

CONTACT

University of Wyoming
Department of Agricultural and Applied Economics
Dept. 3354, 1000 E. University Ave., Laramie, WY 82071-3354
267-718-9662, robert.l.ziegler@gmail.com

EDUCATION

2020 Masters of Science, University of Nebraska – Lincoln, Lincoln, Nebraska
2018 Bachelor of Science, University of Wyoming, Laramie, Wyoming

ACADEMIC POSITIONS

2024- Livestock Production & Marketing Specialist, Agriculture Economics,
Department of Agricultural and Applied Economics, University of Wyoming

OTHER POSITIONS

2020-2024 Customer Technical Communication Specialist, Individual Animal
Management and Performance Enhancement Product Protocol Teams,
Telus Agriculture, Okotoks, Alberta
2018-2020 Graduate Research Assistant, Ruminant Nutrition, Department of Animal
Science, University of Nebraska – Lincoln, Lincoln, Nebraska
2017-2018 Undergraduate Research Assistant, Reproductive Physiology, Department
of Animal Science, University of Wyoming, Laramie, Wyoming
2016-2017 Laboratory Technician, Diagnostic Serology, Wyoming State Veterinary
Laboratory, Laramie, Wyoming
2002-2012 Farm Hand, Westfield Lane Farms, Telford, Pennsylvania

CURRENT JOB DESCRIPTION

2024- __% Teaching __% Research 100% Service __% Administration

PUBLISHED WORKS

Books:

Book Chapters:

Refereed Journal Articles: **(6 Listed)**

- (6) King, T.M., J. A. Musgrave, J. K. Beard, R. L. Ziegler, N. M. Woita, S. L. Boerman, J. L. Nollette, J. C. MacDonald, J. T. Mulliniks. 2023. Effects of type of glucogenic feed additive on reproductive performance of young postpartum range cows. *Applied Animal Science*. 39:6 502-509
- (5) Sutton C. M., R. L. Ziegler, K. J. Austin, B. M. Alexander. 2023. Expression of TRPM8 in sheep reproductive tissues and brain areas important for the expression of reproductive behavior. *Physiology & Behavior*. 270:
- (4) Rowell, J. E., J. E. Blake, K. M. Roth, M. P. Shipka, C. M. Sutton, C. C. Sachse, A. E. Cupp, T. W. Geary, A. L. Zezeski, R. L. Ziegler, B. M. Alexander. 2022. Medroxyprogesterone Acetate in reindeer bulls: testes histology, cfos activity in the brain, breeding success, and

- semen quality. *Journal of Animal Science*. 100:6. <https://doi.org/10.1093/jas/skac106>
- (3) Ziegler, R. L., J. A. Musgrave, T. L. Meyer, E. J. Dennis, J. C. MacDonald, K. J. Hanford, R. N. Funston, J. T. Mulliniks. 2020. The impact of cow size on cow-calf and post-weaning progeny performance in Nebraska Sandhills. *Translational Animal Science*. 4:4. doi: 10.1093/tas/txaa194
- (2) Ziegler, R. L., Austin, K. J., Blake, J. E., Rowell, J. E., Cupp, A. S., Shipka, M. P., Alexander, B. M. 2018. Depo-Provera increases neural activity in the central amygdala of reindeer bulls. *Translational Animal Science*. 2: 1, 94. <https://doi.org/10.1093/tas/txy075>
- (1) Sutton, C. M., Ziegler, R. L., Austin, K. J., Alexander, B. M. 2018. Quantitative comparison of TRPM8 positively stained neurons in the hypothalamus and amygdala of rams categorized behaviorally as low or high sexual performers. *Translational Animal Science*. 2:1, 173-174. <https://doi.org/10.1093/tas/txy021>

Proceedings/Abstracts/Posters Published: **(2 Listed)**

- (2) Ziegler R. L., J. A. Musgrave, T. L. Meyer, R. N. Funston, K. Hanford, J. C. MacDonald, J. T. Mulliniks. 2020. 405 WS Young Scholar Talk MS |: The impact of cow size on cow-calf and post-weaning progeny performance in the Nebraska Sandhills. *Journal of Animal Science*. 98:4, 200-201
- (1) Ziegler, R. L., K. J. Austin, J. E. Blake, J. E. Rowell, A. S. Cupp, M. P. Shipka, B. M. Alexander. 2018 Depo-Provera increases neural activity in the central amygdala of reindeer bulls. *Translational Animal Science*. 2:1. doi.org/10.1093/tas/txy075

Cooperative Extension and Research Station Bulletins:

Cooperative Extension Fact Sheets and Reports: **(2 Listed)**

- (2) Ziegler R. L., E. J. Dennis, J. A. Musgrave, T. L. Meyer, R. N. Funston, K. J. Hanford, J. C. MacDonald, J. T. Mulliniks. 2022. Impact of Cow Xize on Economic Profitability in Cow-Calf and Feedlot Production Systems. *Nebraska Beef Reports*. 6-9
- (1) Ziegler R. L., T. J. Mulliniks. 2019. Tips to Improve Cow Performance While Consuming Low- quality Forages. <https://beef.unl.edu/beefwatch/tips-improve-cow-performance-while-consuming-low-quality-forages>

Popular Press and Newsletter Articles: **(1 Listed)**

- (1) Ziegler, R. L., J. T. Mulliniks. 2020. Post-calving nutrition and reproductive performance. *Progressive Cattle*. <https://www.agproud.com/articles/53716-post-calving-nutrition-and-reproductive-performance>

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

Membership in Professional Societies **(1 Listed)**

- (1) October 2023. “Canadian Cattle Young Leaders Program.”

Manuscript Refereeing

Graduate Student Committees

Outside Packet Reviews

HONORS AND AWARDS (4 Listed)

- (4) June 2020. "American Society of Animal Science Western Section Young Scholar Award."
- (3) May 2019. "Larrick/Whitmore Graduate Student Travel Grant Recipient."
- (2) August 2018. "Competitive Graduate Assistantship to University of Nebraska-Lincoln."
- (1) April 2018. "Wyoming State Veterinary Laboratory Achievement Award."

PAPERS PRESENTED/SYMPOSIA/INVITED LECTURES/PROFESSIONAL MEETINGS/WORKSHOPS

COMMITTEES

International Committees

National Committees (1 Listed)

- (1) 2024- . Livestock Marketing Information Center - Technical Advisory Committee. Representative

Regional Committees (1 Listed)

- (1) 2017-2020. American Society of Animal Science Western Section. Member

State Committees (1 Listed)

- (1) 2016-2018. Wyoming Stock Growers Association. Member

University Committees

College Committees (2 Listed)

- (2) 2018-2020. IANR Graduate Committee Animal Science Student Representative
- (1) 2016-2018. University of Wyoming College of Agriculture and Natural Resources Student Ambassador. 2018 Chair

Departmental Committees

OTHER ACTIVITIES/ACCOMPLISHMENTS

Off-Campus/Non-Credit Courses

Selected Extension Programs Coordinated/Offered (not listed above) (4 Listed)

- (4) May 2024. Albany County Cattlewomen – "Invited Meet & Greet." Laramie, Wyoming.
- (3) March 2024. University of Wyoming College of Agriculture, Life Sciences and Natural Resources. "Fifteen Minutes on Mentorship." Laramie, Wyoming.
- (2) December 2019. "Nutritional management of the cowherd from weaning to calving for increased success post-calving." Atkinson, Nebraska.
- (1) August 2019. "Gudmundsen Sandhills Laboratory Open House." Whitman, Nebraska.