

# Dr. Lauren Wisnieski, MS, PhD

Associate Professor of Public Health and Research

Lincoln Memorial University

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## EDUCATION:

- 2016-2019      Michigan State University, College of Veterinary Medicine  
PhD in Comparative Medicine and Integrative Biology  
Dissertation title: *Predictive modeling for the early identification of cattle at risk for transition diseases*
- 2014-2016      Michigan State University, College of Human Medicine  
MS in Epidemiology  
Thesis title: *Breastfeeding and risk of metabolic syndrome in children and adolescents: A systematic review*
- 2009-2014      Michigan State University, College of Natural Sciences  
BS in Zoology

## EMPLOYMENT HISTORY:

- 2024-            **The Stats Consultant, LLC**
- 2023-            **Associate Professor of Public Health and Research**  
Lincoln Memorial University  
Center for Animal and Human Health in Appalachia, College of Veterinary Medicine  
Harrogate, TN
- 2020-            **Assistant Professor of Public Health and Research**  
Lincoln Memorial University  
Center for Animal and Human Health in Appalachia, College of Veterinary Medicine  
Harrogate, TN
- 2019-2020      **Postdoctoral Associate**  
Kansas State University  
Center for Outcomes Research and Epidemiology (CORE), College of Veterinary Medicine  
Manhattan, KS
- 2019-2020      **Statistical Consultant and Analyst**  
Michigan State University  
Department of Large Animal Clinical Science, College of Veterinary Medicine  
East Lansing, MI

2018	<b>Research Assistant</b> Girls on the Move program Michigan State University College of Nursing East Lansing, MI
2018-	<b>Wyzant, Inc</b> Virtual independent epidemiology and biostatistics tutor 432 hours tutored
2015-2016	<b>Chronic Disease Surveillance Epidemiology Graduate Intern</b> Michigan Department of Community Health and Michigan Public Health Institute Lansing, MI

## MENTORING AND THESIS COMMITTEES

2025	<b>Veterinary and graduate research assistants:</b> Alice Mason, Brittany Banks, Macie Hothem, Keely Gray, Caroline Lestitian, Stefanie Coates, Sarah Barcalow, Michael Connor, Mollie McDermand, Lauren Compton
2025	<b>Thesis committee (chair):</b> Alexis Adams
2024	<b>Research Advancement Mentorship Program Mentee:</b> Amanda McCoy
2024	<b>Thesis committee:</b> Kristen Whitaker, “The Psychological Impact of Pediatric Cancer on Siblings: A Systematic Review”
2024	<b>Boehringer Ingelheim Veterinary Scholar:</b> Lauren Compton
2024	<b>Veterinary and graduate research assistants:</b> Keely Gray, Nicole Kaizerman, Michael Conner, Sarah Barcalow, Jennifer Avila, Leanne Sison, Kate Harrison, Alexandra Imbach, Alexis Adams, Lauren Compton, Katherine Kirkendall, Kristen Whitaker, Kayla Medlin, Caroline Lestitian
2023	<b>Boehringer Ingelheim Veterinary Scholar:</b> Kayla Medlin
2023	<b>Veterinary and graduate research assistants:</b> Glenna Stephens, Alexandra Imbach, Alexis Adams, Makayla Herron, Lauren Compton, Dianna Miller, Katherine Kirkendall, Andrew Barber, Kristen Whitaker, Lauren McKay, Andrea Turrell, Tara Fellows, Jaresiah Williams, Audrey Burnette, Kayla Medlin
2022	<b>Veterinary and graduate research assistants:</b> Ava Azizi, Nathan Turrell, Kristina Venditto, Jaresiah Williams, Audrey Burnette, Tristan Lackey, Kayla Medlin
2021	<b>Veterinary and graduate research assistants:</b> Audrey Burnette, Tristan Lackey, Kayla Medlin, Jessica Milam
2021-2024	<b>Thesis committee:</b> Stacie Oliver, A survey of pet caretakers on the use and perceptions regarding heartworm prophylaxis for prevention of canine heartworm disease”
2020	<b>Veterinary and graduate research assistants:</b> Stephanie Spacht
2018-2019	<b>Research Technologist:</b> Jennifer Brown, managed statistical analysis

## TEACHING

2025-	Principles of Infectious Disease and Epidemiology (LSIC 614), Lincoln Memorial University, College of Veterinary medicine, five lectures on history of epidemiology, disease surveillance, outbreak investigation, and study design
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- 2023- Evidence-Based Veterinary Medicine (CVM 716), Lincoln Memorial University, College of Veterinary Medicine, lectures on research questions and case studies, Spring semester
- 2022- One Health II (CVM 724), Lincoln Memorial University, College of Veterinary Medicine, two basic statistics lectures, Spring semester
- 2021- Life Science Graduate Research Project (LSCI 683: One Health section), Lincoln Memorial University, College of Veterinary Medicine, Instructor of record, Fall and Spring semester
- 2021 Applications of Infectious Disease (VM 727), Lincoln Memorial University, College of Veterinary Medicine, Co-instructor
- 2020- Research Design and Analysis (LSCI 604), Lincoln Memorial University, College of Veterinary Medicine, Instructor of record
- 2020 Intermediate Epidemiology, Kansas State University, College of Veterinary Medicine, Teaching assistant for one lecture
- 2018 Veterinary Science 1: Evidence Based Veterinary Medicine and Epidemiology, Michigan State University, College of Veterinary Medicine, Teaching assistant
- 2012 Principles of Animal Feeding and Nutrition, Michigan State University, Department of Animal Science, Teaching assistant

### **PROFESSIONAL and SCHOLARLY ORGANIZATIONS:**

- 2023- The Conference of Research Workers in Animal Disease
- 2023- The Southeastern Society of Parasitologists
- 2022- American Veterinary Medical Association (AVMA)
- 2021- Phi Zeta Association, honor association of veterinary medicine
- 2020- Human Animal Interaction section of the American Psychological Association
- 2020- Appalachian College Association
- 2019-2020 American Association for the Advancement of Science

### **HONORS and AWARDS:**

- 2024 Research Advancement Mentorship Program (RAMP), Lincoln Memorial University

2024	Lincoln Award for Outstanding Scholarship and Professional Achievement, Lincoln Memorial University
2023	Zoetis Award for Veterinary Research Excellence
2018	The Association for Veterinary Epidemiology and Preventive Medicine (AVEPM) Mark Gearhart Memorial Graduate Student Award.

## **GRANTS and CONTRACTS:**

### Funded

2025	Appalachian College Association Faculty Fellowship: PI Predicting Lyme disease incidence using a One Health Approach <b>(\$7,294; funded)</b>
2024	College of Veterinary Medicine Intramural Grant: Co-PI Evaluation of pathogen dynamics in canine infectious respiratory disease <b>(\$56,470; funded)</b>
2024	College of Veterinary Medicine Intramural Grant: Co-PI Leptospirosis in shelter dogs- prevalence and improved diagnostics <b>(\$54,570; funded)</b>
2024	College of Veterinary Medicine Intramural Grant: Co-PI Canine Heartworm Studies in the Cumberland Gap Region: Vector and infection prevalence in mosquito, pet, and stray dog populations in Tennessee, Kentucky, and Virginia <b>(\$32,293; funded)</b>
2024	College of Veterinary Medicine Intramural Grant: PI The Veterinary Career Preference Factors Survey (VCPFS) <b>(\$15,582; funded)</b>
2023	College of Veterinary Medicine Intramural Grant: PI Survey validation for the Retention in Equine Veterinarians Longitudinal (REVL) study <b>(\$16,882; funded)</b>
2023	College of Veterinary Medicine Intramural Grant: Co-PI Canine Heartworm Studies in the Cumberland Gap Region: Vector and infection prevalence in mosquito, pet, and stray dog populations in Tennessee, Kentucky, and Virginia <b>(\$33,146; funded)</b>
2022	College of Veterinary Medicine Intramural Grant: Co-PI Canine Heartworm Studies in the Cumberland Gap Region: Vector and infection prevalence in mosquito, pet, and stray dog populations in Tennessee, Kentucky, and Virginia <b>(\$27,545; funded)</b>
2022	College of Veterinary Medicine Intramural Grant: PI Utilizing Google Trends data to predict Lyme disease incidence in Appalachia <b>(\$29,425; funded)</b>

- 2021-2023 Alo Grant: Co-I  
Association of online Situational Judgement Tests and standard admissions criteria with resilience and empathy in veterinary students **(\$10,000; funded)**
- 2021 College of Veterinary Medicine Intramural Grant: PI  
Pet ownership, the human-animal bond, health choices, mental and physical health, and resiliency during the COVID-19 pandemic **(\$7,362; funded)**
- 2018-2019 Graduate School Writing Fellowship **(\$2,000; funded)**
- 2016-2017 Michigan Animal Health Foundation: Co-I  
Vitamin D plays an essential role in Optimizing Transition Cow Health **(\$9,150; funded)**

Not funded

- 2023 USDA AFRI- Foundational and Applied Science Program: Co-PD  
Validating and developing data management solutions for an interactive, online dashboard of veterinary workforce deficits in Appalachian states (\$298,283; not funded).
- 2023 National Center for Veterinary Parasitology: Co-PI  
Canine Heartworm Infection and Prophylaxis Use Among Pet Caretakers the Cumberland Gap Region of Kentucky and Virginia (\$17,150; not funded)
- 2023 Purina Sponsorship for Human-Animal Bond Studies: PI  
Evaluating the effects of pet adoption, the human-animal bond (HAB), and pet behavior on mental health in adults (\$22,400; not funded)
- 2022 USDA AFRI- Foundational and Applied Science Program: Co-PD  
Estimation of veterinary workforce deficits and downstream effects through the creation of an interactive, data-driven dashboard of access to veterinary care in Appalachia (\$277,960; not funded)
- 2021 The Human-Animal Bond Research Institute (HABRI): PI  
Evaluating the effects of pet adoption and the human-animal bond (HAB) on cardiovascular and mental health in adults (\$44,308; not funded)

Pending

- 2025 USDA AFRI- Foundational and Applied Science Program: Co-PD:  
Validation and dissemination of an interactive, online dashboard of veterinary workforce deficits in the 13 states of Appalachia (\$296,518; pending)
- 2025 Morris Animal Foundation Golden Retriever Lifetime Study Research Funding: PI  
The effect of co-sleeping on dog behavior in the Golden Retriever Lifetime Study (\$46,650; pending)
- 2025 Human Animal Bond Research Institute: PI  
Evaluating the benefits of co-sleeping with a pet on sleep quality and mental health

(\$66,744; pending)

## PRESENTATIONS and PUBLICATIONS:

### Peer-reviewed publications

1. McDonald, S. E., **Wisnieski, L.**, Sobolewski, C. M., Matijczak, A., Kogan, L. R., Malone, A., Scaggs, M., & Corona, R. (2024). Identity-related stressors and human-animal bonds: Associations with nicotine and cannabis use among LGBTQ+ emerging adults. *Frontiers in Veterinary Science*.
2. Low, R., Fortune, L., Brown, A., McCoy, A., & **Wisnieski, L.** (2024). Appalachian Regional Disparities in Heart Failure Readmissions: A 90-Day Retrospective Cohort Analysis Amidst the COVID-19 Pandemic. *Inquiry*. (Under Review).
3. Buck, B., Yates, A., Bui, J., McCoy, A., & **Wisnieski, L.** (2024). Advancing equity in lung cancer screening referrals: A retrospective cohort study investigating race and continued low-dose computed tomography lung cancer screening. *Journal of Medical Screening*. (Under Review).
4. Jenkins, J., **Wisnieski, L.**, Freeman, N. Mortality, Payer Status, and Health Disparities in Appalachian and non-Appalachian Kentuckians with Digestive System Cancers: A Retrospective Cohort Analysis. (2024). *Appalachian Health* (Under Review).
5. Vroegindewey, G.A., **Wisnieski, L.C.**, Kolp, M.R., Verma, A., & Anderson, S. (2025). One Health research at Lincoln Memorial University. *AVJR*. <https://doi.org/10.2460/ajvr.24.12.0381>
6. Whitaker, K., Burnette, A., Tan J.Y., Graves, M., Hunt, J., Devine, E., Anderson, S., Kirkendall, K., & **Wisnieski, L.** (2024). Factors influencing equine veterinarians' job satisfaction and retention: A focus group study. *Equine Veterinary Journal*. <https://doi.org/10.1111/evj.14467>.
7. **Wisnieski, L.**, Jenkins, J.L, and Vroegindewey, G. (2024). Factors associated with behavioral health outcomes in veterinarians involved in disaster responses. *Disaster Medicine and Public Health Preparedness*. 2024;18:e240. <https://doi:10.1017/dmp.2024.257>.
8. **Wisnieski, L.**, Carney, K., and Vroegindewey, G. (2024). Adverse Childhood Experiences, resiliency, and academic performance in veterinary students. *Proceedings of International Conference on Social and Education Sciences*. Las Vegas, NV, USA, October 19-22, 2023.
9. Tucker, C., Keyel, J., Blue, A., Chun, R., Estrada, A., Khalili, H., Riles, A., Roopnarine, R., Sick, B., VandeWoude, S., Watson, B., **Wisnieski, L.**, and Webb, T.L. (2024). The intersection of interprofessional education and One Health: A qualitative study in human and veterinary medical institutions. <http://dx.doi.org/10.2139/ssrn.4812778>.
10. Hunt, J.A., Moses, M.S., **Wisnieski, L.**, and Anderson, S.L. (2023). Veterinary students reach competency in a distributed model of veterinary clinical education. *JVME* (In press). <https://doi.org/10.3138/jvme-2023-0104>.

11. Kolagatla, S., Jenkins J.K., Elsoueidi, J., **Wisnieski, L.**, and Moka, N. (2023). Wave-based outcomes comparison of hospitalized COVID-19 patients: A retrospective multicenter cohort study from rural Appalachia. *Cureus*. 8;16(1):e51845. <https://doi.org/10.7759/cureus.51845>.
12. **Wisnieski, L.**, Gruszynski, K., Faulkner, V., and Shock, B. (2023). Challenges and Opportunities in One Health: Google Trends Search Data. *Pathogens*. 12(11),1332. <https://doi.org/10.3390/pathogens12111332>.
13. **Wisnieski, L.**, Faulkner, V., and Faulkner, C. (2023). Factors associated with heartworm preventative use in the Golden Retriever Lifetime Study. *Frontiers in Veterinary Science*. 2023(10). <https://doi.org/10.3389/fvets.2023.1208804>.
14. Capiello, B., Brehm, A., **Wisnieski, L.**, Gruszynski, K., Spangler, D., and Faulkner, F. (2023). Canine heartworm infection and prophylaxis use among pet caretakers from the Cumberland Gap region of Tennessee, USA. *Journal of Parasitology*. 109(3):225-232. <https://doi.org/10.1645/22-112>.
15. **Wisnieski, L.**, Sanderson, M.W., Renter, D.G., Bello, N.M. (2023). Inferential implications of normalizing binomial proportions in a structural equation model: A simulation study motivated by feedlot data. *Preventive Veterinary Medicine*. 217:e105963. <https://doi.org/10.1016/j.prevetmed.2023.105963>.
16. Medlin, K. and **Wisnieski, L.** (2023). The association of pet ownership and sleep quality in US adults. *Human Animal Interactions*. 2023:1-8. <https://doi.org/10.1079/hai.2023.0005>.
17. Carney, K.A., **Wisnieski, L.**, Lackey, T., and Noah, D. (2023). Prevalence and factors of self-medication with antibiotics in Claiborne County, Tennessee. *Journal of Appalachian Health*. 2023(5):1.
18. Bhopalwala, H., Akbar, A., Dewaswala, N., **Wisnieski, L.**, Minhas, A.M.K., Hussain, A., Mishra, V., Dani, S.S., Kolodziej, A., Vaidya, G., Kulkarni, A., Piercy, J., Ganti, S., Moka, N., and Bhopalwala, HA. (2022). Outcomes of heart failure in COVID-19 patients: An Appalachian experience. *Cardiology Research*. 13(3):162-171. <https://doi.org/10.14740/cr1389>.
19. **Wisnieski, L.**, Amrine, D.E., and Renter, D.G. (2022). Predictive models for weekly cattle mortality after arrival at a feeding location using records, weather, and transport data at time of purchase. *Pathogens*. 11(4):473. <https://doi.org/10.3390/pathogens11040473>.
20. Smith, L., Elsoueidi, J., **Wisnieski, L.**, Kolagatla, S., and Moka, N. (2022). Adherence with the Multitarget Stool DNA Test for Colorectal Cancer Screening in Rural Southeastern Kentucky. *Journal of Clinical Oncology*. 40, 4(suppl): 64. [https://doi.org/10.1200/JCO.2022.40.4\\_suppl.064](https://doi.org/10.1200/JCO.2022.40.4_suppl.064).
21. Bhopalwala, H., Dewaswala, N., Kolagatla, S., **Wisnieski, L.**, Piercy, J., Bhopalwala, A., and Moka, N. (2022). Predictors of mortality for patients with COVID-19 in the rural Appalachian region. *International Journal of General Medicine*. 15 (2022): 2207. <https://doi.org/10.2147/IJGM.S355083>.
22. Gibbons, J., **Wisnieski, L.**, and Gibbons. (2021). P. 72 Evaluation of digital images of bovine embryos. *Reproduction, Fertility and Development*. 33.2: 143-144. <https://doi.org/10.1071/RDv33n2Ab72>.



23. **Wisnieski, L.**, Carney, K.A., and Thornley, J.L. (2021). COVID-19 experiences, behaviors, beliefs, and well-being among students and employees at a university in rural Appalachia: A cross-sectional study. *Journal of Appalachian Health*. 3(4):109–22. <https://doi.org/10.13023/jah.0304.09>.
24. Strickland, J.M., **Wisnieski, L.**, Mavangira, V., and Sordillo, L.M. (2021). Serum vitamin D is associated with antioxidant potential in peri-parturient cows. *Antioxidants*. 10,1420. <https://doi.org/10.3390/antiox10091420>.
25. Tan, K., Savoy, M., McGrew, L, **Wisnieski, L.**, Gruszynski, K., and Babos, M.B. (2021). Efficacy of green tea consumption on reducing body mass index and insulin resistance: A meta-analysis. *The Federation of American Societies for Experimental Biology Journal*. 35(S1): e193. <https://doi.org/10.1096/fasebj.2021.35.S1.00193>.
26. **Wisnieski L.**, Amrine, D.E., and Renter, D.G. (2021). Predictive modeling of bovine respiratory disease outcomes in feedlot cattle: A narrative review. *Livestock Science*. e104666. <https://doi.org/10.1016/j.livsci.2021.104666>.
27. Anderson, S., **Wisnieski, L.**, Achilles S., Wooton, K., Hunt, J., and Shaffer, C. (2021). The impact of gel nail polish application on log reduction of bacterial viability following a surgical hand scrub. *Veterinary Surgery*. 50(7):1525-1532. <https://doi.org/10.1111/vsu.13703>.
28. **Wisnieski, L.**, Amrine, D., Cernicchiaro, N., Sanderson, M., and Renter, D. (2021). Weather conditions associated with bovine respiratory disease mortality in male auction market-derived beef calves. *American Journal of Veterinary Research*. 82(8): 644-652. <https://doi.org/10.2460/ajvr.82.8.644>.
29. Vi Do, T., Kammili, S.T., Reep, M., **Wisnieski L.**, Ganti, S., and Depa, J. (2021). COVID-19 Vaccine Acceptance among Rural Appalachian Healthcare Workers (Eastern Kentucky/West Virginia): A Cross-Sectional Study. *Cureus*. 13(8): e16842. <https://doi.org/10.7759/cureus>.
30. Abuelo, A., **Wisnieski, L.**, Brown, J., and Sordillo, L.M. (2021). Rumination time around dry-off relative to the development of diseases in early lactation cows. *Journal of Dairy Science*. 104(5):5909-5920. <https://doi.org/10.3168/jds.2020-19782>
31. Herdt, T., **Wisnieski, L.**, and Buschweitz, J. (2021). Random-effects linear model application to herd-level assessment of bovine hepatic trace mineral concentrations. *Journal of Veterinary Diagnostic Investigation*. <https://doi.org/10.1177/1040638721999368>.
32. Strickland, S., **Wisnieski, L.**, Herdt, T., and Sordillo L.M. (2021). Serum retinol,  $\beta$ -carotene, and  $\alpha$ -tocopherol as biomarkers for disease risk and milk production in periparturient dairy cows. *Journal of Dairy Science*. 103(2):1795-1806. <https://doi.org/10.3168/jds.2020-18693>
33. Tan, K., Savoy, M., McGrew, L., **Wisnieski, L.**, Gruszynski, K., Babos, M.B. (2020). Efficacy of green tea consumption on weight loss and maintenance: a Meta-Analysis. Abstract in: 2020 AOA Research Abstracts and Poster Competition. *The Journal of the American Osteopathic Association*. 120(12):e56-57. <https://doi.org/10.7556/jaoa.2020.157>



34. **Wisnieski, L.**, Norby, N., Gandy, J., Byrem, T.M., and Sordillo, L.M. (2020). Changes in bovine leukemia virus serological status and lymphocyte count between dry-off and early lactation in Michigan dairy cows. *Journal of Dairy Science*. <https://doi.org/10.3168/jds.2019-17839>.
35. **Wisnieski, L.**, Brown, J., Holcombe, S., and Sordillo, L.M. (2019). Serum vitamin D concentrations at dry-off and close-up predict increased post-partum urine ketone concentrations in dairy cattle. *Journal of Dairy Science*. 103: 1795-1806. <https://doi.org/10.3168/jds.2019-16599>
36. **Wisnieski, L.**, Norby, B., Pierce, S.J., Becker, T., and Sordillo, L.M. (2019). Prospects for predictive modeling of transition cow diseases. *Animal Health Research Reviews*. 1-12. <https://doi.org/10.1017/S1466252319000112>.
37. **Wisnieski, L.**, Norby, B., Pierce, S.J., Becker, T., Gandy, J.C., and Sordillo, L.M. (2019). Cohort-level disease prediction using aggregate biomarker data measured at dry-off in transition dairy cattle: A proof-of-concept study. *Preventive Veterinary Medicine*. 169: 104692. <https://doi.org/10.1016/j.prevetmed.2019.104701>.
38. **Wisnieski, L.**, Norby, B., Pierce, S.J., Becker, T., Gandy, J.C., and Sordillo, L.M. (2019). Cohort-level disease prediction by extrapolation of individual-level predictions in transition dairy cattle. *Preventive Veterinary Medicine*. 169: 104692. <https://doi.org/10.1016/j.prevetmed.2019.104692>.
39. **Wisnieski, L.**, Norby, B., Pierce, S.J., Becker, T., Gandy, J.C., and Sordillo, L.M. (2019). Predictive models for early lactation diseases in transition dairy cattle at dry-off. *Preventive Veterinary Medicine*. 163 (1): 68-78. <https://doi.org/10.1016/j.prevetmed.2018.12.014>.
40. **Wisnieski, L.**, Dalimonte-Merckling, D., and Robbins, L.B. (2019). Cardiorespiratory fitness as a mediator of the association between physical activity and overweight and obesity in adolescent girls. *Childhood Obesity*. 15(5): 338-345. <https://doi.org/10.1089/chi.2018.0360>.
41. Putman, A.K., Brown, J.L, Gandy, J.C., **Wisnieski, L.**, and Sordillo, L.M. (2018). Changes in biomarkers of nutrient metabolism, inflammation, and oxidative stress in dairy cows during the transition into the early dry period. *Journal of Dairy Science*. 101(10): 9350-9359. <https://doi.org/10.3168/jds.2018-14591>.
42. Holcombe S.J., **Wisnieski, L.**, Gandy, J., Norby, B., and Sordillo, L.M. (2017). Reduced serum vitamin D concentrations in healthy early-lactation dairy cattle. *Journal of Dairy Science*. 101:1488–1494. <https://doi.org/10.3168/jds.2017-13547>.
43. **Wisnieski L.**, Kerver J., Holzman C., Todem D., and Margerison-Zilko C. (2017). Breastfeeding and Risk of Metabolic Syndrome in Children and Adolescents: A Systematic Review. *Journal of Human Lactation*. 34(3): 515-525. <https://doi.org/10.1177/0890334417737038>.

### Professional Presentations

Oral presentations: \*presenter

1. **Wisnieski, L.**, Kolp, M., \*Gruszynski, K., and Vroegindewey, G. 2024. Preliminary estimates and user feedback generated from the veterinary workforce dashboard. *17th International Symposium on Veterinary Epidemiology and Economics*. Sydney, Australia.
2. \*Kolp, M., \***Wisnieski, L.**, Gruszynski, K., and Vroegindewey, G. 2024. A data-driven online dashboard of veterinary workforce deficits in Appalachian States. Virtual Veterinary Workforce Workshop, Harrogate, TN.
3. \***Wisnieski, L.**, Gruszynski, K., Shock, B., and Faulkner, V. 2024. Predicting human and dog Lyme disease incidence using Google Trends data. Conference of Research Workers in Animal Diseases. Chicago, IL.
4. \*Kolp, M., \***Wisnieski, L.**, Gruszynski, K., and \*Vroegindewey, G. 2023. A data-driven online dashboard of veterinary workforce deficits in Appalachian States. United States Animal Health Association, Washington D.C.
5. \***Wisnieski, L.**, Carney, K., and Vroegindewey, G. (2023). Adverse childhood experiences, resiliency, and academic performance in veterinary students. International Conference on Social and Education Sciences, Las Vegas, NV, virtual.
6. \***Wisnieski, L.** (2023). Scooby Doo and the case of the lost sleep. *One Health Rally Event*, Albright Grove, Knoxville, TN.
7. \*Darter, D., Freeman, N., Fuesting B., Ruff, C., Kishpaugh, J., Slaven, R., and **Wisnieski, L.** (2023). The impact of adverse childhood events on medical education. *LMU Research Day*, Harrogate, TN.
8. \*Burnette, A. and **Wisnieski, L.** (2023). Interrater reliability in qualitative research, *LMU Research Day*, Harrogate, TN.
9. \*Williams, S.D., **Wisnieski, L.**, Gruszynski, K., Faulkner, V., and Faulkner, C. 2023. A cross-sectional analysis of the knowledge, beliefs, and perceptions of canine heartworm prophylaxis use for prevention of canine heartworm disease, *LMU Research Day*, Harrogate, TN.
10. \*Williams, S.D., **Wisnieski, L.**, Gruszynski, K., Faulkner, V., and Faulkner, C. 2023. A cross-sectional analysis of the knowledge, beliefs, and perceptions of canine heartworm prophylaxis use for prevention of canine heartworm disease, *The Southeastern Society of Parasitologists*, Harrogate, TN.
11. \***Wisnieski, L.**, Faulkner, V., and Faulkner, C. (2023). Factors associated with heartworm preventative use. *The Southeastern Society of Parasitologists*, Harrogate, TN.
12. \*Faulkner, C.T. and **Wisnieski, L.** (2022). A collaborative approach to canine heartworm studies in the Cumberland Gap region, *CVM CE Seminar series*, Harrogate, TN.
13. \***Wisnieski, L.**, Faulkner, V., Shock, B., and Gruszynski, K. (2022). Utilizing Google Trends data to predict Lyme disease incidence in the United States, *Ecological Society of America*, Montreal, Canada.
14. \*Carney, K., Kelly, C., Pulliam, D., and **Wisnieski, L.** (2022). Admissions musical chairs, *Altus Assessments Annual Summit*, Virtual.

15. \*Williams, S.D., **Wisnieski, L.**, Gruszynski, K., Faulkner, V., and Faulkner, C.T. (2022). A survey of pet caretakers on the use and perceptions regarding heartworm prophylaxis for prevention of canine heartworm disease, *Southeastern Society of Parasitologists meeting*, Rome, GA.
16. \*Williams, S.D., **Wisnieski, L.**, Gruszynski, K., Faulkner, V., Faulkner, C.T. (2022). A survey of pet caretakers on the use and perceptions regarding heartworm prophylaxis for prevention of canine heartworm disease, *The 97<sup>th</sup> Annual Meeting of the American Society of Parasitologists*, College Station, TX.
17. \*Herdt, T.H., **Wisnieski, L.**, and Buchweitz, J. (2022). Herd-Level Evaluation of Bovine Hepatic Trace Element Analysis, *American College of Veterinary Internal Medicine*, Austin, TX.
18. \***Wisnieski, L.**, Amrine, D.E., and Renter, D.G. (2022). Predictive models for weekly cattle mortality after arrival to the feedlot using records, weather, and transport data, *Conference on Applied Statistics in Agriculture and Natural Resources*, Logan, UT.
19. \*Posada, J. and **Wisnieski, L.** (2022). The impact of co-sleeping with a dog on sleep quality and duration, *LMU Research Day*, Harrogate, TN.
20. \***Wisnieski, L.** (2022). Introduction to SPSS, *CVM CE Seminar Lecture Series*, Harrogate, TN.
21. \***Wisnieski, L.** (2021). Guidelines for Statistical Design and Analysis. Commencement 2021 Launch Week, College of Veterinary Medicine, Lincoln Memorial University, Harrogate, TN.
22. \***Wisnieski, L.** (2021). Introduction to Statistical Analytics, *CVM CE Seminar Lecture Series*. Lincoln Memorial University, Harrogate, TN.
23. \*Presnell, L., Thacker, B., Archer, A., **Wisnieski, L.**, Greiner, K., and Rippel, N. (2021). The impact of neonatal PCV3 infection on the development of Streptococcus suis disease in late farrowing and nursery age pigs, *American Association of Swine Veterinarians*, Denver, CO.
24. \*Trudeau A. and **Wisnieski, L.** (2021). The strength of the human-animal bond affecting mental and physical health outcomes: A Systematic Literature Review, *LMU Research Day*, Harrogate, TN.
25. \*Tan, K., Savoy, M., McGrew, L., **Wisnieski, L.**, Gruszynski, L., Babos, M.B. (2021). Effects of green tea consumption on body mass index and insulin resistance: A meta-analysis, *LMU Research Day*, Harrogate, TN.
26. \*Strickland, J.M., **Wisnieski, L.**, Sordillo, L.M. (2019). Serum vitamin concentrations as biomarkers of disease in dairy cows, *Conference of Research Workers in Animal Diseases*, Chicago, IL.
27. \***Wisnieski, L.**, Norby, B., Pierce, P., Becker, T., Gandy, J., and Sordillo, L. (2018). Predictive modeling for detection of dairy cattle at risk of transition diseases as early as dry-off, *Conference of Research Workers in Animal Diseases*, Chicago, IL.

28. **\*Wisnieski L.**, Norby, B., Pierce, P., Becker, T., Gandy, J., and Sordillo, L. (2018). Identifying dairy cattle at risk of disease: a predictive modeling approach for early detection, *Phi Zeta Research Day*, East Lansing, MI.
29. **\*Wisnieski L.** The ‘glmulti’ package: Best Subsets selection in R. (2018), *R Ladies of East Lansing Lightning Talks*, East Lansing, MI.
30. **\*Wisnieski L.**, and Hutchinson, H. (2018). Brown Bag Session: Statistics for Summer Research Projects, *Special seminar for graduate students*, East Lansing, MI.
31. **\*Wisnieski L.**, Norby, B., Pierce, P., Becker, T., and Sordillo, L. (2017). Predictive Modeling for Early Lactation Diseases in Transition Dairy Cattle, *Conference of Research Workers in Animal Diseases*, Chicago, IL.
32. **\*Wisnieski L.**, Norby, B., Pierce, P., Becker, T., and Sordillo, L. (2017). Predictive Modeling for Early Detection of Cattle at Risk for Transition Diseases, *Phi Zeta Research Day*, East Lansing, MI
33. **\*Wisnieski L.**, Norby, B., Pierce, P., Gandy, J., and Sordillo, L. (2016). Confirmatory Factor Analysis of Biomarkers for Metabolic Stress in Dairy Cattle Herds, *Phi Zeta Research Day*, East Lansing, MI.

#### Poster Presentations

1. Whitaker, K., Burnette, A., **\*Tan, J-Y**, Graves, M., Hunt, J., Devine, E., Anderson, S., Kirkendall, K., & **\*Wisnieski, L.** (2025). Equine Veterinarians’ Job Satisfaction and Retention: A Focus Group Study. *AVMA Convention*, Washington, D.C.
2. **\*Malone, A. M.**, McDonald, S. E., **Wisnieski, L.**, Sobolewski, C. M., Matijczak A., Kogan, L. R., Scaggs, M., & Corona, R. (under review). Identify-based stressors, human-animal bonds, and substance use in LGBTQ+ emerging adults. Poster submitted for presentation at *the 2025 APA InterDivisional Animal Summit*, Denver, CO.
3. **\*Low, R.**, Fortune, L1, Brown, A., McCoy, A., & **Wisnieski, L.** (2024). Appalachian Regional Disparities in Heart Failure Readmissions: A 90-Day Retrospective Cohort Analysis Amidst the COVID-19 Pandemic. *Rural Health Association of Tennessee*, Knoxville, TN.
4. **\*Morris, P.H.**, **Wisnieski, L.**, Smith, S., Hall, K., and Morris, V.J. (2025). Seroprevalence of Cache Valley Virus in sheep population in the South-Central Appalachian Region. *Conference of Research Workers in Animal Diseases*, Chicago, IL.
5. **\*Lockwood, R.**, **\*Cruz, A.**, Gutierrez, M., Green, H., LeRoy, C., Pulliam, T., Banach, J., **Wisnieski, L.**, Gemechu, M., Patnayah, D., Naikare, H., Jones, C., Morgan, J., and Verma, A. (2025). Leptospiral shedding and seroprevalence in shelter dogs: a repeat cross-sectional/pseudo-longitudinal study. *Conference of Research Workers in Animal Diseases*, Chicago, IL.
6. **\*Gray, K.**, O’Brien, J., and **Wisnieski, L.** (2024). The correlation of human and canine Lyme disease incidence. Tennessee Academy of Science. Harrogate, TN.

7. \*Mason, A. and **Wisnieski, L.** (2024). Burnout in LMU-CVM students. Tennessee Academy of Science. Harrogate, TN.
8. \*Gruszynski, K., Kolp, M., **Wisnieski, L.**, Vroegindewey, G. (2024). Dashboard of animal population and veterinary workforce estimates in Appalachia (USA). *17th International Symposium on Veterinary Epidemiology and Economics*. Sydney, Australia.
9. \*Compton, L., Vroegindewey, G., and **Wisnieski, L.** (2024). Viewpoints on practice ownership among veterinary students and recently graduated veterinarians. Boehringer Ingelheim Veterinary Scholars Symposium. Minneapolis, MN.
10. \*Adams, A. and **Wisnieski, L.** (2024). Paws and pricing: A study on the website transparency of veterinary costs of U.S. LMU Research Day, Harrogate, TN.
11. \*Imbach, A. Gruszynski, K., Kolp, M., Vroegindewey, G., and **Wisnieski, L.** (2024). Veterinary Workforce Dashboard of Appalachia. LMU Research Day, Harrogate, TN.
12. \*Medlin, K. and **Wisnieski, L.** (2024). The association between early childhood pet and livestock ownership and the development of asthma and allergies. LMU Research Day, Harrogate, TN.
13. \*Adams, A. and **Wisnieski, L.** (2024). Paws and pricing: A study on the website transparency of veterinary costs within the U.S. Phi Zeta Research Day, Harrogate, TN.
14. \*Imbach, A., **Wisnieski, L.**, Kolp, M., Gruszynski, K., and Vroegindewey, G. (2024). Veterinary workforce dashboard of Appalachia. Phi Zeta Research Day, Harrogate, TN.
15. \*Williams, S., **Wisnieski, L.**, Gruszynski, K., Faulkner, V., and Faulkner C. (2024). A cross-sectional analysis of the knowledge, beliefs, and perceptions of canine heartworm prophylaxis use for prevention of canine heartworm disease. Phi Zeta Research Day, Harrogate, TN.
16. \*Whitaker, K. and **Wisnieski, L.** (2024). Long hours, lower than expected wages, and a lack of work-life balance are causing veterinarians to leave equine medicine. Phi Zeta Research Day, Harrogate, TN.
17. \*Medlin, K. and **Wisnieski, L.** (2024). The association between early childhood pet and livestock ownership and the development of asthma and allergies. Phi Zeta Research Day, Harrogate, TN.
18. \*Medlin, K. and **Wisnieski, L.** (2023). The association between early childhood pet and livestock ownership and the development of allergies and asthma. Boehringer Ingelheim National Veterinary Scholars Symposium, Puerto Rico.
19. \*Gruszynski, K., Kertis, K., **Wisnieski, L.**, Kolp, M., and Vroegindewey, G. (2023). Data and other considerations when using GIS to support animal emergency preparedness and response in Appalachia. GeoVet, Silvi Marina, Teramo, Italy.
20. \*Azizi, A. and **Wisnieski, L.** (2023). Identifying solutions to the veterinary workforce crisis, LMU Research Day, Harrogate, TN.
21. \*Presnell, L., \*Archer, A., **Wisnieski, L.**, Thacker, B. (2022). The impact of neonatal PCV3 infection on the development of Strep suis disease in late farrowing and nursery age pigs. Phi Zeta Research Day, Harrogate, TN.

22. \*Medlin, K. and **Wisnieski, L.** (2022). The association between early childhood pet ownership and development of asthma and allergies: A project proposal. Phi Zeta Research Day, Harrogate, TN.
23. \*Lackey, T., Venditto, K., Williams, J., and **Wisnieski, L.** (2022). A systematic review on burnout and work satisfaction in human and veterinary medicine. Phi Zeta Research Day, Harrogate, TN.
24. \*Jones, L. and **Wisnieski, L.** (2022). The Retention in Equine Veterinarians Longitudinal Study Survey. Phi Zeta Research Day, Harrogate, TN.
25. \*Burnette A. and **Wisnieski L.** (2022). The Conservation of Resources Theory and Equine Veterinary Burnout. Phi Zeta Research Day, Harrogate, TN.
26. \*Williams, S.D., **Wisnieski, L.**, Gruszynski, K., Faulkner, V., and Faulkner, C.T. (2022). A cross-sectional analysis of the knowledge, beliefs, and perceptions of canine heartworm prophylaxis use for prevention of canine heartworm disease. *American Heartworm Society*, New Orleans, LA.
27. \*Kolagatla, S., Jenkins, J., **Wisnieski, L.**, Moka, N. (2022). Wave-based outcomes comparison of hospitalized COVID-19 patients: A retrospective multicenter cohort study from rural Appalachia, *ACP-KY Chapter*, Louisville, KY. First place poster.
28. \*Smith, F., Elsoueidi, J., **Wisnieski, L.**, Kolagatla, S., Moka, N. (2022). Adherence with the multitarget stool DNA test for colorectal cancer screening in rural southeastern Kentucky, *ASCO Gastrointestinal Cancers Symposium*, Lexington, KY.
29. \***Wisnieski, L.**, Faulkner, V., Shock, B., Gruszynski, K. (2022). Predicting Lyme disease incidence using Google Trends search data, *ISVEE*, Halifax, Canada.
30. \*Burnette, A. and **Wisnieski, L.** (2022). The Retention of Equine Veterinarians Longitudinal (REVL) study, *LMU Research Day*, Harrogate, TN.
31. \*Lackey, T. and **Wisnieski, L.** (2022). Systematic review on work satisfaction and burnout in human and veterinary medicine, *LMU Research Day*, Harrogate, TN.
32. \*Venditto, K. and **Wisnieski, L.** (2022). Burnout among equine veterinarians, *LMU Research Day*, Harrogate, TN.
33. \*Murray, L., \*Williams, J., and **Wisnieski, L.** (2022). Impact of human-animal bond on mental health and pet preventative care, *LMU Research Day*, Harrogate, TN.
34. \*Medlin, K. and **Wisnieski, L.** (2022). Outcomes of cats and dogs adopted during the COVID-19 pandemic, *LMU Research Day*, Harrogate, TN.
35. \*Gibbons, J., **Wisnieski, L.**, and Gibbons, P. (2021). Evaluation of Digital Images of Bovine Embryos, *International Embryo Technology Society*, Virtual.



36. \*Price, B., Gibbons, J., **Wisnieski, L.**, and Gibbons, P. (2021). Evaluation of Digital Images of Bovine Embryos, *Phi Zeta Research Day*, Harrogate, TN.
37. \*Medlin K. and **Wisnieski, L.** (2021). The impact of pet ownership on sleep quality, *Phi Zeta Research Day*, Harrogate, TN.
38. \*Medlin K. and **Wisnieski, L.** (2021). The impact of pet ownership on sleep quality, *LMU Research Day*, Harrogate, TN.
39. \*Thornley, J. and **Wisnieski, L.** (2021). Gender differences in COVID-19 experiences, behaviors, beliefs, and well- being among faculty, staff and students, *LMU Research Day*, Harrogate, TN.
40. \*Bain, J. and **Wisnieski, L.** (2021). The association of pet ownership and anxiety in children and adolescents: A systematic review, *LMU Research Day*, Harrogate, TN.
41. \*Nobles, N. and **Wisnieski, L.** (2021). Pet ownership and disaster preparedness, *LMU Research Day*, Harrogate, TN.
42. \*Crickard, A. and **Wisnieski, L.** (2021). Habit-forming substance use and animal ownership, *LMU Research Day*, Harrogate, TN. Second place, graduate student poster.
43. \*Ybarra, A. and **Wisnieski, L.** (2021). Effects of COVID-19 lockdown on adolescent mental health since June 2020, *LMU Research Day*, Harrogate, TN.
44. \*Bhopalwala, H.M., Piercy, H, **Wisnieski, L.**, Kolagatla, S., Moka, N. (2021). Epidemiology, Clinical Features, and Outcomes of Hospitalized Adults with COVID-19: A Rural Appalachian Experience. *AMA Research Symposium*. Virtual. AMA research challenge semi-finalist.
45. \*Tan, K., Savoy, M., McGrew, L., **Wisnieski, L.**, Gruszynski, K., Babos, M.B. (2021). Effects of green tea consumption on anthropometric markers: a meta-analysis., *AMA Research Symposium*, Virtual.
46. \*Tan, K., Savoy, M., McGrew, L., **Wisnieski, L.**, Gruszynski, K., Babos, M.B. (2021). Effects of Green Tea Consumption on Body Weight and Markers of Insulin Resistance: A Meta-Analysis, *AAFP*, Virtual.
47. \*Tan, K., Savoy, M., McGrew, L., **Wisnieski, L.**, Gruszynski, K., Babos, M.B. (2021). Effects of Green Tea Consumption on Insulin Resistance: A Meta-Analysis, *International Conference on Traditional Medicine and Phytochemistry (TMED)*, Virtual.
48. \*Tan, K., Savoy, M., McGrew, L., **Wisnieski, L.**, Gruszynski, K., Babos, M.B. (2021). Effects of Green Tea Consumption on Body Mass Index: A Meta-Analysis, *National SOMA Research Symposium*, Virtual.
49. \*Tan, K., Savoy, M., McGrew, L., **Wisnieski, L.**, Gruszynski, K., Babos, M.B. (2021). Efficacy of Green Tea Consumption on Reducing Body Mass Index: A Meta-Analysis, *American College of Osteopathic Internists (ACOI) Annual Convention*, Orlando, FL.



50. \*Tan, K., Savoy, M., McGrew, L., **Wisnieski, L.**, Gruszynski, K., Babos, M.B. (2021). Green Tea's Effect on Markers of Insulin Resistance: A Meta-Analysis, *OK Osteopathic Association Research Poster Symposium*, Catoosa, OK.
51. \*Tan, K., Savoy, M., McGrew, L., **Wisnieski, L.**, Gruszynski, K., Babos, M.B. (2021). Efficacy of Green Tea Consumption on Reducing Body Mass Index and Insulin Resistance: A Meta-Analysis, *Experimental Biology 2021*, Virtual.
52. \*Tan, K., Savoy, M., McGrew, L., **Wisnieski, L.**, Gruszynski, K., Babos, M.B. (2021). Efficacy of Green Tea Consumption on Reducing Body Weight and Insulin Resistance Markers, *Tennessee Osteopathic Medical Association (TOMA)*, Franklin, TN.
53. \*Tan, K., Savoy, M., McGrew, L., **Wisnieski, L.**, Gruszynski, K., Babos, M.B. (2021). Effects of green tea consumption on body weight: a Meta-Analysis, *The American College of Osteopathic Family Physicians (ACOF) 58th Annual Convention & Scientific Seminars*, Virtual.
54. \*Tan, K., Savoy, M., McGrew, L., **Wisnieski, L.**, Gruszynski, K., Babos, M.B. (2021). Improving Appalachian health: a Meta-Analysis of green tea's effects on weight loss and maintenance. *Rural Health Association of Tennessee*. Pigeon Forge, TN.
55. \*Tan, K., Savoy, M., McGrew, L., **Wisnieski, L.**, Gruszynski, K., Babos, M.B. (2020). Efficacy of Green Tea Consumption on Weight Loss and Maintenance: A Meta-Analysis, *American Osteopathic Association- Osteopathic Medical Education Conference (AOA-OMED) 2020*, Virtual. Second Place Clinical Category.
56. \*Tan, K., Savoy, M., McGrew, L., **Wisnieski, L.**, Gruszynski, K., Babos, M.B. (2020). Improving Appalachian healthcare: A meta-analysis on weight loss and maintenance. *Appalachian Research Day*. Virtual.
57. \*Tan, K., Savoy, M., McGrew, L., **Wisnieski, L.**, Gruszynski, K., Babos, M.B. (2020). Efficacy of green tea consumption on markers of insulin resistance. *Rural Health Association of Tennessee*. Virtual.
58. **\*Wisnieski, L.**, Amrine, D.E., Cernicchiaro, N., Sanderson, M.W., and Renter, D.G. (2020). Weather conditions at purchase site and during the first week after arrival associated with bovine respiratory disease mortality in auction-sourced male beef calves. *Cattlemen's Day*, Manhattan, KS.
59. **\*Wisnieski, L.**, Amrine, D.E., Cernicchiaro, N., Sanderson, M.W., and Renter, D.G. (2019). Cattle, management, and environmental factors associated with mortality in commercial feedlot cattle. *Conference of Research Workers in Animal Diseases*, Chicago, IL.
60. **\*Wisnieski L.**, Holcombe, S., Brown, J., Gandy, J., and Sordillo, S. (2018). Serum vitamin D concentrations as a risk factor for ketosis and uterine diseases in early-lactation dairy cattle. *Conference of Research Workers in Animal Diseases*, Chicago, IL.
61. \*Brown, J., Abuelo, A., Gandy, J.C., **Wisnieski, L.**, Sordillo, L.M. (2018). The association between rumination activity and early lactation diseases. *Conference of Research Workers in Animal Diseases*, Chicago, IL.

### Other publications

1. DeGuire P., Cao B., **Wisnieski L.**, Strane D., Wahl R., Lyon-Callo S., and Garcia E. (2016). Detroit: The Current Status of the Asthma Burden. Lansing, MI: Michigan Department of Health and Human Services, Lifecourse Epidemiology and Genomics Division, Chronic Disease Epidemiology Section, March 2016.
2. **Wisnieski L.**, Anderson B., and Wahl R. (2016). Michigan Asthma Statistics. Lansing, MI: Michigan Department of Health and Human Services, Lifecourse Epidemiology and Genomics Division, Chronic Disease Epidemiology Section, February 2016.
3. **Wisnieski L.** and Langeland G. (2016). Michigan Beach Monitoring Year 2015 Annual Report. Lansing, MI: Michigan Department of Environmental Quality, Water Resources Division, Surface Water Assessment Section, May 2016.
4. **Wisnieski L.**, Strane D., Anderson B., Wahl R., and Garcia E. (2016). Disparities in Michigan's Asthma Burden. Lansing, MI: Michigan Department of Health and Human Services, Lifecourse Epidemiology and Genomics Division, Chronic Disease Epidemiology Section, 2016.
5. **Wisnieski L.** (2015). Prevalence of Asthma-Related Health Conditions among Michigan Children with Current Asthma: Estimates from the Michigan Asthma Call-Back Survey, 2011-2013 Combined. Lansing, MI: Michigan Department of Health and Human Services, Lifecourse Epidemiology and Genomics Division, Chronic Disease Epidemiology Section, August 2016.
6. **Wisnieski L.**, Anderson B., and Wahl R. (2015). Michigan Asthma Hospitalization Surveillance Brief. Lansing, MI: Michigan Department of Health and Human Services, Lifecourse Epidemiology and Genomics Division, Chronic Disease Epidemiology Section, August 2015

### **INSTITUTIONAL SERVICE:**

2024-	Research Advancement Mentorship Program (RAMP), Lincoln Memorial University
2024-	Master of Veterinary Biomedical Science Admissions Committee, College of Veterinary Medicine, Lincoln Memorial University
2024	Veterinary Admissions Interview Taskforce, College of Veterinary Medicine, Lincoln Memorial University
2023-	Research Committee, Chair, College of Veterinary Medicine, Lincoln Memorial University
2022	Member of the planning committee for the Research Seminar Series, a series of workshops and seminars that provide research training to faculty
2021	Inclusive Excellence Committee, College of Veterinary Medicine, Lincoln Memorial University
2021	Interprofessional Educational Steering Committee, College of Veterinary Medicine, Lincoln Memorial University
2020-	Research Committee, College of Veterinary Medicine, Lincoln Memorial University
2018-2019	Committee on Graduate Studies and Research, College of Veterinary Medicine, Michigan State University

## **OTHER SERVICE:**

2025                National Science Foundation (NSF) Reviewer  
2022-2023        Tri-State Doggie Olympics planning committee in support of local shelters, College of Veterinary Medicine, Lincoln Memorial University

## **PEER REVIEW**

2024-              Journal of Veterinary Medical Education  
2022-              Journal of Dairy Science  
2022-              PLOS ONE  
2022-              Frontiers in Veterinary Science  
2021-              Research in Veterinary Science  
2021-              Italian Journal of Animal Science  
2021-              Animals  
2020-              Journal of Dairy Research  
2020-              Preventive Veterinary Medicine  
2020-              Scientific Reports  
2019-              Journal of Veterinary Medical Science  
2018-              Antioxidants

## **CERTIFICATIONS**

Epi Interactive RShiny Masterclass: 2024

Canvas Accessibility and Inclusive Design Course: 2024

University of Washington 9th Summer Institute in Statistics for Big Data: 2023

Companions and Animals for Reform and Equity Bronze Level Badge: 2023

Veterinary Educator Teaching Seminar Series certificate: 2022.

University of Washington 13th Summer Institute in Statistics and Modeling in Infectious Diseases (SISMID): 2021

## **SKILLS**

- SAS, R, SPSS, and STATA statistical programming
- Sample size and power calculations
- Descriptive analyses
- Structural equation modeling
- Predictive modeling
- Machine learning models
- Big Data
- Regression, ANOVA, and their variations
- Survey design and validation
- Data cleaning

- RShiny dashboards
- Statistical consulting