

CURRICULUM VITAE

Laura Katherine Bryan,
DVM–PhD, Dipl. ACVP

PRESENT POSITION AND ADDRESS

Title: Clinical Associate Professor

Appointment: 45% clinical service, 25% scholarship, 20% teaching, 10% academic citizenship

Address: Department of Veterinary Pathobiology
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NIH Bibliography: <https://tinyurl.com/LKBryan4>

EDUCATION

Training/Degrees	Conferring Institution	Field	Year	Honors
Bachelor of Science	Berry College	Animal Science	2006	Summa cum laude
Doctor of Veterinary Medicine (DVM)	University of Georgia	Veterinary Medicine	2011	Summa cum laude
Combined PhD/Residency program	Texas A&M University	Anatomic Pathology/Veterinary Pathobiology	2011–2018	
PhD	Texas A&M University	Veterinary Pathobiology	2018	
Post Doctoral Research Training	Texas A&M University, Canaan Whitfield–Cargile Laboratory	Large Animal Clinical Sciences	2018	

PROFESSIONAL EXPERIENCE AND ACADEMIC APPOINTMENTS

2025 – present **Clinical Associate Professor**
Department of Veterinary Pathobiology, College of Veterinary Medicine & Biomedical Sciences, Texas A&M University (45% clinical service, 25% scholarship, 20% teaching, 10% academic citizenship)

2024 – present **Director**
Bryan Pathology Consulting (BPC) of Bryan
Bryan, TX

2018 – 2025	Clinical Assistant Professor Department of Veterinary Pathobiology, College (School) of Veterinary Medicine & Biomedical Sciences, Texas A&M University (45% clinical service, 25% scholarship, 20% teaching, 10% academic citizenship)
2018	Postdoctoral Researcher Department of Large Animal Clinical Sciences, College of Veterinary Medicine & Biomedical Sciences, Texas A&M University
2017 2016 (weekends)	Anatomic Pathologist– Assistant Lecturer Department of Veterinary Pathobiology, College of Veterinary Medicine & Biomedical Sciences, Texas A&M University
2014 – 2017	Graduate Research Assistant Department of Veterinary Pathobiology, College of Veterinary Medicine & Biomedical Sciences, Texas A&M University
2011 – 2014	Anatomic Pathology Resident Department of Veterinary Pathobiology, College of Veterinary Medicine & Biomedical Sciences, Texas A&M University
2009 – 2011	Student Laboratory Technician University of Georgia
2008	Student Researcher Tifton Veterinary Diagnostic and Investigational Laboratory

QUALIFICATIONS/BOARD CERTIFICATION

2011 – present	Texas Board of Veterinary Medical Examiners License #419–S
2011 – present	Georgia Board of Veterinary Medical Examiners License VET008454
2014 – present	Diplomate of the American College of Veterinary Pathologists (Anatomic Pathology)

AWARDS AND HONORS

2022	Juan Carlos Robles Emanuelli Teaching Award
2020	VMTH Clinical Service Award
2018	AVMA/AVMF Young Investigator Award Finalist
2016 – 2017	Philanthropic Educational Organization Scholar Award
2016	TAMU Post–Doc Association Travel Award
2015	TAMU CVM First Author Publication Award
2014 – 2017	NIH Institutional National Research Service Award (T32)*
2014	TAMU CVM High Impact Achievement Award (small grant)
2014	Charles Louis Davis Foundation Student Scholarship Award
2013 – 2014	American Kennel Club Foundation Clinician–Scientist Fellowship*

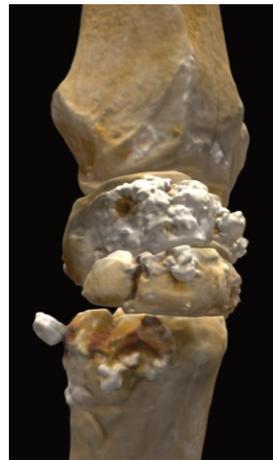
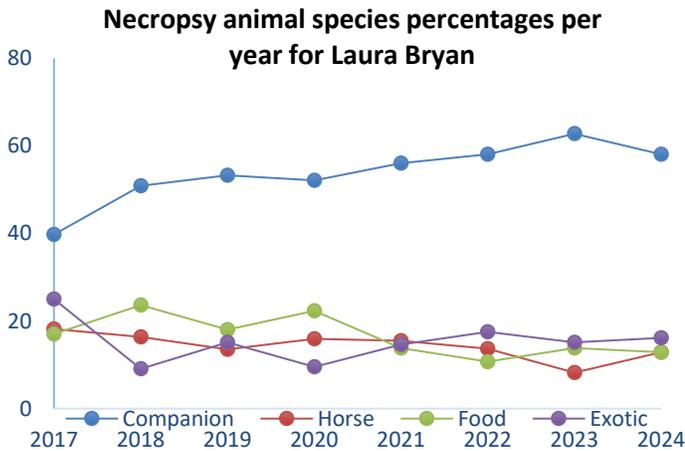
*This award is cross–referenced under research funding.

TRAINING COURSES

2018	Becoming Faculty Workshop National Veterinary Scholars Symposium, College Station, TX
2017	PATRIC Basics Houston Methodist Hospital, Houston, TX
2016	Advanced Bacterial Genetics Cold Spring Harbor Laboratories, Cold Spring Harbor, NY
2008	Merck–Merial Summer Research Program Georgia Veterinary Diagnostic Laboratory, Tifton, GA

CLINICAL SERVICE

From my appointment as a Clinical Assistant Professor in late 2018, I was one of three (2018–2022) and later six (2022– present) primary pathologists that perform necropsies for the veterinary medical teaching hospital (VMTH). My case load is highly dependent on traffic through the veterinary hospital but averaged 288 cases/ year from 2019–2021 and 309 cases/ year from 2022–2025 with 7–13 cases/ week. My career diagnostic case total from July 2011 to Dec 2025 is 2,567 with 60% involving companion animal (dog and cat), 30% horses, ruminants and pigs, and 10% exotics and laboratory animal species. I have conducted 33 legal necropsies in my career related to poisoning, abuse, or negligence allegations and 12 large animal insurance investigation necropsies, none of which have gone to trial. I have done one legal deposition as part of BPC of Bryan (July 2024). Companion animal and equine necropsies are more common than food animal or exotics, but we try to accommodate student practice interest in case assignment. At necropsy, every patient is examined for external and internal anomalies (i.e., lesions) and I work with the student and resident assigned to the case to determine contributions to morbidity or the cause of the patient's death. Since 2022, I also make 3D models of anatomic and pathologic tissue specimens (below right) from necropsy service for VMTH clients, clinicians, and resident projects.



TEACHING EXPERIENCE

I teach DVM pathology curriculum courses as well as graduate courses that are directed towards the clinical and anatomic pathology residents. I have been course coordinator for the 4th year veterinary class Clinical Diagnostics (VTPB 940) since 2020 and was course coordinator for the graduate course Mechanisms of Disease (VPAT640) for three years. I provide formal lectures in the second-year veterinary Pathology II course (VTPB 923), in VPAT 640, and in the pathology resident course Systemic Pathology I and II (VPAT 641/651). These courses are team-taught, and all lectures are similarly structured to ensure continuity for students. I am also a necropsy instructor for VTPB 940 and work with senior veterinary students to hone their skills in recognition and interpretation of common disease processes and determining postmortem artifacts. As the nature of clinical service is variable, topics discussed with the students are often based on the specifics of the presenting case and according to individual student interests. I also supervise the pathology portion of the annual Zoo and Wildlife Wetlab that is run by veterinary faculty and students.

RESEARCH AND SCHOLARLY ACTIVITIES

Interests:

I was trained in virology techniques during veterinary school and completed my Ph.D. in 2018 with a focus in bacteriology. My research interests are primarily in infectious bacterial genetics and the interface between host, pathogen, and environmental niche. From 2018–2022, I was a collaborative researcher with an emphasis on *Staphylococcus* spp. infection of wounds and the effects of gallium impregnated hydrogels in treating staphylococcal infections. As several key collaborators necessary for animal studies left TAMU in 2022, I have shifted my research focus to explore the relationship between heavy metal exposure and renal disease in

psittacine birds and cats. Current endeavors involve RNA-seq in cat kidney tissues to determine appropriate markers to use in expression studies.

Grant Funding:

SPONSOR	Title (PI and/or Co-PI)	Total Grant Amount	Funding Period
TAMU-SVM <i>Differential Tuition Dollars</i>	3D modeling for veterinary student pathology laboratories. Co-PI- Laura Bryan , Co-PI Abby Finley	\$8,123	2022-2023
University of Texas/ DHHS- NIH-National Institute of Arthritis and Musculoskeletal and Skin Diseases	5R21AR076107-02; M2102834: Antimicrobial Hydrogel Foam Dressings for Infected Chronic Wounds (PI- Canaan Whitfield, Co-PI Noah Cohen, Co-PI Laura Bryan)	\$138,368	2020-2023
National Institutes of Health	T-32 OD 011083: Research Training Grant (Trainee- Laura Bryan)	\$135,000	2014-2017
American Kennel Club	M1400616: Clinician-Scientist Fellowship- <i>Staphylococcus pseudintermedius</i> exfoliative toxins and canine pyoderma (PI Laura Bryan ; Co-PI Sara Lawhon)	\$12,000	2013-2014
Total for the Grants		\$293,491	
Total funding received by Laura Bryan		\$189,715	

BIBLIOGRAPHY

Publications in Refereed Journals (38); h-index = 16; i10 index = 19 (Cited 724 times via Google Scholar, accessed on Jan 6, 2026).

In my field, the last author is typically designated as senior author. Article times cited via Google Scholar is provided in the right column.

Authorship Key: Mentored students, residents or interns are marked with superscripts as veterinary students¹ and residents or interns.² Mentors for Dr. Bryan are marked with superscripts as mentors during her residency,³ PhD⁴ and post-doc.⁵

Original Research Articles in Peer-reviewed Journals

Cited by

1. Repyak K, Atiee G, Cook A, **Bryan L**, Gremillion C. Thoracic radiographic findings in cats with feline infectious peritonitis. *J Feline Med Surg.* 2025 Feb;27(2):1098612X241309823. doi: 10.1177/1098612X241309823. PMID: 39930322; PMCID: PMC11811981.
Contribution: case selection, archival tissue acquisition, pathology interpretation, edited manuscript 5
2. Lan Z, Guo L, Fletcher A, Ang N, Whitfield-Cargile C,³ **Bryan L**, Welch S, Richardson L, Cosgriff-Hernandez E. Antimicrobial hydrogel foam dressing with controlled release of gallium maltolate for infection control in chronic wounds. *Bioact Mater.* 2024 Sep 10;42:433-448. doi: 10.1016/j.bioactmat.2024.08.044. PMID: 39308545; PMCID: PMC11415875. 30

- Contribution: case selection, archival tissue acquisition, pathology interpretation, edited manuscript*
3. Brock AK, Chamoun–Emanuelli AM, Howard EA, Huntzinger KD, Lawhon SD,⁴ **Bryan LK**, Cosgriff–Hernandez EM, Cohen ND, Whitfield–Cargile CM.⁵ Wound swabs versus biopsies to detect methicillin resistant *Staphylococcus aureus* in experimental equine wounds. *Veterinary Surgery*. 2022; 51(8):1196–1205. doi: 10.1111/vsu.13872. PMID: 36102600
Contribution: pathology interpretation, edited manuscript 5
 4. Little SV, Hillhouse AE, Lawhon SD,⁴ **Bryan LK**. Analysis of Virulence and Antimicrobial Resistance Gene Carriage in *Staphylococcus aureus* Infections in Equids Using Whole–Genome Sequencing. *mSphere*. 2021 Aug 25;6(4):e0019620. doi: 10.1128/mSphere.00196–20. Epub 2021 Aug 4. PMID: 34346711
Contribution: designed experiment, tissue processing and acquisition, pathology interpretation, edited manuscript, senior author 18
 5. Cooper KG, Chong A, Kari L, Jeffrey B, Starr T, Martens C, McClurg M, Posada VR, Laughlin RC, Whitfield–Cargile C, Garry Adams L, **Bryan LK**, Little SV, Krath M, Lawhon⁴ SD, Steele–Mortimer O. Regulatory protein HiiD stimulates *Salmonella* Typhimurium invasiveness by promoting smooth swimming via the methyl–accepting chemotaxis protein McpC. *Nat Commun*. 2021 Jan 13;12(1):348. doi: 10.1038/s41467–020–20558–6. PMID: 33441540; PMCID: PMC7806825.
Contribution: tissue acquisition and processing, edited manuscript 30
 6. P.R. Broadway, J.A. Carroll, N.C. Burdick Sanchez, T.R. Callaway, S.D. Lawhon,⁴ E.V. Gart, **L.K. Bryan**, D.J. Nisbet, HD Hughes, JF Legako, DL O'Connor, JE Hergenreder, PW Rounds. *Bacillus subtilis* PB6 supplementation in weaned Holstein steers during an experimental *Salmonella* challenge. *Foodborne Pathogens and Disease*. 2020 Aug;17(8):521–528. doi: 10.1089/fpd.2019.2757.
Contribution: tissue acquisition and processing, edited manuscript 34
 7. Cereceres, S., Lan, Z., **Bryan, L.**, Whitely, M., Wilems, T., Fabela, N., Whitfield–Cargile,⁵ C., Cosgriff–Hernandez, E. (2020). In Vivo Characterization of Poly(ethylene glycol) Hydrogels with Thio– β Esters. *Ann Biomed Eng*. Mar;48(3):953–967. doi: 10.1007/s10439–019–02271–8. PMID: 31139974
Contribution: experiment design consultation, pathology interpretation, edited manuscript 20
 8. Kishan A, Buie T, Whitfield–Cargile C,⁵ Jose A, **Bryan L**, Cohen N, Cosgriff–Hernandez E. In vivo performance of a bilayer wrap to prevent abdominal adhesions. *Acta Biomater*. 2020 Oct 1;115:116–126. doi: 10.1016/j.actbio.2020.08.021. Epub 2020 Aug 24. PubMed PMID: 32846239.
Contribution: pathology interpretation, edited manuscript 16
 9. Little, S.V., **Bryan, L.K.**, Hillhouse, A.E., Cohen, N.D., Lawhon, S.D.⁴ (2019). Characterization of agr groups of *Staphylococcus pseudintermedius* isolates from dogs in Texas. *mSphere*. 4(2): e00033–19. PMC6437270.
Contribution: Sample processing, data acquisition and analyses, edited manuscript 29
 10. Chamoun–Emanuelli AM, **Bryan LK**, Cohen ND, Tetrault TL, Szule JA, Barhoumi R, Whitfield–Cargile CM.⁵ NSAIDs disrupt intestinal homeostasis by suppressing macroautophagy in intestinal epithelial cells. *Sci Rep*. 2019 Oct 10;9(1):14534. PMID: 31601922
Contribution: experiment design consultation, tissue processing and acquisition, pathology interpretation, edited manuscript 36
 11. Cereceres, S., Lan, Z., **Bryan, L.**, Whitely, M., Wilems, T., Greer, H., Whitfield–Cargile, C.⁵ (2019). Bactericidal activity of 3D–printed hydrogel dressing loaded with gallium maltolate. *APL Bioengineering*, 3(2), 026102. PMC6506339
Contribution: experiment design consultation, pathology interpretation, edited manuscript 38
 12. Little SV, **Bryan LK**, Hillhouse AE, Konganti K, Lawhon SD.⁴ 2019. Whole–genome sequences of *Staphylococcus pseudintermedius* isolates from canine and human bacteremia infections. *Microbiol Resour Announc* 8:e00735–19. PMID: 31296692
Contribution: Sample processing, data acquisition and analyses, edited manuscript 1
 13. Beauvais, W., Gart, E. V., Bean, M., Blanco, A., Wilsey, J., McWhinney, K., **Bryan, L.** Krath, M., Yang CY, Manriquez Alvarez D, Sushil Paudyal, Kelsey Bryan, Samantha Stewart, Peter W Cook, Glenn Lahodny Jr, Karina Baumgarten, Raju Gautam, Kendra 49

- Nightingale, Sara D Lawhon,⁴ Pablo Pinedo, Renata Ivanek. (2018). The prevalence of *Escherichia coli* O157:H7 fecal shedding in feedlot pens is affected by the water-to-cattle ratio: A randomized controlled trial. *PLoS One*. 13(2): e0192149. PMC5802916.
Contribution: Sample processing, edited manuscript
14. Stranahan, L.,² Plumlee, Q., Cohen, N., Lawhon, S. **Bryan, L.** *Rhodococcus equi* infections in goats: characterization of virulence plasmids. (2018). *Veterinary Pathology*. 55 (2):273–276. PMID: 29254455
Contribution: data acquisition and analyses, edited manuscript, senior author
15. **Bryan, L.K.**, Alexander, E.R., Lawhon, S.D.,⁴ Cohen, N.D. (2018). Detection of *vapN* in *Rhodococcus equi* isolates cultured from humans. *PLoS One*. 13(1): e0190829. PMC5754133.
Contribution: data acquisition and analyses, wrote manuscript
16. Wang, J., Wang T., Edwards, J.F.,³ Bishop, M., Dalton, S., **Bryan, L.K.**, Zhao, S. (2018). Collaborating genomic, transcriptomic and microbiomic alterations lead to canine extreme intestinal polyposis. *Oncotarget*. 26;9 (49):29162–29179. PMC6044369
Contribution: supplied tissue, pathology interpretation, edited manuscript
17. Meason-Smith, C., Edwards, E. E., Older, C. E., Branco, M. **Bryan, L.K.**, Lawhon, S.D.,⁴ Suchodolski, J. S., Gomez, G., Mansell, J., Rodrigues Hoffmann, A. (2017). Panfungal polymerase chain reaction for identification of fungal pathogens in formalin-fixed animal tissues. *Veterinary Pathology*. 54(4):640–648. PMID: 28346123.
Contribution: pathology interpretation, edited manuscript
18. **Bryan, L. K.**, Clark, S. D., Díaz-Delgado, J., Lawhon, S. D., & Edwards, J. F.³ (2017) *Rhodococcus equi* infections in dogs. *Veterinary Pathology*. Jan; 54(1):159–163. PMID: 27312368.
Contribution: data acquisition and analyses, wrote manuscript
19. Sanchez, N.C.B., Broadway, P.R., Carroll, J.A., Gart, E.V., **Bryan, L.K.**, Lawhon, S.D.⁴ (2017). Weaned pigs experimentally infected with *Salmonella* display sexually dimorphic innate immune responses without affecting pathogen colonization pattern. *Translational Animal Science* doi:10.2527/tas2016.0008
Contribution: tissue acquisition and processing, edited manuscript
20. **Bryan, L.K.**, Baldwin, C.A., Gray, M.J., Miller, D.L. (2009). Efficacy of select disinfectants at inactivating *Ranavirus*. *Diseases of Aquatic Organisms*, 84(2): 89–94. PMID: 19476278.
Contribution: data acquisition and analyses, wrote manuscript

Case Reports and Images in Peer-reviewed Publications

1. Boston TA,² Lawhon SD, Aitee GF, Como K, Sannajust K, Gremillion CL, Dodson HE, **Bryan LK**, Russell KE. Isolation of *Campylobacter upsaliensis* From an Abscessed Hepatic Mass in a Dog. 2025. *Journal of Veterinary Internal Medicine*. Online first.
Contribution: pathology interpretation, edited manuscript
2. Shekelle KL,¹ Bellezzo F, Trautmann MJ, **Bryan LK**. Cecal transection with transanal evisceration in a goat. *Journal of Veterinary Diagnostic Investigation*. 2025;37(3):507-509. doi:10.1177/10406387251324514
Contribution: pathology interpretation, edited manuscript, senior author
3. Thielemann L,¹ Lui C,² McAda W, McAda R, Jennings A, Coleman MC, **Bryan L**. Multisystemic eosinophilic epitheliotropic disease in a horse. *Brazilian Journal of Veterinary Pathology*. 2024; 17(1):72–75. 10.24070/bjvp.1983–0246.v17i1p72–75
Contribution: pathology interpretation, edited manuscript, senior author
4. Lenoir KN, **Bryan LK**, Gremillion CL. Chronic, progressive, intermittent vomiting and regurgitation, hypersalivation, inappetence, and weight loss in a 5-year-old neutered male German Shepherd Dog. *J Am Vet Med Assoc*. 2023 Apr 21;261(9):1–3. doi: 10.2460/javma.23.03.0140. PMID: 37085148.
Contribution: pathology interpretation, edited manuscript
5. Adetunji SA, Hensel ME, **Bryan LK**, Whitehead MC, Stoica G. Pathology in Practice. Pancarditis caused by *Bartonella* spp infection in a 17-year-old outdoor cat. *J Am Vet Med Assoc*. 2022 Jan 25;259(S2):1–3. doi: 10.2460/javma.19.07.0362. PMID: 35066476.
Contribution: pathology interpretation, edited manuscript
6. Lin C-M, **Bryan LK**, Bianco C. Image Challenge in Veterinary Pathology, Answers: Liver Diseases. *Veterinary Pathology*. 2022;59(1):173–174. doi:10.1177/03009858211048645

Contribution: provided images and gross and histologic description

7. **Bryan, L.K.** Tooth decay in a Yorkshire terrier. Cover of May 2022 (vol. 52) Davis–Thompson Foundation newsletter. 0
Contribution: Image acquisition
8. St Jean SC,² **Bryan LK**, Sobotyck C, Verocai GG. Pathology in Practice: Aberrant intracranial *D. immitis* migration with cerebral and cerebellar trauma in a fennec fox (*Vulpes zerda*). *J Am Vet Med Assoc.* 2021 Apr 8;259(S2):1–3. doi: 10.2460/javma.20.08.0469. PMID: 35394932. 3
Contribution: pathology interpretation, edited manuscript, equal senior author with G Verocai
9. **Bryan, L.K.** Spiracular plate of *Cochliomyia macellaria*. Cover of Nov 2021 (vol. 51) Davis–Thompson Foundation newsletter. 0
Contribution: Image acquisition
10. Heilmann RM, Nability MB, **Bryan LK**, Cook AK, Scott K. Mucocutaneous nasal histoplasmosis in an immunocompetent dog. *BMC Vet Res.* 2021 May 13;17(1):192. doi: 10.1186/s12917–021–02896–9. PMID: 33985507; PMCID: PMC8120838. 5
Contribution: pathology interpretation, edited manuscript
11. **Bryan LK**, Cordero–Aponte C, Jeckel S, Bianco C, Brena C Image Challenge in Veterinary Pathology—Answers: Small Ruminant Pathology. *Veterinary Pathology.* 2020. 57(2):351–352. 0
Contribution: Image acquisition and question drafting
12. Lau CH,² Snook ER, Swinford AK, **Bryan LK**. *Achlya* sp. dermatitis in an American alligator (*Alligator mississippiensis*). *J Comp Pathol* 2020 Feb;175:1–4. doi: 10.1016/j.jcpa.2019.12.002. 4
Contribution: data acquisition and analyses, edited manuscript, senior author
13. Saied, AA, **Bryan, LK**, Bolin DC. Ulcerative, granulomatous glossitis and enteritis caused by *Rhodococcus equi* in a heifer. *J Vet Diagn Invest.* 2019 Sep;31(5):783–787. PMID: 31347467 8
Contribution: data acquisition, edited manuscript
14. Parambeth, J. C., Simpler, R., Ruoff, C., **Bryan, L.** (2018). Canine gastroesophageal intussusception. *Australian Veterinary Practitioner.* 48 (1): 25–26. 0
Contribution: pathology interpretation, edited manuscript
15. Piccione, J., **Bryan, L.**, Hoppes, S., Levine, G. (2017). What Is Your Diagnosis? Mass on the foot of a duck. *Veterinary Clinical Pathology.* 46(1): 191–192. PMID: 28165625 3
Contribution: pathology interpretation, edited manuscript
16. **Bryan, L.K.**, Weeks, B.R.,³ Payne, H.R., Thompson, L.A., Mansell, J.L.³ Ochronosis–like condition in a cat. (2016). *Veterinary Dermatology.* Aug; 27(4):311–e77. PMID: 27225969. 1
First report of condition resembling ochronosis/ human alkaptonuria in a companion animal species. Extramural collaboration with private practitioner.
Contribution: data acquisition, wrote manuscript
17. **Bryan, L.K.**, Hamer, S.A., Shaw, S., Curtis–Robles, R., Auckland, L.D., Hodo, C.L., Chaffin, K., Rech, R.R.³ Chagas disease in a Texan horse with neurologic deficits. (2016). *Veterinary Parasitology.* 216: 13–17. PMID: 26801589. 25
First report of clinical Chagas Disease in an equid. Amastigotes were seen exclusively in the spinal cord without cardiac involvement.
Contribution: data acquisition and analyses, wrote manuscript
18. **Bryan, L.K.** 2016. Besnoitiosis in a Virginia opossum. Latin Comparative Pathology Group (LCPG), Davis–Thompson Foundation. Diagnostic Exercise #65. 0
<https://tinyurl.com/3uh53t8m>
Contribution: data acquisition and analyses, wrote manuscript
19. **Bryan, L.K.**, Edwards, J.F.,³ Hoppes, S. Pathology in practice: concurrent disseminated mammary adenocarcinoma and ovarian cystadenocarcinoma in a jaguar. (2015). *Journal of the American Veterinary Medical Association.* 247 (10): 1117–1119. PMID: 26517614. 4
Contribution: data acquisition, wrote manuscript
20. **Bryan, L.K.**, Blue–McLendon, A., Rodrigues Hoffmann,³ A. Abdominal pregnancy in a serval (*Leptailurus serval*) secondary to uterine rupture. (2015). *Journal of Zoo and Wildlife Medicine.* 46 (2): 405–408. PMID: 26056905. 4
Contribution: data acquisition and analyses, wrote manuscript
21. **Bryan, L.K.**, Porter, B.F.,³ Wickes, B.L., Kerwin, S.C., Spaulding, K.A., Lawhon, S.D.⁴ (2014). Meningoencephalitis in a dog due to *Trichosporon montevidense*. *Journal of Comparative Pathology* Aug–Oct; 151(2–3):157–61. PMID: 25005672 13

Contribution: data acquisition, wrote manuscript

22. Waugh, C. E., Scott, K.D., **Bryan, L.K.** Primary immune-mediated neutropenia in a cat. 7
(2014). *The Canadian Veterinary Journal*. 55 (11):1074–1078. PMID: 25392551.

Contribution: pathology interpretation, edited manuscript

Abstracts in Peer-reviewed Journals:

1. Tolleson, D., **Bryan, L.K.**, Whitfield, C.,⁵ Hairgrove, T.B. 11. The effect of tissue depth and day of healing on effectiveness of near infrared spectroscopy to predict quantitative differences in histological imagery of superficial burn scars in cattle. (2019). *J Animal Sci*. 97 (sup 3), 14–15.
2. PR Broadway, JA Carroll, NC Burdick Sanchez, TR Callaway, SD Lawhon,⁴ **LK Bryan**, EV Gart, D O'Connor, PW Rounds. 063 Clostat® Reduces the Negative Impacts of a Salmonella Challenge in Weaned Holstein Steers. (2018). *J Animal Sci*. 96 (sup 1), 31–32.
3. PR Broadway, JA Carroll, NC Burdick Sanchez, TR Callaway, SD Lawhon,⁴ **LK Bryan**, EV Gart, D O'Connor, PW Rounds. 461 Clostat® alters the serum metabolome of Holstein steercalves. (2018). *J Animal Sci*. 96 (sup 4), 226.
4. PR Broadway, JA Carroll, NC Burdick Sanchez, TR Callaway, SD Lawhon,⁴ **LK Bryan**, EV Gart, HD Hughes, JE Hergenreder, PW Rounds, KE Griswold. 79 The Effects of the Dfm Clostat® and Experimental Salmonella Challenge on the Microbiome of the Ileum in Weaned Holstein Steer Calves. (2018). *J Animal Sci*. 96 (sup 1), 41–42.
5. Broadway PR, Carroll JA, Burdick Sanchez NC, Gart EV, **Bryan L**, Lawhon S.⁴ (2016). A probiotic bolus is ineffective in reducing Salmonella shedding in orally-inoculated weaned pigs. *J Animal Sci*. 94 (sup 1), 36.
6. Sanchez, N. C. B., Broadway, P. R., Carroll, J. A., Gart, E. V., **Bryan, L. K.**, & Lawhon, S. D.⁴ (2016). Sexually dimorphic innate immune responses but not tissue *Salmonella* translocation patterns in pigs exposed to an oral salmonella challenge. *J Animal Sci*. 94, 30.

Magazine Article

1. **Bryan, L.**, Barksdale, T., Jones, L. “Expert advice: *Tritrichomonas foetus*.” (2011). *Georgia Cattlemen*. Jun; 39(6):56–57.

Acknowledgments in Peer-reviewed Articles

1. Hines ES, Jones S, Hoppes S, Stranahan LW. Adenocarcinoma of the distal esophagus and esophageal-proventricular junction in a yellow-naped parrot. *JVDI*. 2024;0(0). doi:10.1177/10406387241247282 (contribution–slide scanning)
2. Raquel R. Rech, Paula R. Giarretta, Richard Ploeg, Erin E. Edwards, Corrie C. Brown and Claudio S. L. Barros. Shapes of pathology. *Pesq. Vet. Bras*. 2021. 41:e06894. (contribution– image credit).
3. Raquel R. Rech, Corrie C. Brown, Jeann Leal de Araujo, and Claudio S. L. Barros. A taste of pathology. 2019. *Pesq. Vet. Bras*. 39 (09). (contribution– image credit).

Submitted Manuscripts

1. Greenberg JA,² Lawhon SD, Wu J, **Bryan LK**. *Bacillus paramobilis* and *Acinetobacter lactucae* associated cellulitis in two dogs. Submission to *JVDI* (Dec 2025)
2. Groch K,² Sanders T, Duran EMI, Clontz D,² Rech R, Grace J, Verocai GG, **Bryan LK**. Renal coccidiosis in juvenile black skimmers (*Rynchops niger*). Submission to *International Journal for Parasitology: Parasites and Wildlife (PLOS-One)*- Oct 2025

Dissertation:

Bryan, L.K. 2018. Carriage of Staphylococcal Toxin Genes and Strain Typing of Isolates from Dogs and Horses. Department of Veterinary Pathobiology, College of Veterinary Medicine & Biomedical Sciences, Texas A&M University, College Station, TX (Advisors– Dr. Sara D. Lawhon and Dr. Magnus Höök).

Oral Presentations:

- 2021 Neuropathology Mystery Session. American College of Veterinary Pathologists (ACVP) Annual Conference. Virtual Meeting. Oct 2021
- 2018 *Staphylococcus pseudintermedius* and canine pyoderma. National Veterinary Scholars Symposium. TAMU Aug 2018
- 2018 It's Not Just Horses: *Rhodococcus equi* infections in humans and animals. TAMU VTPB Departmental Seminar, College Station, TX. July 2018

- 2014 Potential ochronosis in a cat. ACVP Annual Conference, Atlanta, GA. Nov 2014
- 2014 Potential ochronosis in a cat. Texas A&M University CVM Spring Research Symposium, College Station, TX. Jan 2014
- 2013 A cat of a different color (ochronosis in a cat). C.L. Davis Regional Pathology Conference, Galveston, TX. Oct 2013
- 2012 The tale of the lumpy opossum (besnoitiosis in an opossum). C.L. Davis Regional Pathology Conference, Galveston, TX. Oct 2012
- 2011 Concurrent intestinal lymphoma and adenocarcinoma in a ferret. C.L. Davis Regional Pathology Conference, Galveston, TX. Oct 2011
- 2011 Anterior enteritis in a horse. 39th Annual Southeastern Veterinary Pathology Conference, Tifton, GA. May 2011

Poster Presentations

- 2024 Intestinal carcinoma in horses: morphologic and immunologic analysis. ACVP Annual Conference. Seattle, WA. Nov 2024.
- 2017 Typing characteristics of *Staphylococcus pseudintermedius* isolates from dogs: 2010–2012. Texas A&M University CVM Spring Research Symposium, College Station, TX. Jan 2017
- 2016 Prevalence of exfoliative toxin gene carriage in *Staphylococcus pseudintermedius* isolates from humans and dogs. ASM–Microbe, Boston, MA. June 2016
- 2016 Prevalence of *Staphylococcus pseudintermedius* exfoliative toxin gene carriage in humans and dogs. Texas A&M University CVM Spring Research Symposium, College Station, TX. Jan 2016
- 2015 Prevalence of *Staphylococcus pseudintermedius* exfoliative toxin gene carriage in humans and dogs. 4th Annual ASM–ESCMID conference, Chicago, IL. Nov 2015
- 2015 *Staphylococcus pseudintermedius* exfoliative toxin gene carriage in dogs. Texas A&M University CVM Spring Research Symposium, College Station, TX. Jan 2015
- 2014 Potential ochronosis in a cat. American College of Veterinary Pathologists Annual Conference, Atlanta, GA. Nov 2014
- 2013 Meningoencephalitis in a dog due to *Trichosporon montevidense*. ACVP Annual Conference, Montreal, Quebec, Canada. Nov 2013
- 2008 Efficacy of disinfectants in inactivating Ranavirus. Merck–Merial Research Symposium, Lansing, MI. Aug 2008.

Presentations– Contributing Author

- 2024 Groch K., Duran E., Grace J., Diaz Delgado J., Martins M., **Bryan L.** Novel Aviadenovirus detected during a mortality outbreak of black skimmers, Texas USA. (poster). ACVP Annual Conference. Seattle, WA. Nov 2024.
- 2023 Hines E,² **Bryan L.** Cadmium and gout in psittacine birds. (poster). American College of Veterinary Pathologists Annual Conference, Chicago, IL. Nov 2023
- 2023 Groch K,² Diaz Delgado J, **Bryan L.** Lysosomal storage disease in a Chihuahua. (oral). Davis–Thompson Foundation– Southcentral Division Slide Conference, Galveston, TX. Sep 2023.
- 2023 Neupane S,² Jennings A, Washburn K, **Bryan L.** *Mortierella wolfii* encephalitis in a cow. (oral). Davis–Thompson Foundation– Southcentral Division Slide Conference, Galveston, TX. Sep 2023.
- 2022 Bettencourt A,¹ Watkins J, Glass K, Brock A, **Bryan L,** Lui C,² Landsgaard K,² Porter B. Mast cell tumor of distal metacarpus with interosseous ligament involvement in a horse. (poster). American College of Veterinary Pathologists Annual Conference, Boston, MA. Nov 2022.
- 2021 Milliron S,² Scott E, Vallone L, **Bryan L.** Lipid keratopathy in a Boston terrier. (poster–virtual) American College of Veterinary Pathologists Annual Conference, Virtual Meeting, Oct 2021.
- 2021 Clonz D,² Aceino A,² Hoppes S, **Bryan L,** Porter B, Rech R. Spontaneous disease in captive capybaras *Hydrochoerus hydrochaeris*. (poster–virtual)

- American College of Veterinary Pathologists Annual Conference, Virtual Meeting, Oct 2021.
- 2020 Faccin M,² **Bryan L.** *Encephalitozoon cuniculi* in a rabbit. (oral–online). Davis–Thompson Foundation– Southcentral Division Slide Conference. Virtual Meeting. Sep 2020.
- 2020 Landsgaard K,² **Bryan L**, Rech R. Copper toxicity in a calf. (oral–online). Davis–Thompson Foundation– Southcentral Division Slide Conference. Virtual Meeting. Sep 2020.
- 2019 St Jean S,² **Bryan L.** Freemartinism in a calf. (oral). Davis–Thompson Foundation– Southcentral Division Slide Conference, Galveston, TX. Oct 2019.
- 2019 Little SV, **Bryan LK**, Hillhouse AE, Cohen ND, Lawhon SD.⁴ Characterization of agr groups of North American *Staphylococcus pseudintermedius* canine clinical isolates (poster). Texas A&M University CVM Spring Research Symposium, College Station, TX. Jan 2019.
- 2018 C. Lau,² E. R. Snook, A.K. Swinford, **L.K. Bryan.** (poster). *Achlya* sp. dermatitis in an American alligator (*Alligator mississippiensis*). American College of Veterinary Pathologists Annual Conference, Washington D.C. Nov 2018
- 2018 St Jean S,² Giaretta P, **Bryan L.** Baylisascaris in a beaver (oral). C.L. Davis Regional Pathology Conference, Galveston, TX. Oct 2018.
- 2018 Floyd AD, **Bryan LK**, Boyle B, Whitfield Cargile C.⁵ Comparison of the host and antimicrobial effects of novel metal–based wound dressings (poster). National Veterinary Scholars Symposium, College Station, TX. Aug 2018.
- 2017 Goodwin C,¹ Edwards J, **Bryan L.** Ovarian cystadenocarcinoma in a jaguar. (oral). C.L. Davis Regional Pathology Conference, Galveston, TX. Oct 2017.
- 2017 Saied, A., **Bryan, L.** Bolin, D.C. (poster). Ulcerative and granulomatous glossitis, pharyngitis, and enteritis in a heifer caused by *Rhodococcus equi*. ACVP Annual Conference, Vancouver, B.C., Canada. Nov 2017.
- 2017 Stranahan, L.,² Plumlee, Q., Cohen, N., Lawhon, S. **Bryan, L.** (poster). *Rhodococcus equi* infections in goats: characterization of virulence plasmids. ACVP Annual Conference, Vancouver, B.C., Canada. Nov 2017.
LS– won ACVP Young Investigator Award: Diagnostic Pathology
- 2016 Friedemann M, **Bryan L.** *Pneumocystis carinii* in a foal. (oral). C.L. Davis Regional Pathology Conference, Galveston, TX. Oct 2016.
- 2014 Myers, A. **Bryan, L.**, Burrell, C. Hoppes, S., Lawhon, S., Rodrigues Hoffmann, A. (poster). Intranuclear coccidiosis in a captive tortoise. ACVP Annual Conference, Atlanta, GA. Nov 2014.
- 2014 O'Brien, M.T., **Bryan, L.**, Winter, R., Clubb, F.J., Rodrigues Hoffmann, A. (poster). Biventricular and biatrial dilation, pulmonary, artery dirofilariasis, and focal acute myocardial infarction in a Boxer. ACVP, Atlanta, GA. Nov 2014

ENGAGEMENT AND ACADEMIC SERVICE ACTIVITIES:

My primary service is on the Academic Progress Appeal committee and the DVM Selections Committee (DSC), DVM Curriculum Review Committee, and the APT Faculty Promotion & Evaluation Criteria Committee (APT-CC). The Appeals committee is held whenever there is an appeal to be reviewed. The DSC has bi-monthly, one-hour meetings that are held from October to February each year, and reviews written and recorded video interview materials for rubric based scoring of applicants take approximately 40 hours per term. An 8-hour workshop to address concerns for the next application cycle occurs in the spring each year. The Curriculum Review Committee reviews DVM student applications for alternative 4th year clinical tracks three times per semester. APT-CC meets monthly to draft guidelines for APT and tenure track promotion for the CVM. I am also one of the four coordinators for the Clinical Services Committee. We field questions and concerns between the VTPB department head and faculty with clinical service appointments.

Professional Memberships:

2019 – 2021	Association of American Veterinary Laboratory Diagnosticians
2016 – present	American Society for Microbiology
2014 – present	American College of Veterinary Pathologists
2012 – present	Texas Veterinary Medical Association
2011 – present	American Veterinary Medical Association

2011 – present
2010 – present
2006 – 2008

Georgia Veterinary Medical Association
Phi Zeta Honor Society
Alpha Zeta Honor Society

Ad hoc Reviewer for Journals

Journal	Number of reviews	Years in which reviews were performed
Proceedings of the National Academy of Sciences, India Section B: Biological Sciences	1	2023
Infection Ecology & Epidemiology	1	2022
Biosafety and Health	1	2022
Diagnostic Microbiology & Infectious Disease	1	2020
Equine Veterinary Education	1	2019
Archives of Microbiology	3	2019, 2023, 2024
Comparative Immunology, Microbiology and Infectious Diseases	2	2019, 2020
PLoS One	1	2017
Veterinary Pathology	3	2016, 2024, 2025

Major Committee Assignments:

University:

- Astronaut Scholarship Foundation– TAMU Nomination Committee; 2024

Departmental:

- Clinical Pathology Faculty Search Committee; 2022 – present
- Anatomic Pathology Resident Search Committee; 2018 – present
- Clinical Services Committee; 2025 – present

College:

- DVM Curriculum Committee; 2025 – present
- APT Faculty Promotion & Evaluation Criteria Committee; 2025
- DVM Selections Committee; 2023 – present
- College of Veterinary Medicine & Biomedical Sciences– Academic Progress IV Appeal; 2020 – present

Successful Award Nominations of Colleagues:

- 2020– AFS Distinguished Achievement Award– Dr. Brian Porter (letter of support)
- 2019– VMTH Clinical Service Award– Dr. Dominique Weiner (letter of support)

This CV submitted is current and correct as of the date of this signature.

Signature:



Date: 01/06/2026

Bryan Pathology Consulting of Bryan

Laura K Bryan, DVM, PhD, Diplomate ACVP

801 Dellwood St #261, Bryan, TX 77802
979-219-9786

Legal Depositions (BPC of Bryan)

Date	Case	Location	Type	Outcome
July 2024	Shannon Sellers v. USBP	Oxford, Mississippi	Food contamination; Necropsy with expert opinion	Settled before trial

List of Legal and Insurance Necropsies- Texas A&M University

As Senior Pathologist (2016-present)

TAMU ID	Date	Species	Reason	Outcome
Legal				
N16-0119	02/2016	Dog	Food poisoning-aflatoxin	Case logged with FDA
N16-1033	10/2016	Dog	Diphacinon (rodenticide) poisoning	Legal case not pursued
N19-0207	11/2018	Dog	Gunshot	Report sent to police
N19-0784	07/2019	Dog	Rodenticide poisoning	Legal case not pursued
N20-0053	09/2019	Calf	Drowning	Legal case not pursued
N20-0216	12/2019	Dog	Drug ingestion	No follow-up from client
N20-0253	12/2019	Dog	Veterinary malpractice	Settled out of court
N20-0264	12/2019	Dog	Antifreeze poisoning	No follow-up from client
N20-0524	04/2020	Dog	Veterinary malpractice	No follow-up from client
N21-0342	01/2021	Cat	Bromethalin (rodenticide) poisoning	Legal case not pursued
N21-0887	08/2021	Dog	Gunshot	No follow-up from client
N22-0039	09/2021	Dog	Animal abuse-trauma	Report sent to police
N22-0236	12/2021	Dog	Bromethalin (rodenticide) poisoning	Legal case not pursued
N22-0385	01/2022	Dog	Ivermectin toxicity	Legal case not pursued
N22-0503	03/2022	Dog	Antifreeze poisoning	Legal case not pursued
N22-0572	04/2022	Dog	Animal abuse- neglect	No follow-up from client
N23-0288	12/2022	Dog	Animal abuse- fire	Legal case not pursued
N23-0569	04/2023	Cat	Pesticide exposure	Legal case not pursued
N23-0571	04/2023	Dog	Animal abuse- starvation	No follow-up from client
N23-0637	05/2023	Horse	Negligence-trauma	Legal case not pursued
N23-0731	06/2023	Dog	Animal abuse- trauma	No follow-up from client
N24-0188	11/2023	Dog	Environmental toxin	Legal case not pursue
N25-0328	01/2025	Dog	Gunshot	No follow-up from client

Insurance

N19-0262	12/2018	Horse	Insurance-performance animal	No dispute
N20-0615	06/2020	Horse	Insurance-performance animal	No dispute
N20-0615	06/2020	Horse	Insurance-performance animal	No dispute
N21-0033	09/2020	Horse	Insurance-performance animal	No dispute
N22-0066	09/2021	Horse	Insurance-performance animal	No dispute
N22-0779	07/2022	Horse	Insurance-performance animal	No dispute
N22-0803	07/2022	Horse	Insurance-performance animal	No dispute
N22-0819	08/2022	Horse	Insurance-performance animal	No dispute
N22-0829	08/2022	Horse	Insurance-performance animal	No dispute
N23-0369	01/2023	Horse	Insurance-performance animal	No dispute
N23-0495	03/2023	Horse	Insurance-performance animal	No dispute
N24-0044	09/2023	Cow	Insurance-genetics	No dispute
N24-0858	08/2024	Alpaca	Insurance-genetics	No dispute
N25-0060	09/2024	Horse	Insurance-performance animal	No dispute
N25-0113	10/2024	Horse	Insurance-performance animal	No dispute

As Resident Pathologist (2011-2014)

TAMU ID	Date	Species	Reason	Outcome
Legal				
N11-0681	10/2011	Dog	Diphacinon (rodenticide) poisoning	Legal case not pursued
N11-0746	11/2011	Cow	Animal abuse-neglect	No follow-up from client
N12-0124	02/2012	Dog	Environmental toxin	Report sent to police
N12-0286	04/2012	Dog	Secondary resident on case. Animal abuse- burns	Suspects pled guilty- senior pathologist not called to testify Info: https://tinyurl.com/Justicet hedog
N12-0788	10/2012	Sheep	Negligence-trauma	No follow-up from client
N12-0790	11/2012	Goat	Negligence-trauma	No follow-up from client
N12-0791	11/2012	Sheep	Negligence-trauma	No follow-up from client
N13-0805	10/2013	Horse	Ivermectin toxicity	Legal case not pursued
N14-0452	06/2014	Tortoise	Purchase- undisclosed disease	Settled out of court