’s Home – 2019

- Met with first year veterinary students