

Meghan Wulster-Radcliffe
University of Kentucky
M-G College of Agriculture, Food and Environment
N-212 Ag Science North Bldg
Lexington, KY 40546-0091
Email: mcwu222@uky.edu

Education

- Ph.D. Virginia Tech. Animal Science: Reproductive Physiology. Preceptors: G.S. Lewis and R.G. Saacke. Dissertation Title: The mechanism of action of exogenous PGF_{2α} in the clearance of nonspecific uterine infections in sheep and pigs. April 2000.
- M.S. Virginia Tech. Animal Science: Reproductive Physiology. Preceptor: G.S. Lewis. Thesis Title: Estradiol-17B-oxytocin induced cervical dilation in sheep: Application to transcervical embryo transfer. July 1997.
- B.S. University of Wisconsin-Madison. Natural Science, Meat and Animal Science. Dean's Honor List, Certificate of Achievement: Biocore Honors Program. May 1995.

Professional Experience

- University of Kentucky, Director of Strategy for Equine Initiatives. June 2023-present.
- Purdue for Life Foundation, Director, Industry Partnership-Agriculture. March 2023-July 2023.
- American Society of Animal Science, Champaign, IL. Chief Executive Officer. March 2006-March 2023.
- Eli Lilly and Company, Indianapolis, IN. Senior Scientific Communications Associate. July 2004-March 2006.
- Purdue University, West Lafayette, IN. Visiting Scientist. March 2003-July 2004.
- Bioanalytical Systems, West Lafayette, IN. Director of Laboratory Animal Research. April 2002-March 2003.
- Fort Dodge Animal Health, Princeton, NJ. Product Development Manager. August 2001-April 2002.
- USDA Sheep Experiment Station, Dubois, ID Cat 3 Scientist. June 2000-August 2001.

Academic Interests

STEM Education

Non-formal Education/Extension

Equine Science

Companion Animal Science

Physiology/Endocrinology/Immunology/Reproductive Physiology

Business Management in Equine or Companion Animal Enterprises

Disaster Planning

Awards

2023: Distinguished Service to the American Society of Animal Science
2023: Distinguished Service to the Midwest Section of the American Society of Animal Science
2022: Distinguished Service to the Argentinian Association of Animal Production
2018: Distinguished Service to the Mexican Association of Animal Production
2016: 10 Year Service Award to the American Society of Animal Science
2006: Eli Lily Team Leadership Award for Yentreve

Professional Development

- Introduction to Drug Metabolism, University of Wisconsin – Madison, May 2002.
- Executive Director Training, Institute for Conservation Leadership, ICL, 2007.
- Executive Director Management School, Columbia University, 2011.
- Executive Leadership Training, University of Kentucky, 2024.

Academic Quantitative Indicators

Refereed journal articles	44
Theses/dissertations supervised/co-supervised	0
Refereed abstracts	27
Refereed proceedings papers	3
Trade magazines/web-based articles	Over 50
Authorship of children's magazine	65 issues
Creation and launch of journals	2
TOTAL PUBLICATIONS	187
Presentations: Named lectures	2
Presentations: Academic events	9
Presentations: Industry events	96
Presentations: Webinars and podcasts	3
TOTAL PRESENTATIONS	110
Research funding: UKY PI or UKY co-PI	\$1,899,183

Organization of Scientific and Industry Meetings:

18 National/ International meetings attendance ranging from 900 to 5000.

72 Regional or Sectional meetings attendance ranging from 100 to 2500.

7 International, countries included China, Argentina and Mexico, attendance ranged from 90 to 900

4 Research priority setting committees

Service to Scientific Societies

ASAS Executive Committee, 2006-2023

ASAS Overall Program Committee, 2006-2023

ASAS Public Policy Committee, 2006-2024

ASAS Publications Committee, 2006-2023

ASAS Communications Committee, 2006-2023

ASAS Finance Committee, 2006-2023

ASAS DEI Committee, 2018-2023

ASAS Membership Committee, 2006-2023

ASAS Regional Committees, 2006-2023

ASAS Equine Program Committee, 2023-2026

EAAP Publications Committee, 2021-2024

EAAP Overall Programming Committee, 2021-2023

AAPA Overall Programming Committee, Various

CAAV Overall Programming Committee, 2008-2009

Service to Academic Journals

ASAS Publications Committee

Created and launched Animal Frontiers

Created and launched Translational Animal Science

Served as reviewer and/or on the editorial board of *Journal of Animal Science*, *Translational Animal Science*, *Animal Frontiers*, *animal*, *Animals*, *Canadian Journal of Animal Science*, *Livestock Science*, *Journal of Dairy Science*

Teaching Record

- **Creation and implementation, University of Kentucky.** Certificate of Companion Animal Studies. 2024-2025.
- **Adjunct faculty, Ivy Tech State College, Physiology Instructor.** 2003 to 2007.
- **Teaching Assistant, Virginia Tech, Reproductive Physiology Teaching Assistant.** Responsibilities included: preparing and teaching all laboratories for the semester,

maintaining grades for the class, administering and grading quizzes and tests, and tutoring students for class and lab. Spring Semesters 1996 to 2000.

- **Teaching Assistant, Virginia Tech, Anatomy and Physiology Teaching Assistant.**
Responsibilities included: preparing and teaching laboratories for the semester, maintaining grades for the class, administering and grading quizzes and tests, tutoring students for class and lab and coordinating between teaching assistants of other laboratories. Fall Semesters 1996-2000.
- **Teaching Assistant, Virginia Tech, Sheep Production.**
Responsibilities included: preparing and teaching all laboratories for the semester, administering exams, and tutoring students for class and lab. Spring Semester 1999.

Publications: Refereed Publications: Original Research, Reviews, and Editorials

1. Wulster-Radcliffe, M.C., J.N. MacLeod, R.J. Coleman, J.S. Radcliffe, R. B. Epps, C. Hanley, C. Summers, S.A. Zinn and S.A. Reed, 2025. Hiring expectations for new and future workers in animal genetics careers. *Natural Sciences Education*. (submitted).
2. Wulster-Radcliffe, M.C., S.A. Reed, J.N. MacLeod, R. B. Epps, J.S. Radcliffe, R.J. Coleman, and S.A. Zinn. 2025. Using an animal interest method as a gateway to a one health educated pipeline. *Animal Frontiers*. (In press).
3. Radcliffe, J.S., D.K. Aaron, J. Sterle, M.G. von Keyserlingk, N. Irlbeck, M. Maquivar, M.C. Wulster-Radcliffe, and C. Jones. 2020. Moving online: roadmap and long-term forecast. *Animal Frontiers*. 10:3:36-45.
4. Smyth, S., J. Entine, R. MacDonald, C. Ryan and M.C. Wulster-Radcliffe. 2020. The importance of Communicating Empirically Based Science for Society. CAST Commentary. 1-28.
5. Hamernik, D.L., M.C. Wulster-Radcliffe, and S. Zinn. 2020 ASAS celebrates 10 years of publishing *Animal Frontiers: The Review Magazine of Animal Agriculture*. *Animal Frontiers*. 10:3:3.
6. Wulster-Radcliffe, M.C., D. L. Hamernik, L. Reynolds, G.S. Lewis, S. Zinn. 2015. Scientific publications: From the stone tablet to the electronic tablet. *Animal Frontiers*. 2015: 5:3:45-52.
7. Wulster-Radcliffe, M.C. 2015. Annual scientific meetings of the future. *Animal Frontiers*. 2015: 5:36-38.
8. Reynolds, L.P., M.C. Wulster-Radcliffe, D.K. Aaron and T.A. Davis. 2015. Importance of Animals in Agricultural Sustainability and Food Security. *J. of Nutrition*. 145:1377-9.
9. Lewis, G.S. and M.C. Wulster-Radcliffe. 2014. Predators and impersonators: A new breed of journals. *Animal Frontiers*. 4:46.
10. Wulster-Radcliffe, M.C. 2012. American Meat Science joins the *Animal Frontiers* family. *Animal Frontiers*. 2:4:5.
11. Golden, B.L., M.E. Benson, M.C. Wulster-Radcliffe, M. McCurry Schmidt, and D.L. Hamernik. 2012. Letter to Editor: Innovative approaches and culture changes to meet the challenge of funding livestock research, education and outreach, *J. Anim. Sci*. 90:4161.
12. Reynolds, L.P., M.E. Benson, M.C. Wulster-Radcliffe, and D.L. Hamernik. 2012. Letter to the Editor: Animal scientists urge NIH and USDA-NIFA to continue Dual Purpose with Dual Benefit program. *J. Anim. Sci*. 90:4161.

13. Wulster-Radcliffe, M.C. 2011. Editorial: American Meat Science Association joins the *Animal Frontiers* family. *Animal Frontiers*. 2:4:5.
14. Wulster-Radcliffe, M.C. and A. Rosatti. 2011. Editorial: Multiple international launches: The United States, Europe and South America. *Animal Frontiers*. 2: 5.
15. Wulster-Radcliffe, M.C. and S.A. Zinn. 2011. Editorial: An introduction to Animal Frontiers. An uphill climb. *Animal Frontiers* 1:3.
16. Wulster-Radcliffe, M.C. and L.P. Reynolds. 2008. Editorial: The new "Perspectives" subsection of the Journal of Animal Science will initially highlight centennial papers. *J. Anim. Sci.* 86:1709-1710.
17. Lin, A.T., M.J. Sun, H.L. Tai, Y.L. Chuang, S.T. Huang, N. Wang, Y.D. Zhao, M.C. Wulster-Radcliffe, L. Levine, C. Chang, and L. Viktrup. 2008. Duloxetine versus placebo for the treatment of women with stress predominant urinary incontinence in Taiwan: a double-blind randomized, placebo-controlled trial. *BMC Urol.* 8:2.
18. Lewis, G.S., M.C. Wulster-Radcliffe, and J.H. Herbein. 2008. Fatty acid profiles, growth and immune responses of neonatal lambs fed milk replacer and supplemented with fish oil or safflower oil. *Small Ruminant Research*. 79:2-3:167-173.
19. Gahimer, J., J Wernicke, I. Yalcin, M.J. Ossanna, M.C. Wulster-Radcliffe, and L. Viktrup. 2007. A retrospective pooled analysis of duloxetine safety in 23,983 subjects. *Current Medical Research Opinions*. 1:175-184.
20. Mah, S.Y., K.S. Lee, M.S. Choo, J.T. Seo, J.Z. Lee, W.H. Park, J.C. Kim, S.Y. Lee, Y.D. Zhao, J. Beyrer, M.C. Wulster-Radcliffe, L. Levine, and L. Viktrup, 2006. Duloxetine versus placebo for the treatment of Korean women with stress predominant urinary incontinence. *Korean Journal of Urology*. 47:527-535.
21. Lewis, G.S. and M.C. Wulster-Radcliffe. 2006. Prostaglandin F2alpha upregulates uterine immune defenses in the presence of the immunosuppressive steroid progesterone. *Am J Reprod Immunol*. 56:102-11.
22. Deutchman, M. and M.C. Wulster-Radcliffe. 2005. Stress urinary incontinence in women: diagnosis and medical management. *MedGenMed*. 7:62. Review.
23. Wernicke, J.F., J. Gahimer, I. Yalcin, M.C. Wulster-Radcliffe, and L. Viktrup. 2005. Safety and adverse event profile of duloxetine. *Expert Opin Drug Saf.* 4:987-93.
24. Wulster-Radcliffe, M.C., and M. E. Spurlock. 2005. Adiponectin suppresses proliferation and proinflammatory cytokine production in THP-1 monocytes, and induces caspase 3/7 activity. *Adipocytes* 1:35-42.
25. Wulster-Radcliffe, M.C., R.C. Seals, and G.S. Lewis. 2005. Uterine response to multiple inoculations with *Escherichia coli* and *Arcanobacterium pyogenes* in nulliparous ewes. *Amer. J. Reprod. Immunol.* 54:249-261.
26. Zhu, Y., H. Chiang, M.C. Wulster-Radcliffe, R. Hilt, P. Wong, C.B. Kissinger, P.T. Kissinger. 2005. Liquid chromatography/tandem mass spectrometry for the determination of carbamazepine and its main metabolite in rat plasma utilizing an automated blood sampling system. *J Pharm Biomed Anal.* 38:119- 25.
27. Deutchman, M. and M.C. Wulster-Radcliffe. 2005. Stress urinary incontinence in women: diagnosis and medical management. *MedGenMed*. 7:62. Review.
28. Wernicke, J.F., J. Gahimer, I. Yalcin, M.C. Wulster-Radcliffe, and L. Viktrup. 2005. Safety and adverse event profile of duloxetine. *Expert Opin Drug Saf.* 4:987-93.
29. Cleale, R.M., K.B. Hart, D.E. Hutchens, E. G. Johnson, A. J. Paul, L.L. Smith, C. Tucker, T.A. Yazwinski, M.E. Descher, S.T. Grubbs, M. Wulster-Radcliffe, and D.M. Amodie.

2004. Effects of subcutaneous injections of a long acting moxidectin formulation in grazing beef cattle on parasite fecal egg reduction and animal weight gain. *Veterinary Parasitology*. 126:325-338.
30. Gurney, J., N. Philbin, J. Rice, F. Arnaud, Fi. Dong, M. Wulster-Radcliffe, L.B. Pearce, L. Kaplan, R. McCarron, and D. Freilich. 2004. A hemoglobin based oxygen carrier, bovine polymerized hemoglobin (HBOC-201) versus hetastarch (HEX) in an uncontrolled liver injury hemorrhagic shock swine model with delayed evacuation. *J. Trauma*. 57:726-738.
 31. Wulster-Radcliffe, M.C., K. Ajuwon, J. Wang, J.A. Christian, and M. Spurlock. 2004. Adiponectin differentially regulates pro- and anti-inflammatory cytokine in porcine macrophages. *BBRC* 316:924-929.
 32. Wulster-Radcliffe, M.C. and G.S. Lewis. 2004. Transcervical artificial insemination in sheep: Effects of a new transcervical artificial insemination instrument and traversing the cervix on pregnancy and lambing rates. *Theriogenology*. 66:990-1002.
 33. Xie, F., M. Wulster-Radcliffe, R. Hilt, C. B. Kissinger, and P.T. Kissinger. 2004. Determination of naringenin in rat plasma with the Culex □□ automated blood sampler coupled with liquid chromatography/electrochemistry. *Asian Journal of Drug Metabolism and Pharmacokinetics*. 4:29-33.
 34. Grubbs ST, D. Amodie, D. Rulli, M. Wulster-Radcliffe, C. Reinemeyer, T. Yazwinski, C. Tucker, D. Hutchens, L. Smith, and D. Patterson. Field evaluation of moxidectin/praziquantel oral gel in horses. *Vet Ther*. 2003 Fall;4(3):249-56.
 35. Seals, R.C., M.C. Wulster-Radcliffe, and G.S. Lewis. 2003. Uterine response to infectious bacteria in estrous cyclic ewes. *Amer. J. Reprod. Immun.* 49:269-278.
 36. Wulster-Radcliffe, M.C., R.C. Seals, and G.S. Lewis. 2003. Progesterone increases susceptibility of gilts to uterine infections after intrauterine inoculation with infectious bacteria. *J. Anim. Sci.* 81:1242-1252.
 37. Wulster-Radcliffe, M.C., and G.S. Lewis. 2002. Development of a new transcervical artificial insemination method for sheep: Effects of a new transcervical catheter and traversing the cervix on semen quality and fertility. *Theriogenology*. 58:1361-1371.
 38. Seals, R.C., M.C. Wulster-Radcliffe, and G.S. Lewis. 2001. Modulation of the uterine response to infectious bacteria in postpartum ewes. *Amer. J. Reprod. Immun.* 47:57-64.
 39. Stellflug, J.N., P.G. Hatfield, M.C. Wulster-Radcliffe, and J.W. Walker. 2001. Reproductive performance of ewe lambs from ewes from different selection practices with or without induced estrus. *Anim. Reprod. Sci.* 66:185-193.
 40. Stellflug, J., M. Wulster-Radcliffe, E. Hensley, E. Cowardin, and G. Lewis. 2001. Lambing rates after oxytocin-induced cervical dilation, cervical manipulation, and laparoscopic artificial insemination. *J. Anim. Sci.* 79:568-573.
 41. Wulster-Radcliffe, M.C., M. Williams, J.N. Stellflug, and G.S. Lewis. 2001. Technical note: Artificial vagina versus vaginal collection vial for collecting semen from rams. *J. Anim. Sci.* 79:2964-2967.
 42. Flohr, S.F., M.C. Wulster-Radcliffe, and G.S. Lewis. 1999. Development of a transcervical embryo collection method in sheep. *J. Anim. Sci.* 77:2583-258.
 43. Wulster-Radcliffe, M.C., B.A. Costine, and G.S. Lewis. 1999. Estradiol-17□-oxytocin induced cervical dilation in sheep: application to transcervical embryo transfer. *J. Anim. Sci.* 77:2587-2593.
 44. Lewis, G. S., R. C. Seals, and M. C. Wulster-Radcliffe. 1998. Role of prostaglandins in regulating uterine immune function and susceptibility to postpartum uterine infections. In:

H. Navetat and F. Schelcher (Eds.) Le Nouveau Peripartum. Société Française de Buiatrie. pp 188-199. Paris, France.

Publications: Proceedings Papers

1. Mink, L.E., M.C. Wulster-Radcliffe, and G.S. Lewis. 2002. Ability of the uterus in anestrous ewes to resist infection. *J. Anim. Sci.* 53:3-6.
2. Wulster-Radcliffe, M.C., and G.S. Lewis. 2001. Transcervical artificial insemination in sheep: Effects of a modified transcervical artificial insemination instrument and traversing the cervix. *J. Anim. Sci.* 52:384- 387.
3. Wulster-Radcliffe, M.C., M. Williams, J.N. Stellflug, and G.S. Lewis. 2001. Semen collection from rams. Artificial vagina versus vaginal collection vial. *J. Anim. Sci.* 52:219-222.

Publications: Abstracts

1. Wulster-Radcliffe, M.C., J.N. MacLeod, R. Epps, C. Hanley, J.S. Radcliffe, R. Coleman, S.A. Zinn and S.A. Reed. 2025. Hiring expectations for new and future workers in animal genetics careers. ASAS. (accepted).
2. Higdon, A., M. Wulster-Radcliffe, S. Green, R. Dwyer, K. Williams and M. Morgan. 2025. LADDER: A low-tech game based exercise to strengthen community disaster preparedness for animals. IAEM (accepted).
3. van Milgen, J., I. Ortigues-Marty, G. Bee, M. Wulster-Radcliffe, J. Sartin, T.A. Davis, and P.J. Kononoff. 2023. The responsibilities of authors, readers, and learned societies in animal science publishing. Book of Abstracts of the 74th Annual Meeting of the European Federation of Animal Science. Wageningen, NL: OASES
4. Mulvaney, D., K. Corbitt, L. Randel, K.M. Cammack, R. Cross, E. Davis, T.A. Davis, C. Gambino, G.K. Murdoch, L/P/ Reynolds, P.K. Riggs, D.R. Tolleson, J. Swanson, M.C. Wulster-Radcliffe, S.L. Archibeque. 2023. *Journal of Animal Science*. 101:Suppl 3:121-122.
5. Wulster-Radcliffe, M.C. and M.E. Spurlock. 2004. Adiponectin attenuates the induction by lipopolysaccharide of proinflammatory cytokines in THP-1 monocytes, reduces proliferation and increases caspase 3/7 activity. *Endocrinology*.
6. Wulster-Radcliffe, M.C. J. Wang, J. Christian, and M.E. Spurlock. 2004. Adiponectin attenuates the induction by LPS of proinflammatory cytokines in porcine peripheral blood macrophages and increases the expression of IL-10. *Endocrinology*.
7. Wulster-Radcliffe, M.C. and G.S. Lewis. 2002. Transcervical artificial insemination in sheep: Effects of a modified transcervical artificial insemination instrument and traversing the cervix. *J. Anim. Sci.* 80:Suppl. 1:75.
8. Lewis, G.S. and M.C. Wulster-Radcliffe. 2002. Growth and immune status of orphaned lambs fed milk replacer and supplemented with fish oil or safflower oil. *J. Anim. Sci.* 80:Suppl. 1:76.
9. Mink, L.E., M.C. Wulster-Radcliffe, and G.S. Lewis. 2002. Ability of the uterus in anestrous ewes to resist infection. *J. Anim. Sci.* 53:3.
10. Wulster-Radcliffe, M.C., M. Williams, J.N. Stellflug, and G.S. Lewis. 2001. Semen collection from rams. Artificial vagina versus vaginal collection vial. *J. Anim. Sci.* 52:219.
11. Wulster-Radcliffe, M.C., R.C. Seals, and G.S. Lewis. 2001. Lutalyse alters the immune

- response in sows after intrauterine inoculation with bacteria. *J. Anim. Sci.* 79:Suppl. 1:115.
12. Wulster-Radcliffe, M.C., and G.S. Lewis. 2001. Transcervical artificial insemination in sheep: Effects of a modified transcervical artificial insemination instrument and traversing the cervix. *J. Anim. Sci.* 52:384.
 13. Lewis, G.S., and M.C. Wulster-Radcliffe. 2001. Lutalyse can up-regulate the uterine immune system in the presence of progesterone. *J. Anim. Sci.* 79:Suppl. 1:116.
 14. Wulster-Radcliffe, M.C., R.C. Seals, B.C. Weng, and G.S. Lewis. 2000. Multiple exposures to nonspecific uterine infections change the uterine immune response in nulliparous ewes. *J. Anim. Sci.* 78: Suppl. 1: 2.
 15. Wulster-Radcliffe, M.C., R.C. Seals, and G.S. Lewis. 2000. Progesterone down regulates the uterine immune response to infectious bacteria in gilts. *J. Anim. Sci.* 78: Suppl. 1: 202.
 16. Stellflug, J., M. Wulster-Radcliffe, E. Hensley, and G. Lewis. 2000. Lambing rates after oxytocin- induced cervical dilation, cervical manipulation, and laparoscopic artificial insemination. *J. Anim. Sci.* 78: Suppl. 1: 201.
 17. Seals, R.C., M.C. Wulster-Radcliffe, and G.S. Lewis. 2000. Progesterone modulation of the uterine responses to infections in ewes. *J. Anim. Sci.* 78: Suppl. 1: 202.
 18. Cowardin, E. A., A. N. Fenton, J. H. Herbein, M.C. Wulster-Radcliffe, and G. S. Lewis. 2000. Supplementation with fish oil or linoleic acid does not change average daily gain or the immune response in orphaned, milk-fed lambs. *J. Anim. Sci.* 78: Suppl. 2: 6.
 19. Wulster-Radcliffe, M.C., J.L. Bardugone, R.C. Seals, and G.S. Lewis. 1999. Lutalyse changes the immune response in ewes after intrauterine bacterial inoculation. *J. Anim. Sci.* 77: Suppl. 1: 214.
 20. Seals, R.C., M.C. Wulster-Radcliffe, and G.S. Lewis. 1999. Role of prostaglandins in modulating uterine responses to infections in ewes. *J. Anim. Sci.* 77: Suppl. 1: 27.
 21. Seals, R.C., M.C. Wulster-Radcliffe, E.L. Hensley, and G.S. Lewis. 1999. Role of prostaglandins in modulating uterine immune responses in postpartum ewes. *J. Anim. Sci.* 77: Suppl. 1: 214.
 22. Hensley, E.L., M.C. Wulster-Radcliffe, R.C. Seals, and G.S. Lewis. 1999. An estradiol-17 β -oxytocin treatment used to dilate the cervix for embryo transfer in sheep does not affect pregnancy rates. *J. Anim. Sci.* 77: Suppl. 1: 20.
 23. Hensley, E.L., E.A. Cowardin, M.C. Wulster-Radcliffe, R.C. Seals, J.N. Stellflug, V. LaVoie, and G.S. Lewis. 1999. Exogenous oxytocin and cervical manipulation do not affect ovum fertilization rates in sheep. *J. Anim. Sci.* 77: Suppl. 1: 225.
 24. Bardugone, J.L., M.C. Wulster-Radcliffe, R.C. Seals, and G.S. Lewis. 1999. Exogenous oxytocin modulates the immune response in ewes following bacterial inoculation. *J. Anim. Sci.* 77: Suppl.1: 27.
 25. Bardugone, J.L., J. H. Herbein, M. C. Wulster-Radcliffe, and G. S. Lewis. 1999. Fish oil supplementation decreases average daily gain and changes the immune response in orphaned, milk-fed lambs. *J. Anim. Sci.* 77: Suppl. 1: 220.
 26. Flohr, S. F., M. C. Wulster-Radcliffe, and G. S. Lewis. 1998. Development of a transcervical oocyte recovery procedure for sheep. *J. Anim. Sci.* 76: Suppl. 1: 25.
 27. Wulster-Radcliffe, M.C., B.A. Costine, and G.S. Lewis. 1997. Estradiol-17 β -oxytocin induced cervical dilation in sheep: application to transcervical embryo transfer. *J. Anim. Sci.* 75: Suppl. 1: 232.

GRANT FUNDING 2023 FORWARD

Awarded/Completed Grant Funding While at UKY

Grant Number	Agency	Role	Title	Amount	Years
NR233A7500 10G003	USDA-NRCS	PI	Conservation Connections Symposium	\$32,000	July 2023- January 2025
USDA 2023- 11839	USDA-EWD- FANE	PD Co-PI	Saddle to STEM: Community-distributed, youth-targeted, equine-based educational opportunities for application in animal agriculture	\$750,000	Sept. 2024- Aug. 2027
	USDA-Smith Lever	Co-PI	Disasters Don't Stand a Chance: Gamifying Community Preparedness	\$195,276	Sept. 2024- Aug. 2026
	Gatton Gift Grand Challenge	Co-PI	Canine Research & Engagement (CaRE)	\$148, 943	Apr. 2025- Mar. 2026
2024	USDA- APHIS- NADPRP	PD Co-PI	Biosecurity Blueprint: Safeguarding Horses, Poultry, and Livestock	\$499,964	May 2025- April 2026
2025	USDA-VSGP	PD Co-PI	A Collaborative Effort to Recruit Students and Retain Food and Large Animal Veterinary Practitioners in Veterinary Shortage Situations in Alabama and Kentucky	\$250,000	Sept. 1, 2025-Aug. 31, 2028

Paid Programmatic Funding

Funding Source	Role	Program	Amount	Years
UniLaSalle	Primary Organizer	MESB Program	\$26,100	April 2025
			\$26,100	