

Caroline M. Betbeze, DVM, MS, DACVO

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P.O. Box 6100
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Mississippi State, MS 39762
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Curriculum Vitae

Current Employment

Associate Clinical Professor, Ophthalmology
Department of Clinical Sciences
Mississippi State University

July 2018- present

Academic Record

American College of Veterinary Ophthalmologists, Diplomate ACVO

2006 – present

Purdue University

MS

2006

Mississippi State University

DVM

2002

Mississippi State University

BS

1999

Previous Employment

Assistant Clinical Professor, Ophthalmology
Department of Clinical Sciences
Mississippi State University

2013 - 2017

Veterinary Ophthalmologist- Comparative Ophthalmology
Veterinary Specialty Center of Tucson
4909 N. La Canada Dr.
Tucson, AZ 85704

2007- 2013

Visiting Clinical Instructor, Comparative Ophthalmology
Purdue University
Department of Veterinary Clinical Sciences
School of Veterinary Medicine
West Lafayette, IN

2006 - 2007

Resident, Comparative Ophthalmology
Purdue University

2004 - 2006

Department of Veterinary Clinical Sciences
School of Veterinary Medicine
West Lafayette, IN

Emergency clinician 2003 - 2004
Alabama Veterinary Specialists
Bessemer, AL

Rotating Intern, Small Animal Medicine and Surgery 2002 - 2003
Mississippi State University
Department of Clinical Sciences
College of Veterinary Medicine
Mississippi State, MS

Licenses and Certifications

Licenses

Arizona State Veterinary Medical Examining Board 2007- 2015
Mississippi State Veterinary Licensing Board 2002 – 2007, 2013 -present
Alabama State Veterinary Licensing Board 2003 – 2004, 2019-present

Certifications

American College of Veterinary Ophthalmologists, diplomate 2006 – present
Maintenance of Certification-DACVO (voluntary) 2019-2023
Purdue Certificate for Diversity and Inclusion in Veterinary Medicine 2020
SafeZone Ally 2020
ECFVG training 2019-present

Memberships in Academic, Professional, and Scholarly Societies

American Veterinary Medical Association 2002 - present
American College of Veterinary Ophthalmologists 2006 - present
Phi Zeta- Omicron chapter 2005 - present
Arizona Veterinary Medical Association 2007 - 2012
International Equine Ophthalmology Consortium 2011 - present
Mississippi Veterinary Medical Association 2002 – 2005, 2013-present
Phi Zeta – Omega Chapter 2021- present
International Association of Aquatic Veterinarians 2021-present

Professional Activities/Service/Awards

ACVO Board of Regents
First year regent Oct. 2022- 23
Nominated by peers and elected as regent through simple majority vote
5 year commitment culminates in ACVO presidency

Regions Bank- Division of Agriculture, Forestry, and Veterinary Medicine
(DAFVM) Superior Faculty Service Award 2021

MSU-CVM Dean's Pegasus Award for Service	2020
Host for ABVO practical examination	Feb. 2021
ACVO VSOC (Veterinary Specialty Organizations Committee) Representative for ACVO to AVMA	2020-2022
- Best Practices Subcommittee chair	2021- 2022
ACVO Teaching and Learning Meeting Participant	2017-present
Speaker	2019
Co-chair	2020- present
ABVO Examination Committee Member	Nov 2019 – Aug 2022
ACVO Governance Committee Past- chair	2018 - 2019
Chair	2016 - 2018
Member	2013 -2015
ACVO Genetics Committee Member	2014 - 2018
ACVO Public Relations Committee Member	2010 – 2013
ACVO Annual Conference Moderator- Retinal Disease Session	2018
Moderator- Glaucoma Session	2014
ACVO Annual Student Award Program Participant (Acknowledges most proficient ophthalmology student)	2013-present
AKORN Animal Health Key Opinion Leader Group Member	2016-2020

Reviewing Responsibilities

Academy of Ophthalmic Veterinary Technicians (AVOT) Subject matter expert (exam question review)	2017- 2018
Chapter 39 <i>Ophthalmic Diseases</i> –Large Animal Internal Medicine 6 th edition Consulting Co-Editor	2017-2019

ACVO Resident Manuscript Award Judge- clinical manuscripts 2017

Co-Guest Editor, *Topics in Companion Animal Medicine – Emergency Ophthalmology* vol. 30, number 3 September 2015

Journal Reviewing

Ad hoc Reviewer, Journal of American Veterinary Medical Association 2020-present

Ad hoc Reviewer, Clinical Case Reports 2020-present

Reviewer, *Clinician's Brief* 2020-present
Clinical Monographs

- Feline Eosinophilic Keratitis 2020
- Ocular Discharge in a Golden Retriever 2021

Ad Hoc Reviewer, *Equine Veterinary Journal* 2019 - present

Ad Hoc Reviewer, *Veterinary Record* 2017- present

Ad Hoc Reviewer, *Veterinary Ophthalmology* 2010 - present

Ad Hoc Reviewer, *Journal of Equine Veterinary Science* 2014 – present

Ad Hoc Reviewer, *Journal of Zoo and Wildlife Medicine* 2021- present

Research

Grants

Successful/Submitted

Betbeze C, Peraza J, Thomason J, Archer T, Telle MR, Lathan PA, Langston C, Ross M. "Plasma pharmacokinetics of topical 0.1% diclofenac and 0.5% ketorolac tromethamine in dogs." Internal Grant Program/CRIS award program. Office of Research and Graduate Studies MSU-CVM, \$9760 (2023). (funded) Principal Investigator.

Yates K, Stillwell N, Fontenot R, **Betbeze C**. "In vitro antibacterial efficacy of autologous conditioned plasma and amniotic membrane eye drops." Veterinary Student Research Initiative (VSRI) program. Office of Research and Graduate Studies MSU-CVM, \$1500 (2022). (funded) Principal Investigator.

Minaldi M, Fontenot R, **Betbeze C**, Telle MR. "Effects of topical ropivacaine hydrochloride 0.5% and lidocaine hydrochloride 2% on corneal sensitivity in horses." Vision for Animals Foundation Resident Research Fund, \$1385 (December 2021). (funded) Co-Investigator.

Minaldi M, Fontenot R, **Betbeze C**, Telle MR. “Effects of topical ropivacaine hydrochloride 0.5% and lidocaine hydrochloride 2% on corneal sensitivity in horses.” Office of Research and Graduate Studies House Officer Clinical Research Grant, \$1300 (November 2021). (funded) co-Investigator.

Gonzalez GA, **Betbeze C**, Eddy A, Mochal-King C, Fontenot R. “The effects of subconjunctival ropivacaine, tetracaine, proparacaine, and liposomal bupivacaine on corneal sensitivity in healthy horses.” Office of Research and Graduate Studies House Officer Clinical Research Grant, \$2000 (November 2021). (funded) Co-Investigator.

Gonzalez GA, **Betbeze C**, Eddy A, Mochal-King C, Fontenot R. “The effects of subconjunctival ropivacaine, tetracaine, proparacaine, and liposomal bupivacaine on corneal sensitivity in healthy horses.” American College of Veterinary Surgeons Resident Research Grant, \$8100 (January 2022). (funded) Co-Investigator.

Seyer L, **Betbeze C**. “Description of the conjunctival microbiome of normal dogs and the effects of a preoperative antiseptic protocol.” Office of Research and Graduate Studies House Officer Clinical Research Grant, \$2000 (January 2018). (funded) Principal Investigator.

Jinks M, **Betbeze C**, Fontenot R. “The efficacy and duration of effect on corneal sensitivity of three local anesthetics administered subconjunctivally in clinically normal horses.” Office of Research and Graduate Studies House Officer Clinical Research Grant, \$2000 (January 2017). (funded) Principal Investigator.

Robertson B, **Betbeze C**, Fontenot R. “Presurgical Measurement Techniques for Determining Ocular Prosthesis size in Equine Standing Enucleations”, Veterinary Student Research Initiative Office of Research and Graduate Studies MSU-CVM, \$1500 (2015). (funded) Principal Investigator.

Betbeze C, Stiles J, Wu C. “Comparison of in vitro activities of 1% silver sulfadiazine cream, a compounded 1% silver sulfadiazine suspension, and 5% natamycin ophthalmic suspension on isolates of pathogenic fungi (aspergillus, fusarium, cladosporium and penicillium spp.)” , ACVO Vision for Animals Foundation, \$ 2000 (2004) (funded) Principal Investigator.

Betbeze C, Mackin A, McLaughlin R. “Comparison of 3 techniques (anatomical) for retrobulbar blocks in dogs”, American Animal Hospital Association Foundation, \$750 (2003) (funded) Principal Investigator.

Unsuccessful

Seyer L, **Betbeze C**. “Description of the conjunctival microbiome of normal dogs and the effects of a preoperative antiseptic protocol.” Vision for Animals Foundation Resident Research Fund, \$5000 (December 2019). Principal Investigator.

Jinks M, , Fontenot R, **Betbeze C**. “The efficacy and duration of effect on corneal sensitivity of three local anesthetics administered subconjunctivally in clinically normal horses.” American Quarterhorse Foundation Young Investigator Award, \$4680. Submitted November 2016. Principal Investigator.

Publications

Theses

Seyer LD. Description of non-brachycephalic canine conjunctival microbiome before and after application of an antiseptic preparation. 12/2021.
Major Professor

Book Contributions

VINcyclopedia of Diseases (Online textbook chapters)

Eardley A, **Betbeze C**. Feline Herpesvirus-1 Ocular Infection (Feline). VINcyclopedia of Diseases 2021. (Original author Glaze MB 2011, revised 2016)
<https://www.vin.com/members/cms/project/defaultadv1.aspx?pid=607&id=5110504>

Betbeze, C. Canine Dacryops. VINcyclopedia of Diseases 2021. (Original author Morgan RV 2012, revised Jinks MR, **Betbeze C** 2016)
<https://www.vin.com/members/cms/project/defaultadv1.aspx?pid=607&id=4953128>

Betbeze C. Canine Herpesvirus Ocular Infection (Canine). VINcyclopedia of Diseases 2021. (Original authors Jinks MR and **Betbeze C** 2016).
<https://www.vin.com/members/search4/default.aspx?q=canine%20herpesvirus&srcs=53>

Betbeze C. Dacryocystitis (Canine). VINcyclopedia of Diseases 2021. (Original author Herring, IP 2007, revised by Jinks MR, **Betbeze C** 2016)
<https://www.vin.com/members/cms/project/defaultadv1.aspx?pid=607&id=4953127>

Betbeze C. Dacryocystitis (Feline). VINcyclopedia of Diseases 2021. (Original author Melanie Church, 2017)
<https://www.vin.com/members/cms/project/defaultadv1.aspx?pid=607&id=7775423>
Betbeze CM, Voyles ML. Ocular Neoplasia, Chapter 39 *Ophthalmic Diseases* –In Smith BA, Van Metre DC, Pusterla N Large Animal Internal Medicine (2019) 6th ed Elsevier pp.1308-15.

VIN Associate Chapters (online textbook)

Jinks MR, **Betbeze C** (Original author Herring, IP 2007). Dacryocystitis (canine). VIN Associate 2016 (originally published 3/28/2007).

Jinks MR, **Betbeze C** (original authors). Canine Herpesvirus Ocular Infection. VIN Associate 2016 (12/20/2016 original publication date).

Betbeze C. (Original authors Gray H, Morgan R.) Feline Eosinophilic Keratitis. *VIN Associate* 2016 (originally published 2008).
<http://www.vin.com/Members/Associate/Associate.plx?from-GetDzInfo&DiseaseId=738>.

Betbeze C. (Original author Shell, L.) Feline eyelid agenesis. *VIN Associate* 2016 (originally published 2007).
<http://www.vin.com/Members/Associate/Associate.plx?from-GetDzInfo&DiseaseId=731>.

Jinks MR, **Betbeze C.** (Original author Webb TR.) Canine dacryops. *VIN Associate* 2016 (Originally published 2012).

<http://www.vin.com/Members/Associate/Associate.plx?from=GetDzInfo&DiseaseId=147>

Jinks MR, **Betbeze C.** (Original author Webb TR.) Canine persistent pupillary membranes. *VIN Associate* 2016 (Originally published 2012).

<http://www.vin.com/Members/Associate/Associate.plx?from=GetDzInfo&DiseaseId=5542>

Jinks MR, **Betbeze C.** (Original author Morgan R.) Canine epibulbar melanoma. *VIN Associate* 2016 (Originally published 2007).

<http://www.vin.com/Members/Associate/Associate.plx?from=GetDzInfo&DiseaseId=169>

Jinks MR, **Betbeze C.** (Original author Morgan R.) Feline epibulbar melanoma. *VIN Associate* 2016 (Originally published 2007).

<http://www.vin.com/Members/Associate/Associate.plx?from=GetDzInfo&DiseaseId=2924>

Published Abstracts

Minaldi MP, Fidler LE, **Betbeze CM**, Fontenot RL, Wills RW, Telle MR. Effects of topical ropivacaine hydrochloride 0.5% and lidocaine hydrochloride 2% applied to the healthy equine cornea. *Veterinary Ophthalmology* 2022; 00: 1-22.

Seyer LD, Wills RW, **Betbeze C.** Description of canine conjunctival microbiota and microbiome before and after application of an antiseptic protocol. *Veterinary Ophthalmology* 2021 24 (6) :e44.

Seyer LD, Wills RW, **Betbeze C.** Evaluation of clinical variables and topical anesthesia administration on fluorescein stain tear breakup time test in dogs. *Veterinary Ophthalmology*, 2019 (22): E36.

Seyer LD, Moore D, Solangi M, **Betbeze C.** Clinical Findings in a group of cownose rays (*Rhinoptera bonasus*) and one atlantic stingray (*Hypanus sabina*). *Veterinary Ophthalmology*(, 2019: E36.

Wong P, Sullivant A, Archer T, **Betbeze CM.** Naturally occurring canine herpesvirus-1 infection causing ocular and systemic disease: six cases. *Veterinary Ophthalmology*, 2019: E9-E60.

Betbeze CM, Dray SM, Fontenot RL. Standing Subconjunctival Enucleation with Orbital Prosthesis in 20 Horses. *Veterinary Ophthalmology*, 2019: E9-E60.

Jinks MR, Fontenot RL, Wills R, **Betbeze CM.** The Effects of Subconjunctival Bupivacaine, Lidocaine, and Mepivacaine on Corneal Sensitivity in Healthy Horses. *Veterinary Ophthalmology*, 2017.

Robertson B, **Betbeze C.** Fontenot R, Wills R. Correlation of Orbital Measurements to Globe Size for Presurgical Determination of Orbital Prosthesis Size in Horses. *Veterinary Ophthalmology*, 2016.

Betbeze CM, Wu CC, Stiles J, Krohne SG. In vitro Fungicidal and Fungistatic Activities of Silver Sulfadiazine and Natamycin on Pathogenic Fungi Isolated from Horses with Keratomycosis. *Veterinary Ophthalmology*, 2005.

Mouser P, Owston MA, Coster ME, Ramos-Vera J, **Betbeze C**. Ocular Manifestation of Disseminated Histiocytic Sarcoma in a Dog. *Veterinary Ophthalmology*, 2007.

Journal Contributions

***Corresponding author**

Gonzalez, GA, **Betbeze C**, Wills, R, Eddy, A, Mochal-King, C, Fontenot, RL. Effects of subconjunctival ropivacaine, liposomal bupivacaine, and mepivacaine on corneal sensitivity in healthy horses. *Veterinary Surgery*. 2023; 1- 9. doi:[10.1111/vsu.13980](https://doi.org/10.1111/vsu.13980)

Yates, KM, Stilwell, NK, Fontenot, RL, **Betbeze CM***. In vitro antibacterial efficacy of autologous conditioned plasma and amniotic membrane eye drops. *Vet Ophthalmol*. 2023; 00: 1- 7. doi:[10.1111/vop.13120](https://doi.org/10.1111/vop.13120)

Seyer LD, Wills RW, Scott EM, **Betbeze C***. Description of non-brachycephalic canine conjunctival microbiome before and after application of an antiseptic preparation. *Veterinary Ophthalmology* 2022 25(4):297-306.

Stewart R, Telle MR, Lack A, Ellis J, **Betbeze C*** Dorsally placed commercially available subpalpebral lavage systems have low complication rates in horses. *Journal of the American Veterinary Medical Association* 2022. 260(9):1057-1062. .

Telle MR*, **Betbeze C**. Corneal Surgery in the Cat: Diseases, Considerations, and Techniques. *Journal of Feline Medicine and Surgery*. DOI: 10.1177/1098612X211061049

Seyer LD, Wills R, **Betbeze C.* (2021)** Investigation of fluorescein stain-based tear film breakup time test reliability in dogs in a clinical setting. *Am J Vet Res* 82(12): 1019-1025.

Betbeze, C. M.*, Villers, M. R., Telle, M. R., & Grissett, G. P. (2021) Surgical Correction of cicatricial Entropion in cattle: Two cases. *Clinical Case Reports* 9(3): 1299-1303.

Betbeze C*. Nuclear sclerosis. Plumb's Pro. <https://app.plumbs.com/dx-tx/50fGBIxV52CnYInDoBA3dz>. July 2021.

Betbeze, C. M.*, Dray, S. M., & Fontenot, R. L. (2021). Subconjunctival enucleation with orbital implant placement in standing horses: 20 cases (2014–2017). *Journal of the American Veterinary Medical Association*, 258(6), 661-667.

Moody L, **Betbeze CM***. Procedures Pro- Corneal and Conjunctival Cytology. *Clinician's Brief* April 2018.

Jinks MJ, Fontenot RL, Wills R, **Betbeze CM***. The effects of subconjunctival bupivacaine, lidocaine, and mepivacaine on corneal sensitivity in healthy horses. *Veterinary Ophthalmology* 21 (5). Sep 2018. 498-506.

Young WM, **Betbeze CM***, Fisher C, Boulay J. Enucleation or exenteration in two dogs with previous parotid duct transposition: parotid duct ligation versus reverse parotid duct transposition. *Veterinary Ophthalmology*. 21 (4). Jul 2018. 413-418.

Telle MR, **Betbeze CM***. Hyphema: Considerations in the Small Animal Patient. *Topics in Companion Animal Medicine*, 30(3) Sep 2015: 97-106.

Betbeze CM*. Management of Orbital Diseases. *Topics in Companion Animal Medicine*, 30(3) Sep 2015:107-117 .

Tofflemire K, **Betbeze C***. Three Cases of Ocular Feline Coccidioidomycosis: presentation, clinical feature, diagnosis, and treatment. *Veterinary Ophthalmology*, May 2010 13(3).

Betbeze CM*, Stiles J, Krohne SG. Assessment of Contamination of Three Multidose Ophthalmic Solutions. *Veterinary Ophthalmology*, 2007 Mar-Apr 10 (2).

Betbeze CM*, Wu CC, Stiles J. In vitro Fungicidal and Fungistatic Activities of Silver Sulfadiazine and Natamycin on Pathogenic Fungi Isolated from Horses with Keratomycosis. *American Journal of Veterinary Research*. 2006 Oct 67 (10).

Betbeze C*, McLaughlin R. Canine Diskospondylitis: Its Etiology, Diagnosis, and Treatment. *Veterinary Medicine*, Sept 2002 97 (9).

Dose Titration Study of D929 for the management of reduced tear production and dry eye in dogs. Collaboration with CEVA Animal Health. One of 5 sites for clinical trial for drug approval. Commenced October 2017; completed November 2018.

Ongoing Research/Publications

Footte B*, Seyer LD, Martinelli L, **Betbeze C**, Newkirk K, Terio K, Zhu X, Johnson JG, Durrett J, Buckner C, Barrett C, Sheldon JD. Normal and Pathologic ocular findings in aquarium-housed cownose rays (*Rhinoptera bonasus*). Submitted *J Zoo and Wildlife Medicine* Jan. 2023.

Minaldi MP, Fidler LE, **Betbeze CM**, Fontenot RL, Wills RW, Telle MR. Effects of topical ropivacaine hydrochloride 0.5% and lidocaine hydrochloride 2% applied to the healthy equine cornea. Submitted *Veterinary Ophthalmology* Feb. 2023.

Peraza J, Thomason J, Archer T, Telle MR, Lathan PA, Langston C, Ross M, **Betbeze C***. "Plasma pharmacokinetics of topical 0.1% diclofenac and 0.5% ketorolac tromethamine in dogs." Ongoing.

Kirk L, **Betbeze C**, Abrams K, Telle MR*. Abrams modification of the Morgan pocket technique for repair of prolapsed gland of the nictitating membrane (AMMP). In preparation.

Wong P, Sullivant A, Archer T, **Betbeze CM***. Naturally occurring canine herpesvirus-1 infection causing ocular and systemic disease: six cases. In preparation for *JAVMA*

Fava, JM, Jack S, Samuelson D, Ballweber L, **Betbeze CM**, Colitz C. Evaluation of Head and Eye Position to Establish Normal Intraocular Pressure Using Rebound Tonometry in the Captive California Sea Lion (*Zalophus Californianus*). In preparation.

Clinical Trials

Dose Titration Study of D929 for the management of reduced tear production and dry eye in dogs. Collaboration with CEVA Animal Health. One of 5 sites for clinical trial for drug approval. Commenced October 2017; completed November 2018.

Service Responsibilities/Duties

Mississippi State University

Service chief, ophthalmology

2013- present

Founding faculty member of ophthalmology service at Mississippi State University College of Veterinary Medicine. Single clinical ophthalmologist on staff responsible for providing comparative ophthalmology services for Mississippi State University and Veterinary Specialty Center (an affiliate of Mississippi State University) until August 2019. Current ophthalmology service: 2 ophthalmologists, 2 technologists, and 2 ophthalmology residents.

Clinic

- Primary and supervisory care for clinical ophthalmologic cases (all species) presenting to the hospital
- Consultations for other services
- Primary and supervisory emergency duty for ophthalmic cases,
- Coordinator for education of house officers,
- Performing and supervising ophthalmic procedures and surgeries
- Communicating with referring veterinarians and clients
- Providing phone/text consultations for practicing veterinarians
- Keeping medical records accurate and up to date
- Facilitated the addition of an “ophthalmology-preferred” exam room at MSU-CVM when renovations of current exam rooms were being conducted

Equipment

- Facilitated purchase and responsible for care of all equipment and tools needed to establish and maintain successful ophthalmology practice. Development and institution of all ophthalmology protocols at MSU-CVM and its affiliate, Veterinary Specialty Center. Keep procedure/surgery charges up to date and equipment in working order. Development and monitoring of cleaning protocols.

2021

Facilitated purchase of:

All equipment needed for consulting business at AERC; Flowood, MS (full clinical practice set up)

Quantel Medical ABSolu A/B/S/UBM ultrasound

Accutome B-scan ultrasound (VSC)

Ocuscience HMS- ERG

Phacoemulsification handpieces (2 new)

Council of Education visit (2021):
Primary presenter for ophthalmology department
Development of posters/presentation-ophthalmology department
2018-19

- 2 SL-17 slit lamp biomicroscopes
- Tonovet tonometer
- MLT/ARC Fox Laser Diode 810 nm (collaboration with equine surgery)
- New surgical instruments for second ophthalmologist, Dr. Telle

Service chief duties consist of:

- Direct supervision of 2 full time veterinary technologists, 2 ophthalmology residents, and up to 4 veterinary students per rotation
- Coordinator of ophthalmology services with ancillary and other primary services in the teaching hospital
- Coordinator of emergency duty and clinic coverage schedules for 2 ophthalmologists and 2 ophthalmology residents
- Conduct service meetings and attend service chief meetings monthly
- Communicate needs of service with administration
- Act as mentor to resident and new faculty member

Faculty Responsibilities, Mississippi State University 2013- present

Ophthalmology Residency Program

2019-present

Corresponding Supervising Diplomate

Developed and gained approval for ophthalmology residency program at MSU-CVM. Three year ophthalmology training program has been developed and approved for two residents at MSU-CVM. Training includes coordination of journal club, book club, pathology rounds, mock tests/training, surgical training. Developed advertising materials for residency and participated in search. Supervisor of case management, research projects, master's program, clinical duties, and student teaching. Responsible for resident schedule and submission of all forms to ABVO.

Residents:

Lindsay Seyer

2019-2022

Michael Minaldi

2021- present

Jacqueline Peraza

2022-present

Ophthalmology Internship Program

2014-2019

Supervisor

Founded ophthalmology internship program in addition to other duties. Developed requirements, advertised and conducted a search for candidates and had over 20 applicants each year, conducted interviews of candidates, and provided a training program for a second year intern in ophthalmology.

Training included case management, journal club, book club, pathology rounds, supervision of research projects and clinical duties, and supervision of student teaching. Served in an advisory

role to the intern in the search for residencies by editing curriculum vitae, letter of intent, and providing reference letters for the intern.

Department/College Committees

Ophthalmology faculty search committee, Head	2023-present
Small Animal Internal Medicine faculty search committee, Member	2023-present
Dean's Search committee, <i>Member</i>	2022-present
Sea Turtle Health Steering Committee, <i>Member</i>	2022-present
Anesthesia faculty search committee, <i>Member</i>	2021-2022
IACUC committee, <i>Member</i>	2019-present
MSU-CVM Digital Measures Task Force, <i>Member</i>	2020-present
Diversity and Inclusion committee, <i>Member</i>	2018 - present

- Assisted in development of climate survey
- Responsible for monthly D and I CVM educational emails (2019-2020)

Non-tenure track promotion committee, <i>Member</i>	2018-present
MSU-CVM Strategic planning committee, Outreach	2015 - present
Scholarship committee, <i>Member</i>	2017-2019
Hugh G. Ward Endowed Chair Search Committee, <i>Member</i>	2017
OR Supervisor interview committee, <i>Member</i>	2016
MSU-CVM exam room task force, <i>Member</i>	2016
MSU-CVM Fitness challenge, <i>Team Leader</i>	2015 - 2016
Admissions committee, Interviewer for veterinary students	2014 - present
Ophthalmology faculty member search committee, <i>Head</i>	2014 - 2018
ICU charges task force committee, <i>Member</i>	2014
CVS faculty member search committee, <i>Member</i>	2013

Teaching Responsibilities

***Professor of Record**

Various lectures/labs at the CVM

Cold-Stunned Turtle rounds "Ocular Disease of Cold-Stunned Turtles"	2021
Rotating Intern Ophthalmology Exam laboratory/lecture	2016 - present
Community Veterinary Services Clinicians Ophthalmology Exam laboratory	2016
Neurology Resident Rounds "Pharmacologic testing for neurologic issues with ophthalmic manifestations"	2015
Morbidity and Mortality Rounds. <i>"Here's looking at you, Boo."</i> Meyer, R, Gambino, J, Betbeze, C	2014

Undergraduate

CVM1001 Seminars in Veterinary Medicine

Lecture (1 hour) 2013-present:

Keratoconjunctivitis sicca (dry eye) in dogs

BCH 4623 Specialized Tissues

Lectures (1-2 hours) 2015 – 2018:
Physiology of the Eye and Vision

Veterinary Technology Program

CVM 3041 Equine Technical Skills

Laboratory (4 hours) 2019 - present

Phase I

CVM 5021 Professional Development I 2020

Lecture- Career Paths- Ophthalmology with Dr. Becky Telle

CVM 5013 Neuroscience

Lectures (5 hours) 2018 - present:
The Visual System, Causes of Blindness, Ocular Manifestations of Neurologic Disease

Lectures (2 hours) 2017
The Visual System

CVM 5046 Veterinary Anatomy I

Lectures (2 hours) 2014 -18
Anatomy and Physiology of the Eye and Adnexa

Laboratory 2015 - 21
Anatomy of the Eye- assistant to the instructor (Dr. Linford)

CVM 5153 Equine Medicine and Surgery I

Laboratory (3-6 hours) 2015-20, 2022

Equine Eye Examination

CVM5185 Small Animal Medicine and Surgery
Mississippi State University College of Veterinary Medicine

Lectures (5 hours) 2019-present
Eyelid diseases
Corneal Diseases
The Lens
Tear film diseases
Uveal Diseases (includes uveitis) *new for 2019*

laboratory as part of the physical exam lab for ophthalmic examination (2h) 2022

Lectures (7 hours) 2017-18

The Ophthalmic Examination Part 1
The Ophthalmic Examination Part 2- includes fundic exam
Eyelid Diseases (new in 2015)
Corneal Diseases
The Lens
Tear Film Diseases
Glaucoma (new in 2017)

Lectures (6 hours) 2014-16

The Ophthalmic Examination Part 1
The Ophthalmic Examination Part 2
Fun with the Fundic Examination
Corneal Diseases
The Lens
Tear Film Diseases

Lectures (6 hours) 2013

Anatomy and Physiology of the Eye Part 1
Anatomy and Physiology of the Eye Part 2
The Ophthalmic Examination Part 1
The Ophthalmic Examination Part 2
The Conjunctiva
Ophthalmology Case Presentations

provided test questions for all lectures

CVM 5553 Pharmacology

Mississippi State University College of Veterinary Medicine

(1 hour) 2019

Ocular Therapeutics Part 2

Lectures (2 hours) 2015-18, 2020-present

Ocular Therapeutics Part 1 and 2

provided test questions and study guide

CVM 5021 Professional Development 2 2020

Lecture (1hour) Becoming an Ophthalmologist

Phase II

CVM 5316 Specialty Medicine Rotation 2023- present

Co-Course Director (2023-present)

Course Description:

This rotation started in 2023-2024 during a change to the phase II curriculum. It was developed to teach veterinary dermatology, ophthalmology, and oncology to fourth year veterinary students (2 weeks per block). Dr. Betbeze was instrumental in development of the rotation, syllabus, and Standard Operating Procedures for the rotation and met with curriculum committee several times. Three-four students are on the ophthalmology service for each two week block. They are required to participate in case management, perform exam skills (direct observation of clinical skills), and present on ophthalmology topic using at least 1 current journal article to prepare presentation.

Topic rounds (6 hours for ophthalmology shared between house officers and faculty) 2023-present

Corneal Ulcers

Cataracts

Uveitis

Orbital diseases

Ophthalmic ER

Ophthalmology Case Presentations

Glaucoma

CVM 5292 Animal Emergency and Referral

2021-present

- Teach 2 students per block while consulting

CVM 5892 Marine Life Medicine (2 h)

2021-present

Ophthalmic Diseases of Marine Animals

CVM5802 Practical Clinical Oncology

Lecture (2 hours)

2013- present

Intraocular Tumors of Dogs and Cats

Periocular Tumors of Dogs and Cats

CVM5814 The Feline Patient

Lectures (5 hours)

2013 - present

Update on Feline Ocular Disease

A Little More about Cats and Their Eyes

***CVM5210 Advanced Clinical Rotation- Comparative Ophthalmology**

2013 - present

2-6 week rotations with intensive ophthalmology focus. Most rotations included special work with students on topics that were not normally presented in the Veterinary Specialty Center rotation.

Exotic species ophthalmology lab □

Surgical laboratories €
 Extra case/advanced equipment work £
 Trip to assist with ophthalmic surgeries on sea lions in Gulfport β
 Ophthalmic research§

Veterinary Students:

Joseph Breland £	2013
Susannah Mays £	2013
Jenny Sowell £	2013
Caroline Aparicio £	2013
Greg Levine £	2013
Steven Davison £ €	2014
Brooklynn LaFoon £	2014
Sheila Connolly £	2014
Kathy Young £	2014
Lee Anne Shumate £	2014
Danielle Barnes £	2015
Becky Telle £ € §	2015
Julianna Frum £	2017
Matthew Garrett □ £	2019
Haleigh Shreckengost § £	2019
Jeremy Long β € £	2020
Katie Cresap White € £	2021
Chris Degain £	2022
Jonathan McCarthy £	2022
Krista Lane € £	2023
Kelsey Yates § £	2023
Rebecca Roberson € £	2023
Kristina Schultz € £	2023
Sydney Harter € £	2023

***CVM5364 Veterinary Specialty Center**

2014 - 2023

Co-Course Director (2016-2023)

Course Description:

This rotation started in 2014-2015 school year. It was developed to teach veterinary neurology and ophthalmology to senior level veterinary students in a busy private practice atmosphere. Dr. Betbeze was instrumental in development of the rotation and gaining approval from the curriculum committee. In the clinical rotation, students learn each discipline for 2 weeks, but will also learn how to effectively communicate with clients and staff members and manage time efficiently in a busy practice setting. 3-4 students are on the ophthalmology service for each two week block. They are required to participate in case management, perform exam skills, and present on ophthalmology topic using at least 1 current journal article to prepare presentation.

Topic round (4 hours) for each 4 week block (2015-19); (2 hours) 2020-2021; (1 hour) 2022-present

Corneal Ulcers
Cataracts
Uveitis
Enucleation techniques
Orbital diseases
Conjunctiva
Ophthalmology Case Presentations
Glaucoma

CVM5246 Community Veterinary Services

2013 - 2014

CVS Topic Rounds
Presented lectures for each 6 week student rotation (2 hours)
Both of the following topics were presented:
Ophthalmic examination
Fundic examination

CVM5380 Small Animal Internal Medicine

2013 - 2022

Mississippi State University College of Veterinary Medicine

Internal Medicine Topic Rounds
Presented topics for each 6 week student rotation (1-2 hours)
One of the following topics was presented:
Ophthalmology case presentations
Corneal ulcers
Cataracts
Ophthalmic examination
Fundic examination
Ocular Manifestations of Systemic Disease

CVM5602 Comparative Endocrinology

2013-2018

Mississippi State University College of Veterinary Medicine

Lecture (1.5 hours)
Ocular Manifestations of Systemic Disease

CVM5004 NAVLE Prep Course

2013 - 2019

Mississippi State University College of Veterinary Medicine

Lecture (2 hours)
Veterinary Ophthalmology topics for NAVLE
**Provided extra study sessions for those that did not pass on first examination 2017*

***CVM5682 Veterinary Ophthalmology**

2013 - 2022

Mississippi State University College of Veterinary Medicine

2013 - 2022

A 2 week intensive veterinary ophthalmology elective course is provided for senior level veterinary students. This class has a limit of 12-15 participants and is lecture and laboratory

based. The majority of lecturing is performed by the course coordinator and all laboratories are primarily taught by course coordinator. Class schedule, preparation for labs, and lectures are prepared by the course coordinator. It is currently is offered once during each school year.

2020: This class was converted to online content and was taught completely online due to COVID 19 regulations. It was lecture, video and case discussion based. 31 students.

Topics and lectures presented by course coordinator:

*** course material is updated yearly**

Case reviews- interactive sessions (2016-present)	4 hours
Diseases of the Tear Film and Nasolacrimal Disease (2013-present)	1 hour
Fundic Examination (2013-present)	1 hour
Diseases of the Conjunctiva (2013-present)	1 hour
Diseases of the Lens (2013-present)	1 hour
Corneal Ulcers and Diseases of the Cornea (2013-present)	1.5 hours
Diseases of Eyelid and Adnexa (2013-present)	1 hour
Ocular Manifestations of Systemic Disease (2013-2019)	1 hour
Orbital Diseases (2013-present)	1 hour
Canine and Feline Uveitis (2013-2019)	2 hours
Ophthalmic Emergencies (2013-present)	1 hour
Basic Ophthalmic Surgeries (2013-present)	1.5 hours
Enucleation techniques (2013-present)	1 hour
Retinal and Optic Nerve Diseases (2013-present)	1 hour
Ophthalmic Oncology (2013-present)	1 hour
Glaucoma in Dogs and Cats (2013-present)	1 hour
Equine Recurrent Uveitis (2015 – present)	1 hour
Ophthalmic Emergencies (2015- present)	1 hour
Eyelid Diseases (2015- present)	1 hour
Ophthalmic Pharmacy (2015- present)	1.5 hours
Case Presentations (2015 – present)	3 hours
The Equine Eye exam (2016-present)	1 hour
Equine nerve blocks and SPL placement (2016- present)	1 hour
Ophthalmic cytology (2017- present)	1 hour
Ocular Histopathology (2018- present)	1 hour
Pocket Pet Ophthalmology (2018 - present)	1 hour
Feline Corneal Diseases (2019 - present)	1 hour

Laboratories presented by course coordinator:

Ophthalmic examination laboratory- small animal (4 hours) 2013 -16

- Students were broken into 3-4 students per group and performed eye examinations on dogs and cats. The course coordinator demonstrated the examination techniques on an animal and the students performed the lab on their own pets.
- This lab was discontinued after VSC rotation began

Ophthalmic surgery laboratory (4 hours) 2013 -19, 2021-22

- A 1 hour demonstration of procedures was performed before the laboratory.
- For COVID 19 online course- reviewed surgical videos

- The laboratory consists of student performing the following procedures/surgeries on cadavers with assistance by course coordinator:
 - Wedge resection
 - Hotz-celsus entropion repair
 - Enucleation (subconjunctival and transpalpebral)
 - Temporary tarsorrhaphy
 - Third eyelid flap
 - Morgan pocket technique

Equine ophthalmic exam, SPL placement, nerve blocks (3 hours) 2016- 19, 2021
(Dr. Brashier/Lack and Betbeze)

- Cadaver and live animal
- Practice exam techniques, tonometry, fluorescein staining, SPL placement, auriculopalpebral, supraorbital, lacrimal, zygomatic, infratrochlear, and retrobulbar nerve blocks, ocular ultrasound on horses

- For COVID 19 online course- reviewed videos of all procedures

Ophthalmic cytology laboratory (2 hours) 2017-19, 2021-22

- Presented clinical case with clinical photographs and provided slides that highlighted the utility of cytology in ophthalmic disease

- Examined slides with the students at multiheaded scope

Ophthalmic ultrasonography laboratory (2 hours) 2019, 2021
Dr. Betbeze, Telle, and Brinkman

- Students performed ocular ultrasound with two different ultrasound machines on healthy dogs with assistance from two experienced ocular ultrasonographers

Lectures/Laboratories presented by guest speakers:

Anesthesia for the ophthalmic patient (Dr. Andrew Claude 2013-16)	1 hour
Neuro-ophthalmology (Dr. Michaela Beasley 2013-present)	2 hours
Ocular Histopathology (Dr. Jim Cooley 2013- 2017)	1.5 hours
Ocular Histopathology Laboratory (Dr. Alicia Olivier 2018-2019)	2 hours
Ophthalmic Diagnostic Imaging (Dr. Erin Brinkman 2013-19)	2 hours
Ophthalmic Diagnostic Imaging (Dr. Becky Telle 2021)	1.5 hours
Uveitis in Dogs and Cats (Dr. Becky Telle 2021)	1 hour
Ophthalmic Manifestations of Systemic Disease (Dr. Becky Telle 2021)	1 hour
Ophthalmology for Exotic Pets/Reptiles (Dr. Jeb Cade 2015- present)	2 hours
Equine Standing Enucleation (Dr. Robin Fontenot 2015- present)	1 hour
The Ehrlichias (Dr. John Thomason 2016- present)	1 hour
The Dimorphic Fungi (Dr. John Thomason 2016- present)	1 hour

CVM 5840 Directed Individual Study Veterinary Student Research Initiative (June 2015, April 2022)

Kelsey Yates (2022). 4 week class with shared responsibilities for Dr. Betbeze and Fontenot.

- Assisted veterinary student to write a grant for the project
- Successfully obtained internal grant for VSRI - \$1500.00
- Assisted in performing research
- Assisted student with development of a poster presentation for MSU-CVM Research Day and ACVO conference
- Assisted in writing a paper for a scientific journal for her research project

Brooke Robertson (2016) 4 week class with shared responsibilities for Dr. Betbeze and Fontenot.

- Assisted veterinary student to write a grant for the project
- Successfully obtained internal grant for VSRI - \$1500.00
- Assisted in performing research
- Assisted student with development of a poster presentation for MSU-CVM Research Day
- Assisted in writing a paper for a scientific journal for her research project

Graduate Courses

***DIS CVM 7000 Ocular Histopathology 1 h course**

Co-Professor with Dr. Alicia Olivier

***DIS CVM 7000 Principles of Microsurgery 2 h course**

Co-Professor with Dr. Becky Telle

***CVM 8000 Thesis Research 1 h course**

***CVM 8081 Clinical Sciences Journal Review**

***CVM8990 Special Topics in CVM- Veterinary Ophthalmology and Teaching Veterinary Ophthalmology (2020, 2023)**

CVM 8071 Small Animal Internal Medicine

Mississippi State University College of Veterinary Medicine

Lecture 2014: Ocular Manifestations of Internal Medicine Diseases 2 hours

Faculty Advising

Veterinary Medical Research Scholars Program (2023)

Student: Sarah Rubelowsky

Funding: Department of Clinical Sciences, (National Fish and Wildlife Foundation (NFWF) grant, and Office of Research and Graduate Studies (ORGS) ~ \$10,000 (funded)

Co-Mentor with Dr. Natalie Stilwell

Projects:

1. DNA sequencing of fibropapilloma found in Kemp's Ridley Sea Turtles in the Mississippi sound.

2. Tonometry in Cold-stunned Kemp's Ridley Sea Turtles with and without topical anesthesia.

Ophthalmology Club (2020-present)

- Co-faculty advisor for student club organized by students interested in ophthalmology (2020-2023)
- Sole Faculty advisor (2023- present)
- Provide guidance, teaching, and supervise wet labs and lectures/guest speakers

Ophthalmology Intern

- Supervised case management, surgical and medical treatments/procedures, client and referring veterinary communications by a second year specialty intern
- Provide weekly journal clubs, book reading, and monthly pathology rounds

2014-2015: Dr. Whitney Young

Current position: veterinary ophthalmologist, Upstate Veterinary Specialists, Asheville, North Carolina

2015-2016: Dr. Kaitlyn Walsh

Current position: small animal veterinarian, North Carolina

2016-2017: Dr. Maggie Jinks

Current position: Third year ophthalmology resident, The Ohio State University

2017-2018: Dr. Po Wong

Current position: First year ophthalmology resident, Eye Care for Animals Portland, OR

2018-2019: Dr. Lindsay Seyer

Current position: First year ophthalmology resident, Mississippi State University

July 2022- Feb. 23 Dr. Laura Kirk (60% ophthalmology/40% oncology)

- Participated in development of ophthalmology/oncology internship to fulfill need for oncology intern in the AHC
- Mentored intern in clinical practice, research, and pursuit of residency position

Graduate committees

2022-2025 Master's committee: Dr. Jacqueline Peraza

Major Professor: Dr. Caroline Betbeze

Members: Dr. John Thomason, Dr. Patty Lathan, Dr. Becky Telle, Dr. Todd Archer

Master's thesis: Plasma pharmacokinetics of topical 0.1% diclofenac and 0.5% ketorolac tromethamine in dogs.

2021-2024 Master's committee: Dr. Gabriel Gonzalez

Committee member

Master's thesis: "The effects of subconjunctival ropivacaine, tetracaine, proparacaine, and liposomal bupivacaine on corneal sensitivity in healthy horses."

2021-2024 Master's committee: Dr. Michael Minaldi

Major Professor: Dr. Caroline Betbeze

Members: Dr. Becky Telle, Dr. John Thomason, Dr. Robin Fontenot

Master's Thesis: Effects of topical ropivacaine hydrochloride 0.5% and lidocaine hydrochloride 2% applied to the healthy equine cornea

2018-2021 Master's committee: Dr. Lindsay Seyer

Major Professor: Dr. Caroline Betbeze

Members: Dr. Alyssa Sullivant, Dr. John Thomason, Dr. Becky Telle

Master's Thesis: Seyer, Lindsay. *Description of the conjunctival microbiome of normal non-brachycephalic dogs and the effects of antiseptic preparation*. Mississippi State University, 2021.

2014: PhD committee: Dr. Johanna Meijia-Fava

PhD Dissertation: "The use of tonometry as a diagnostic tool to evaluate intraocular pressures in normal and abnormal California sea lion eyes"

Faculty Mentorship Program (First year students)

2023: Trisha Bowes, Katie Bunkley, Faith Henderson, Sarah Prather, Karalee Simmons, Montana Wright

2022: Haley Ferguson, Caitlin Hogeland, Morgan Potter, Matthew Tennin, Nicole Wester

2021: Angela Feasel, Annalee Parker, Brooke Dominello, Elizabeth Kyle-Label, Ashleigh Nicaise

2020: Lucie Henein, Janna Turner, Morgan Tarnalicki

2019: Emily Vowell, Nicole Zimmerman

2018: Mary Douglas Kirby
Also have informally mentored Morgan Currin

2017: Katie Sanford, Jacob Adkins, Pat Aujcharypirom

CVM 5301 Clinicopathologic Conference

Mississippi State University

Jenny Sowell- "*Lens luxation in the Feline*" - 2013

Kendra Jennette- "*Diabetic Cataracts in the Dog*" - 2013

Lisa Durso- *"Feline Corneal Sequestrum"* – 2013
Ashlee Oliver- *"Corneal Endothelial Degeneration"* – 2013
Caroline Aparicio- *"Equine Recurrent Uveitis- Cyclosporine Implant"* -2014
Jenni Turner- *"Equine Fungal Keratitis"* – 2014
Tyler Scott - *"Equine squamous cell carcinoma- PDT therapy"* -2014
Joyce Follows- *"Feline Mast Cell Tumors"*- 2015
Courtney Law- *"Equine Standing Transpalpebral Enucleation"* -2015
Andrew Nelson – *"Feline Diffuse Iris Melanoma"* – 2015
Becky Telle - *"Superficial Chronic Corneal Epithelial Defects"* - 2015
Justin Strief- *"Canine Primary Glaucoma"* – 2015
Jennie Kleinberger- *"Non-healing, superficial corneal ulcers in the equine patient"* -2015
Anna Griffin- *"Corneal perforation in the Dog"* -2015
Jennifer Flowers- *"Nictitating Membrane Hemangiosarcoma in the Dog"*- 2015
Brooke Robertson- *"Descemetocoele and Conjunctival Graft in the Horse"* - 2016
Jodi Richardson – *"Hypertensive Retinopathy in the Cat"* -2016
Lauren Belser – *"Distichia and Ectopic Cilia in the Dog"* – 2016
Colleen Sheridan – *"Corneal Sequestrum in the Cat"* – 2016
Brittany Szafran – *"Corneal Sequestrum in the Cat"* – 2016-17
Courtney Hunter – *"Equine Recurrent Uveitis and Cyclosporine Implant"* – 2017
Julianna Frum – *"Conjunctivitis in Goats"* – 2017
Kathryn DeLeon- *"Corneal Perforation in a Dog"*- 2017
Gordon Bijoviet- *"Conjunctival Graft in a Horse"*- 2017
Leah Moody- *"Ocular Blastomycosis"*- 2017
Samantha Storey- *"Primary Lens Luxation in a Dog"*- 2017-18
Tiffany Bowers- *"Ocular Dermoids in a Dog"*- 2017-18
Jon David Johnson- *"Hypertensive Retinopathy in a Cat"* – 2017-18
Megan Pratt- *"Ocular Squamous Cell Carcinoma in a Horse"* – 2017-18
Meghan Villers- *"Entropion in the Bull"*- 2018-19
Kelly McCormick- *"Cataracts in Dogs"*- 2018-19
Katie Bibb (Garrett) – *"Equine Recurrent Uveitis"* 2019-20
Haleigh Schreckengost- *"Keratoconjunctivitis Sicca"* 2019 -20
Jaime Rutter- *"Canine Primary Glaucoma"* 2019 – 20
Sarah Phillips- *"Equine Ocular Hemangiosarcoma"* 2020-2021
Nancy Davis- *"Equine Ocular Squamous Cell Carcinoma"* 2020-2021
Claire Foster- *"Equine non-healing corneal ulcer"* 2022-2023
Megan DeLorenzo *"Primary Lens luxation in the dog"* 2022-2023

I have also informally mentored students with an interest in pursuing veterinary ophthalmology as a career path:

Brooklyn Lafoon- 2014
Andrew Nelson- 2015
Becky Telle- 2015

Faculty Advisor:

Brooke Robertson- 2015-2016
Julianna Frum- 2016-2017
Leah Moody – 2017-2018
Ashley Stephens – 2019-2020
Kelsey Yates – 2022-23

Lucie Henein – 2023-24

Letters of Reference

2015

Brooke Robertson
Colleen Sheridan
Jess Wagner
Kaitlyn Walsh
Mary Rebecca Telle

2016

Kristen Kyle
Maggie Jinks
Colleen Sheridan
Mary Crowe
Brooke Robertson

2017

Colleen Sheridan
Po Wong
Leah Moody

2018

Po Wong
Leah Moody
Elizabeth Gregory

2019

Jessica Meekins, DACVO- tenure track faculty positions
Bianca Martins, DACVO – Extramural reference letter for faculty position at UC Davis
Ryan Taylor- ophthalmic pathology fellowship

2020

Kara Majors
Sarah Shane, ACVAA board examination

2021

Ally Eardley

2022

Dr. Laura Kirk

Teaching and Learning Seminars/Continuing Education

ACVO Annual Teaching and Learning Meeting (1.5 h)- organizer and attendee

2022

Workplace wellbeing certificate: AVMA (asynchronous)	2022
Fostering holistic learning through veterinary education and training (1 h)	2021
Why do most diversity trainings fail? Dr. Nicole Robinson (1.5 h)	September 2020
Diversity Matters Symposium Virtual (hosted by Auburn University) (6 h)	August 2020
Allyship and Action Virtual Roundtable (1.5 h)	July 2020
“Fostering LGBTQ2S+ Inclusion in Online Learning” webinar session (2 h)	June 2020
Implicit Bias: What it is and what we can do about it (1 h)	Sept. 2020
Managing Anxiety and Depression for LGBTQ Populations During COVID-19 (1.5h)	Sept. 2020

Information Technology Services

Quizzing in Canvas (1 h)
 Canvas Gradebook (1 h)
 Rubrics in Canvas (1 h)
 Canvas File Storage Best Practices (1 h)

Information Security Training (online module)	April 2020
Information Security Training (online module)	November 2021

Online Teaching 101: Best Practices	May 2020
4 week online class (asynchronous)	
Certificate	

Teaching Portfolio Workshop	May 2022
3 week online course (asynchronous)	
Badge of completion	

- Course self-examination was used as example for other classes

MSU Center for Teaching and Learning

Roundtable Discussion (1.5 h)	
“Evaluating Teaching for Promotion and Distinction”	September 2019

ACVO Annual Teaching and Learning Meeting (1.5 h)

Kapalua, HI	November 2019
*Presenter	
Baltimore, MD	October 2017

Consulting

Magnolia Classic Annual Dog Show, Jackson, MS	2021
OFA-CAER Exams	
Animal Emergency and Referral Center. Flowood, MS	
Outpatient receiving ophthalmology patients monthly	2021-present

Purdue University CVM ophthalmology department
Locum (2-4 weeks) 2019- present

Institute for Marine Mammal Studies, Gulfport, MS 2018- present

- Multiple visits in order to examine and treat (medically and surgically) ocular diseases of captive marine mammals and marine animals that were rescued from the Gulf of Mexico
- Episcleral cyclosporine implants (4 sea lions) 2019
- Enucleation (sea lion) 2022
- Episcleral cyclosporine implants (3 sea lions) 2022
-
- Conference calls with navy veterinarians regarding marine mammals (dolphins) housed at the IMMS facility
- Consults with Dr. Debra Moore via email, text, and in person about marine animal ocular care
- Visited with representatives for Senator Roger Wicker Neal McMillan and Alexis Rudd regarding IMMS
- Examined 3 sea turtles at CVM and met with Senate representatives
- Examined two groups of cold stunned sea turtles at IMMS (17 turtles, 25 turtles (with students) 2021

Mobile Kennel Club Annual Dog Show, Gulfport, MS/Mobile, AL 2018- present
OFA CAER (Companion Animal Eye Registry) Exams

Cavalier King Charles Spaniel Club of Southern Arizona Tucson, AZ
Canine Eye Registry Foundation (CERF) exams (annually) 2010 – 2012

Cavalier King Charles Spaniel Club of Central Arizona Phoenix, AZ
CERF exams (biannually) 2009 – 2013

Whippet Health Foundation Tucson, AZ
CERF exams April 2010

Boykin Spaniel Society of Indiana Indianapolis, IN
CERF exams May 2007

Indianapolis Winter Classic Dog Show Indianapolis, IN
CERF exams February 2007

Janssen Veterinary Clinic Sheridan, IN
Monthly equine ophthalmology consulting 2006 – 2007

Continuing Education

Scientific Lectures Presented

National

Abstracts

Yates K, Stillwell N, Fontenot R, **Betbeze C**. "In vitro antibacterial efficacy of autologous conditioned plasma ad amniotic membrane eye drops." Poster presentation. 53rd annual ACVO Scientific Conference Palm Springs, CA 2022.

Minaldi MP, Fidler LE, **Betbeze CM**, Fontenot RL, Wills RW, Telle MR. Effects of topical ropivacaine hydrochloride 0.5% and lidocaine hydrochloride 2% applied to the healthy equine cornea. Abstract presentation, 53rd annual ACVO Scientific Conference Palm Springs, CA 2022.

Seyer LD, Wills RW, **Betbeze C***. Description of canine conjunctival microbiota and microbiome before and after application of an antiseptic protocol. Poster presentation. 52nd annual ACVO Scientific Conference Indianapolis, IN 2021.

Seyer LD, Moore D, Barrett C, Solangi M, **Betbeze C**. Ulcerative keratopathy in 11 captive cownose rays (*Rhinoptera bonasus*). Poster presentation. International Association of Aquatic Animal Medicine Annual Conference, virtual 2021.

Betbeze C*. Working Backwards: Teaching ophthalmology in an outcomes-based curriculum. Abstract presentation at 3rd annual ACVO teaching and learning meeting, 50th annual ACVO Scientific Conference Kapalua, HI 2019.

Seyer LD, Wills RW, **Betbeze C***. Evaluation of clinical variables and topical anesthesia administration on fluorescein stain tear breakup time test in dogs. Abstract presentation, 50th annual ACVO Scientific Conference Kapalua, HI 2019

Seyer LD, Moore D, Solangi M, **Betbeze C**. Clinical Findings in a group of cownose rays (*Rhinoptera bonasus*) and one atlantic stingray (*Hypanus sabina*). Abstract presentation, 50th annual ACVO Scientific Conference Kapalua, HI 2019

Wong P, Sullivant A, Archer T, **Betbeze CM**. Naturally occurring canine herpesvirus-1 infection causing ocular and systemic disease: six cases. Abstract presentation, 49th annual ACVO annual meeting, Minneapolis, MN, 2018.

Betbeze CM*, Wills RW, Dray SM, Fontenot RL. Standing Subconjunctival Enucleation with Orbital Prosthesis in 20 Horses. Abstract presentation, ACVO annual meeting, Minneapolis, MN, 2018.

Jinks MR, Fontenot RL, Wills R, **Betbeze CM**. The Effects of Subconjunctival Bupivacaine, Lidocaine, and Mepivacaine on Corneal Sensitivity in Healthy Horses. Abstract presentation, ACVO annual meeting, Baltimore, MD 2017.

Robertson B, Fontenot R, Wills R, **Betbeze C***. Correlation of Orbital Measurements to Globe Size for Presurgical Determination of Orbital Prosthesis Size in Horses. Poster presentation, ACVO annual meeting, Monterey, CA 2016.

Betbeze CM*, Wu CC, Stiles J, Krohne SG. In vitro Fungicidal and Fungistatic Activities of Silver Sulfadiazine and Natamycin on Pathogenic Fungi Isolated from Horses with Keratomycosis. Abstract presentation, ACVO Residents' Forum, Nashville, TN 2005.

Mouser P, Owston MA, Coster ME, Ramos-Vera J, **Betbeze C**. Ocular Manifestation of Disseminated Histiocytic Sarcoma in a Dog. Abstract presentation, ACVO annual meeting, Kona, HI 2007.

Lectures

Restoring Brilliance- Update on Dry Eye Disease. Western Veterinary Conference, 2021, 2022.

Feline Corneal Disease- We've got you Covered! Western Veterinary Conference, 2021

Breaking Barriers Part I: Canine Uveitis Western Veterinary Conference, 2021, 2022

Breaking Barriers Part II: Feline Uveitis Western Veterinary Conference, 2021, 2022

You Seem Detached...A Look into Feline Systemic Hypertension Western Veterinary Conference, 2021, 2022

There is Power in your Pocket- let's harness it! Western Veterinary Conference, 2021, 2022

Uveodermatologic Syndrome. Association of Veterinary Ophthalmic Technicians' Annual Meeting (virtual), 2020.

Enucleation: It ain't as easy as it seems. ACVO General Practitioners' Course. Forth Worth, TX, 2014.

Beyond the eyeball: Diseases of the orbit. ACVO General Practitioners' Course. Forth Worth, TX, 2014.

Phacoemulsification. Association of Veterinary Ophthalmic Technicians' Annual Meeting. San Diego, CA, 2010.

Ocular Coccidioidomycosis in Cats. Southeast Veterinary Ophthalmic Society Annual Meeting, Sarasota, FL, 2009.

Intraocular Tumors of Dogs and Cats. Central Veterinary Conference Kansas City, MO, 2007.

Ocular Manifestations of Fungal Disease. Central Veterinary Conference, Kansas City, MO 2007.

Managing Canine Corneal Ulcers. Central Veterinary Conference, Kansas City, MO 2007.

Update on Canine Glaucoma. Central Veterinary Conference, Kansas City, MO 2007.

Ophthalmic Pharmacology. Central Veterinary Conference, Kansas City, MO 2007.

Immune-mediated Ocular Diseases. Central Veterinary Conference, Kansas City, MO 2007.

Laboratories

Specialty Focus: Ophthalmologic Exam Techniques. Central Veterinary Conference, Kansas City, MO 2007. (2 hours)

Ophthalmic Surgery Laboratory. Central Veterinary Conference, Kansas City, MO 2007. (4 hours)

State and Regional

You Seem Detached...A Look into Feline Systemic Hypertension. Animal Medical Center, New York, NY. Intern Rounds. October 2022.

Restoring Brilliance- Update on Dry Eye Disease. Invited and sponsored speaker-Louisiana State University College of Veterinary Medicine. Sept. 2022

You Seem Detached...A Look into Feline Systemic Hypertension. New York City VMA October 2022.

Restoring Brilliance- Update on Dry Eye Disease. New York City VMA. October 2022

Restoring Brilliance- Update on Dry Eye Disease. Purdue Fall Conference. September 2022.

Enucleation: It ain't as easy as it seems. Purdue Fall Conference. September 2022

You Seem Detached...A Look into Feline Systemic Hypertension. Purdue Fall Conference. September 2022

Ocular Manifestations of Systemic Hypertension – 1 hour- Arkansas Veterinary Medical Association Meeting Feb. 2021 (virtual)

Corneal ulcers- why won't they heal?- 1.5 hour- Arkansas Veterinary Medical Association Meeting Feb. 2021 (virtual)

Recent advances in dry eye disease- 1.5 hour- Arkansas Veterinary Medical Association Meeting Feb. 2021 (virtual)

Update on Dry Eye Disease - 1.5 hours, Ralph Lee's Great Smokies Conference Nov. 2020 Asheville NC

The Fundic Examination: A Whole New World -1.5 hours Ralph Lee's Great Smokies Conference Nov. 2020 Asheville, NC

Feline Corneal Diseases-1 hour_Ralph Lee's Great Smokies Conference Nov. 2020 Asheville, NC.

Ophthalmic Emergencies-1.5 hour Ralph Lee's Great Smokies Conference Nov. 2020 Asheville, NC

Equine recurrent uveitis updates- 1 hour, MVMA Annual Winter Meeting, Starkville, MS, February 2020

Useful ophthalmic techniques and procedures for equine practitioner-1 hour, MVMA Annual Winter Meeting, Starkville, MS, February 2020

Equine keratitis- 2 hours, MVMA Annual Winter Meeting, Starkville, MS, February 2020

Update on Dry Eye Disease - 1.5 hours, MVMA Annual Summer Meeting Orange Beach, AL, July 2019

Corneal Ulcers- Why won't they heal? - 2 hours, Emerald Coast Veterinary Conference Destin, FL, June 2019

The Fundic Examination: A Whole New World -2 hours Emerald Coast Veterinary Conference Destin, FL, June 2019

Enucleation: New techniques and pain management -1 hour Emerald Coast Veterinary Conference Destin, FL, June 2019

Feline Corneal Diseases-1 hour_Animal Emergency and Referral Center Biannual Conference. Flowood, MS, October 2018.

Ophthalmic cytology- 1 hour, Animal Emergency and Referral Center Biannual Conference. Flowood, MS, May 2018.

Corneal Ulcers- Why won't they heal?- 2 hours, MVMA Annual Winter Meeting Starkville, MS February 2018

Pocket Pet Ophthalmology- 1 hour, MVMA Annual Winter Meeting Starkville, MS February 2018

Your Ophthalmic Pharmacy- 1 hour, MVMA Annual Winter Meeting Starkville, MS February 2018

Non-healing Corneal Ulcers- 1 hour, Animal Emergency and Referral Center Biannual Conference. Flowood, MS, October 2016.

The Ophthalmic Examination- 1 hour, First Flight Veterinary Conference, Kitty Hawk, NC, May 2015.

Fun with the Fundic Examination- 1 hour, First Flight Veterinary Conference, Kitty Hawk, NC, May 2015

Your Ophthalmic Pharmacy- 1 hour, First Flight Veterinary Conference, Kitty Hawk, NC, May 2015.

Ocular Manifestations of Systemic Disease-1 hour, First Flight Veterinary Conference, Kitty Hawk, NC, May 2015.

Update on Feline Ocular Disease- 1 hour, First Flight Veterinary Conference, Kitty Hawk, NC, May 2015.

Management of Canine Corneal Ulcers- 1 hour, First Flight Veterinary Conference, Kitty Hawk, NC, May 2015.

Management of Canine Orbital Disease- 1 hour, First Flight Veterinary Conference, Kitty Hawk, NC, May 2015.

Enucleation: Recent advances in techniques and pain management- 1 hour, First Flight Veterinary Conference, Kitty Hawk, NC, May 2015.

It's not just cut and freeze: updates on therapy for periocular neoplasia in horses- 1 hour, MVMA Winter Meeting, Starkville, MS, February 2015

Roundtable discussion on difficult skin and periocular tumors in horses, 1 hour, MVMA Winter Meeting, Starkville, MS, February 2015.

Ocular Emergencies in Small Animals, 1 hour, Arizona Veterinary Diving Group, San Pedro, Belize August, 2013.

The Equine Ophthalmic Examination, 1 hour, Mississippi Veterinary Medical Association Summer Meeting, Orange Beach, AL, July 2013.

Equine Corneal Diseases, 1 hour, Mississippi Veterinary Medical Association Summer Meeting, Orange Beach, AL, July 2013.

Equine Recurrent Uveitis, 1 hour, Mississippi Veterinary Medical Association Summer Meeting, Orange Beach, AL, July 2013.

Equine Ocular and Periocular Neoplasia, 1 hour, Mississippi Veterinary Medical Association Summer Meeting, Orange Beach, AL, July 2013.

Various Ophthalmic Diagnostics and Techniques, 1 hour, Lunch and learn meeting for Southern Arizona Banfield veterinarians. Tucson, AZ, Sept 2012.

Ocular Neoplasia, 2 hours, Southern Arizona veterinary diving group, Negros Oriental, Philippines, August 2012.

Update on Superficial Chronic Corneal Epithelial Defects (SCCEDs), 1 hour, Southern Arizona veterinary diving group, Negros Oriental, Philippines, August 2012.

Update on Feline Ocular Diseases, 2 hours, Humane Society of Southern Arizona CE Series, Tucson, AZ, October 2011.

Ocular Manifestations of Systemic Disease, 1 hour, Southern Arizona veterinary diving group, Phuket, Thailand, April 2011.

Ocular Coccidioidomycosis, 1 hour, Southern Arizona veterinary diving group, Phuket, Thailand, April 2011.

The Equine Ophthalmic Examination, 1 hour, Arizona Veterinary Medical Association Annual Meeting, Sedona AZ, August 2011.

Equine Corneal Diseases, 1 hour, Arizona Veterinary Medical Association Annual Meeting, Sedona, AZ, August 2011.

Equine Recurrent Uveitis, 1 hour, Arizona Veterinary Medical Association Annual Meeting, Sedona, AZ, August 2011.

Equine Ocular and Periocular Neoplasia, 1 hour, Arizona Veterinary Medical Association Annual Meeting, Sedona, AZ, August 2011.

Various Ophthalmic Techniques, Diagnostics, and Surgeries, 3 hours, Veterinary Specialty Center of Tucson Lunch and Learn Series, 2010.

Ophthalmic Emergencies, 2 hours, Veterinary Specialty Center of Tucson Technician Education Series, Tucson, AZ, 2009.

Corneal Ulcers in Small Animals, 1 hour, Veterinary Specialty Center of Tucson Lunch and Learn Series, Tucson, AZ, 2009.

Glaucoma in Dogs and Cats, 1 hour, Veterinary Specialty Center of Tucson Lunch and Learn Series, Tucson, AZ, 2008.

Ocular Manifestations of Systemic Disease, 2 hours AZVMA Winter Specialists Meeting, Tucson, AZ 2008.

Management of Canine Corneal Ulcers. Northwest Indiana Veterinary Medical Association Conference, 2007.

Update on Canine Glaucoma. Northwest Indiana Veterinary Medical Association Conference, 2007.

Feline Herpesvirus. West Central Veterinary Medical Association Meeting, 2006.

Laboratories

Placing subpalpebral lavage systems and performing periorbital nerve blocks and local chemotherapy in the standing horse. MVMA Winter meeting, Starkville, MS, February 2015. (1 hour)

MSU-CVM

Eye examination of cats (laboratory). AAFP and Ophthalmology club	2022
Eyelid surgery and emergencies. Emergency and Critical Care Club	2022
Ophthalmology of Sea Turtles. WEEZAM, WAVMA, Ophthalmology club	2022-present
Cold stunned turtle rounds- Eyes	2021
Ophthalmology of Marine Mammals-WEEZAM, Ophtho Club, Aquatic vet club	2021-22
“Ophthalmic ER” – Small animal interns	2021

“Ophthalmic Emergencies”- Small animal interns September 2020

“Ophthalmology- How did I get here?”- MSU Pre-Vet Club September 2019

“Performing the Ophthalmic Exam”- Small animal interns 2015-2019

NAVLE general ophthalmology review. September 2015

Meyer, Betbeze, Gambino Morbidity and Mortality Rounds “Here’s Looking at you, Boo!” May 2014

“Ophthalmic Surgery Laboratory” Surgery Club. 2015

“Ophthalmic Surgery; Enucleation.” Surgery Club. 2014, 2015

“Ophthalmic Surgery; Instruments, Preparation, planning.” Surgery Club. 2014

“Ophthalmic Emergencies” Emergency and Critical Care Club 2014

Community

Community Pet Lecture Series

Veterinary Specialty Center of Tucson

“Dry Eye and Glaucoma in Dogs” 2011

“Cataracts and Cataract Surgery for Dogs” 2011

Equine Ocular Disease. County Line Riders of Catalina 2012

Posters (MSU-CVM)

Yates K, Stilwell N, Fontenot R, **Betbeze C**. In vitro antibacterial efficacy of autologous conditioned plasma and aminiotic membrane eye drops. MSU-CVM Research Day, Mississippi State University, 2022.

Seyer LD, Wills RW, **Betbeze C***. Description of canine conjunctival microbiota and microbiome before and after application of an antiseptic protocol. MSU-CVM Research Day, Mississippi State University, 2022 .

Robertson BA, **Betbeze, CM**, Fontenot, RL, Wills, R. Presurgical Measuring Techniques for Determination of Orbital Prosthesis Size in Equine Standing Enucleations. MSU-CVM Research Day, Mississippi State University, 2015.

Betbeze CM, Wu CC, Stiles J, Krohne SG. In vitro Fungicidal and Fungistatic Activities of Silver Sulfadiazine and Natamycin on Pathogenic Fungi Isolated from Horses with Keratomycosis. Phi Zeta Research Day, Purdue University, 2005.

Conferences Attended

Veterinary Ophthalmic Surgery Meeting Chicago IL 2022.(11 hours)

ACVO Annual Meeting. Palm Springs, CA, 2022. (18.75 hours)

Western Veterinary Conference. Las Vegas, NV, 2022. (10 hours)

IAAAM annual conference (virtual) 2021. (3.3 h)

Ocuscience Ophthalmic Imaging and ERG in Animals. Virtual, 2021. (13 hours)

ACVO Annual Meeting, Indianapolis, IN, 2021. (18 hours)

ACVO Annual Meeting. Kapalua, HI, 2019. **(18 hours)**

Veterinary Ophthalmic Surgery Meeting. Chicago, IL **(11 hours)**

Phacoemulsification lecture (3 hours)

Anesthesia for ophthalmologic patients (1.5 hours)

ACVO Annual Meeting. Minneapolis, MN, 2018. (16 hours).

ACVO Annual Meeting. Baltimore, MD, 2017. (18 hours).

ACVO Annual Meeting. Monterey, CA, 2016 (18 hours).

ACVO Annual Meeting. Coeur D'Alene, ID, 2015 (18 hours).

ACVO Annual Meeting, Fort Worth, TX, 2014 (18 hours)

ACVO Annual Meeting, San Juan, Puerto Rico, 2013 (20 hours)

Advanced Ophthalmic Photography Course (8 Hours)

ACVO Annual Meeting, Portland, OR, 2012 (20 hours)

Advanced Corneal Surgery Lecture and Wet Lab, Portland, OR (8 hours), 2012

ACVO Annual Meeting, Hilton Head, SC, 2011 (20 hours)

Western Veterinary Conference – ophthalmology (6 hours), Las Vegas, NV, 2011

ACVO Annual Meeting, San Diego, CA, 2010 (15 hours)

Genetics Update (2 hours), San Diego, CA, 2010

ACVO Annual Meeting, Boston, MA, 2009 (20 hours)

Endolaser lecture (4 hours), Boston, MA, 2009

Southeast Veterinary Ophthalmology Society Annual Meeting, Sarasota, FL, 2009 (8 hours)

ACVO Annual Meeting, Chicago, IL, 2008 (20 hours)

ACVO Annual Meeting, Kona, HI, 2007 (15 hours)

ACVO William Magrane Basic Science Course in Veterinary and Comparative Ophthalmology, Madison, WI, 2006

Three week intensive course to provide residents, diplomates, and vision scientists with a high quality instruction in the basic sciences as a foundation for the study and practice of veterinary and comparative ophthalmology

ACVO Annual Meeting, San Antonio, TX, 2006 (20 hours)

ACVO Annual Meeting, Nashville, TN, 2005 (20 hours)

ACVO Annual Meeting, Washington DC, 2004 (15 hours)

ACVO Annual Meeting, Coeur D' Alene, ID, 2003 (20 hours)

ACVO Annual Meeting, Denver, CO, 2002 (15 hours)

Community Service and Outreach

CVM Admissions zoom parties (prior to interviews)	2020- 2022
CVM admissions pizza parties (prior to interviews)	2017-2019, 2023
CVM Prospective student video- interview with Kelsey Yates	2021
Vet Chat	
- Video preparation and organization	
- Vet chat session with veterinary interested children	2021

Shadowing

Taylor Tinsley	2021
Shelby Cherry (veterinary school candidate)	2022
Mattie Graham (college junior)	2023
Elsie Betbeze (15 year old)	2023
Kelsey Willeford (15 year old)	2023

New Faculty Dinner/Receptions

Attended with Dr. Telle September, November 2019

Reception/Dinner at Dean's Home

Met with 1st year veterinary students 2017-present

Reception attendee representing MSU-CVM 2013- 2014

Attended receptions in Tuscaloosa, AL and Memphis, TN meeting with referring veterinarians and local donors and clients of the MSU Animal Health Center and Veterinary Specialty Center.

4H Symposium 2013

Presented material regarding vision and the differences between human and animal vision as a portion of this symposium for 12-18 year old 4H members at the MSU-CVM.

Vet Camp 2013 – present

Conducted a laboratory (as part of bandaging, teeth care, and ophthalmology lab) for 13-15 year old campers at MSU-CVM, teaching about eyes, ocular health, and examination techniques.

- Created new lab focused on canine, equine, and anatomy 2022

Service Dog Eye Examination Program

Participant 2013 – 2019, 2022

Mississippi State University College of Veterinary Medicine. Examined both dogs and horses.

Participant 2008 – 2012

Initiated this national program at **Veterinary Specialty Center of Tucson.** ACVO program that provides complimentary eye exams for service dogs are given annually during pet health month (approximately 45 exams per year for military, border patrol, guide dogs, etc.)

Press Communication

Print Media

Ruhoff, Hannah. "These sea turtles were stunned by New England's cold water. They'll rehab in South Mississippi." Sun Herald, Dec. 21, 2021.

"VSC Ophthalmology Accomplishes Vision of Providing Outstanding Teaching and Excellent Care." Pegasus Press, Spring and Summer 2021; p. 6-9.

"VSC ophthalmology team sets sights on saving Blue's vision." Pegasus Press, Spring and Summer 2021; p. 8-9.

"Gifts to CARE fund benefit CVM faculty and students, pets and their owners." "HMS Electroretinogram" Pegasus Press, Fall and Winter 2020; p. 24.

"Live long the turtles...with the help of MSU-CVM" Pegasus Press, Fall and Winter 2020; p. 34.

"IMMS earns impressive distinction, provides CVM students invaluable learning experience." Pegasus Press, Fall and Winter 2020; p.36.

"2020 All College Day Awards: Dean's Pegasus Award for Service." Pegasus Press, Fall and Winter 2020; p. 41. Thurlow, Melanie. "All Eyes on Reggie" Pegasus Press, Spring/Summer 2019.

"VSC Ophthalmologist Participates in National Service Animal Eye Exam Event" Pegasus Press, Spring/Summer 2019.

Collins-Smith, Susan. "Education, research, and outreach in the MSU College of Veterinary Medicine" Mississippi Landmarks vol 11, no 3 October 2015.

Templeton, K. "MSU-CVM Pioneers Equine Surgical Method." The Clarion Ledger. July 2015.

"Southern Specialty: Mississippi State's specialty center shares advanced equipment with human medical practice," *JAVMA*, 245 (3), Aug 1 2014 pp.257-261.

“MSU Veterinary College provides free eye exams to service animals,” Starkville Daily News, April 2014

Pape, S “New Hardship Fund Benefits Animal Health Center Patients” Pegasus Press, Fall 2013.

Sorocco, E “The Eyes Have It,” Cat Fancy, November 2013.

“Animal Health Center patients benefit from new hardship fund,” The Dispatch (Columbus, MS newspaper), September 2013.

Nalley, S “Mississippi State vet now offers free eye exams for service dogs”, Starkville Daily News. May 9, 2013.

Van Ormer, B. “Betbeze is the newest ophthalmology faculty member”, Pegasus Press. Spring 2013 pp. 10-12.

“Free eye exams to be offered to Service Animals in May”, Veterinary Practice News. April 9, 2013.

Susan Downs Parrish, Ph.D. “It’s in Her Kiss”, The Centerline: newsletter of the American Dressage Association. February 2012.

Betbeze, C “Cats and Dogs can suffer from Cataracts, Too!” Arizona Daily Star Horizons Resource Guide – Fall 2008. November 6, 2008.

Vinyard, V “Free Vision Screening Offered for Service Dogs” Arizona Daily Star. May 6, 2008.

Gargulinski, R “Free Eye Exams Offered for Service Dogs this Week” Tucson Citizen. May 12, 2008.

“Moving Up: Roy, Betbeze Offer New Vet Specialties.” Arizona Daily Star. October 22, 2007.

Online Media

Louisiana State University CVM facebook/Instagram page September 2022; photo and description of speaking visit for the ophthalmology club.

Reposts of news story from 2/10/2021 on Cold Stunned sea turtles

AVMA Animal Health SmartBrief Feb. 11, 2021. “Endangered Sea Turtles get eye exams”

www.dacvo.org/members-news1/2021/2/16/dr-caroline-betbeze-examines-eye-of-rare-kemps-ridley-sea-turtles

<https://www.facebook.com/ACVOVeterinaryOphthalmologists/photos/a.2166447620127497/3398617840243796/> VSC Website Video testimonials

“Scooter Graham”

“Elvis Pearce”

Participated in video about consulting at IMMS prepared by Tom Thompson for Senator Roger Wicker’s staff members and MSU faculty/staff

Photos of Dr. Lindsay Seyer and me posted to Facebook by Mississippi State University
September 27

“MSU, Institute for Marine Mammal Studies receive 1.25 million to study spillway impacts on sea turtles and dolphins”

<http://www.msstate.edu/newsroom/article/2019/09/msu-institutue-marine-mammal-studies-receives-125-million-study-spillway>

“All Better”

<http://www.msstate.edu/state-spotlight/2019/09/all-better>

“Endangered sea turtle has hook removal and eye exam” Mississippi State College of Veterinary Medicine Facebook, Instagram September 20, 2019 126 shares, 604 likes, 48 comments

Templeton, K. “MSU-CVM Pioneers Equine Surgical Method.” www.MSUcares.com. July 2015.

“Vet school offers animal eye exams” www.wtva.com April 9, 2013.

“Free service dog eye exams” www.veterinarypracticenews.com April 9, 2013

“ACVO National Service Dog Eye Exam Initiative” www.azstarnet.com May 6, 2009

“Local Tucson Hospital Helps Service Dogs to receive the gift of preserved sight at no charge.” dBusinessNews. April 8, 2008.

Broadcast Media

WXXV 25 (Gulfport, MS) “Cold-stunned turtle arrive on the coast” Dec. 21, 2021. 2 minute segment on cold-stunned sea turtles and MSU involvement.

<https://www.wxxv25.com/cold-stunned-turtles-arrive-on-the-coast/Feb.10,2021>.

WXXV-TV (Gulfport, MS) “Endangered sea turtles get eye exams” Feb. 10, 2021.

WCBI- TV (Columbus, MS) “Endangered sea turtles get eye exams” Feb. 10, 2021. Farm and Family Radio “Veterinary Ophthalmology.” May 2014.

WCBI news Columbus, MS. “MSU vets give back to therapy horses” April 30, 2013. 2 minute

segment on evening news program.

Bill Buckmaster KVOI 1030 AM "Tucson's Voice". July 18, 2012. 10 minute live segment on veterinary ophthalmology.

Heather Rowe KOLD news 13. "Animal defenders: National service dog eye exam week" May 16, 2008. 3 minute segment on evening news program.

Rob Lee KMSB Fox 11 Forum. "Eye problems in pets" May 11 2008. 30 minute interview for morning news program.

Pam White KUAT TV Arizona Illustrated. "Animal Assistance: service dog eye exams" May 5, 2008. 5-6 minute segment on evening PBS news program.

Randy Aronson Radio Pet Vet with Dr. Randy KJILL AM 1330. January 9, 2008. 30 minute segment on call-in radio program about veterinary medicine.

Humane Society of Southern Arizona (Tucson, AZ)

Board Member	2008 – 2012
Development committee: member	2008 - 2011
Medical committee: Chair	2010 - 2012
Executive committee: Secretary	2011 – 2012
Finance and Investment committee: Member	2012
Puttin' on the Dog – Fashion show model	2010

The Fin Foundation

Volunteer	2009 – 2012
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Marine life and ocean conservation education program (grade K – 12). Volunteer at several local AZ events and in classrooms.

Cavalier King Charles Spaniel Club of Southern Arizona

"Hereditary Ocular Diseases in Cavalier King Charles Spaniels"	2011
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Prepared handout for club meeting

Leukemia and Lymphoma Society

Team in Training participant	2009
Team in Training participant and mentor	2010

Participated in two half marathons to fundraise (raised over \$5000) for leukemia and lymphoma research.

St. Joseph Catholic Church, Starkville, MS	
Member	2013- present
Lector/Eucharistic Minister	2018- present

DVM Scholarships and Awards

Gentle Doctor Award

2002

- Chosen by peers as veterinary class member that they would most likely want to treat their own animals

Salisbury Scholarship for Academic Externships MSU-CVM

2001

Allen H. Hart/IDEXX Scholarship for Clinical Pathology MSU- CVM

2001-2002

Clarice C. Jackson Scholarship for Academics and Leadership MSU-CVM 2000-2001

Phi Zeta Honor Society Research Abstract Competition- 2nd place MSU-CVM 1999

Veterinary Specialty Center of Tucson (VSCOT) 2007-2013

Work Responsibilities

Founding ophthalmologist of ophthalmology practice at a multi-specialty practice in Tucson, AZ that had not had this specialty in the past. Educated a team of 9 technicians in the surgery department to assist with ophthalmology procedures, services, and surgeries and facilitated purchase of equipment and tools needed to run a successful ophthalmology practice. Responsibilities included seeing clinical cases, educating general rotating interns and staff, emergency on-call duty for ophthalmologic cases, performing ophthalmic procedures and surgeries, and communicating with clients and referring veterinarians.

Additional work-related activities

Veterinary Voice (VSCOT), Editor

2008-2011

Responsibilities included collecting articles from other specialists in the practice, authoring articles, and editing all articles for content and length. These updates were faxed monthly to all referring veterinarians in Tucson and posted on the website to give updates on topics in veterinary specialty medicine to referring veterinarians.

Contributions (1 page articles)

Canine diabetic cataracts
Traumatic proptosis
Phacoemulsification for cataracts
Feline Proliferative Keratitis
Ivermectin toxicity
Collie Eye Anomaly
Famciclovir use in feline herpes
Feline diffuse iris melanoma
Sulfa drug toxicities
Canine eyelid tumors

SCCEDs

Internship (VSCOT) Program Duties

Intern Mentor:	
Kyle Tofflemire	2009 - 2010
Kay Dennis	2011 – 2012
Internship Selection Committee Member	2010 – 2011
Lectures	
“Canine Glaucoma”	2009 – 2012
“Managing Canine Corneal Ulcers”	2009 - 2012
Ophthalmology Rotation Instructor	2008 - 2012

Faculty and Resident Responsibilities, Purdue University 2004 – 2007

Clinical Duties 2006-2007

Part of a three-faculty member clinical service group responsible for providing Comparative Ophthalmology services for Purdue Veterinary Teaching Hospital. On-clinic responsibilities consisted of supervision of a first year resident and 3-4 senior veterinary students during each rotation, with final case responsibility for the cases admitted through the service.

Veterinary Student Teaching (Clinical)

Joint supervision of comparative ophthalmology rotation for a 1 year appointment. This is a year-round, 2.5 week, elective rotation for senior veterinary students (1-4 students per block). One hour rounds topic discussions and case-related discussions provided to students throughout the rotation on a daily basis.

Rounds Topics:
Cataracts
Glaucoma
Orbital Diseases
Uveitis
Corneal Ulcers

Resident Mentor:	
Martin Coster	2006 – 2007

VM 540 Grand Rounds (Applications and Integrations)

“Ocular Manifestations of Blastomycosis”	2006
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“Feline Chorioretinitis”	2007
VCS 515 Introduction to Ophthalmology Substitute instructor for fall semester	2006
VCS 520 Small animal Surgery Laboratory II (ophthalmology surgery laboratory) Assistant Instructor	2004-2007
VCS 501 Behavior, Husbandry, and Diagnostic Techniques in small animals (Small animal ophthalmic examination laboratory) Assistant Instructor	2004- 2007

Personal Data

Hobbies: Jogging, weight-lifting, scuba diving, cooking, traveling, bee-keeping.

COVID stuff

<https://vimeo.com/msstate/covid19safetytraining>