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EDUCATION

Ph.D.	Texas A&M University	August 2018	Animal Breeding
M.S.	Texas A&M University	May 2015	Animal Breeding
B.S.	Louisiana Tech University	May 2012	Animal Science
NDS	Tyler Junior College	2006-2008	H.S. Dual-Enrollment

EMPLOYMENT HISTORY

Academic

2023-Present	Instructional Assistant Professor, Department of Animal Science and Veterinary Technology Texas A&M University-Kingsville
2023	Lecturer, Department of Animal Science and Veterinary Technology Texas A&M University-Kingsville
2018-2022	Assistant Professor, Department of Agriculture and Natural Resources University of Minnesota Crookston
2014-2018	Graduate Teaching Assistant, Texas A&M AgriLife Texas A&M University
May 2017- June 2017	Visiting Scholar, Department of Animal Sciences North Dakota State University
May 2016- August 2016	Visiting Scholar, Department of Animal Sciences North Dakota State University

Non-Academic

May 2012 - May 2013	Veterinary Assistant North Tyler Veterinary Clinic
June 2011- August 2011	Veterinary Assistant North Tyler Veterinary Clinic
June 2010- August 2010	Veterinary Assistant North Tyler Veterinary Clinic

LIST OF COURSES TAUGHT

Texas A&M University-Kingsville – Lecturer/Instructional Assistant Professor

AGRI 3372	Contemporary Issues (WI)
ANSC 1211	Preparation for Animal Ag
ANSC 1419	Introduction to Animal Science
ANSC 2310	Livestock Mgmt Techniques
ANSC 4395	Problems in Animal Science

University of Minnesota Crookston – Assistant Professor

ANSC 1004	Introduction to Animal Science
ANSC 1101	Animal Evaluation – General Livestock
ANSC 1201	Advanced Animal Evaluation – General Livestock
ANSC 1803	Directed Studies
ANSC 3004	Livestock Facilities and Environmental Systems
ANSC 3023	Animal Breeding
ANSC 3204	Dairy Production
ANSC 3450	Special Topics: Equine Genetics
ANSC 3994	Undergraduate Research
ANSC 4204	Animal Systems Management
GNAG 3203	Ag Products and Processing
GNAG 3804	Individual Studies
HON 4030	Honors Essay, Research, or Creative Project
NATR 3994	Undergraduate Research

Texas A&M University – Graduate Teaching Assistant

ANSC 108	General Animal Science
ANSC 305	Animal Breeding
ANSC 406	Beef Cattle Production
ANSC 613	Quantitative Genetics
ANSC 685	Prediction of Genetic Merit

Louisiana Tech University – Undergraduate Teaching Assistant

ANSC 309	Anatomy and Physiology of Animals
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PUBLICATIONS

Refereed Journal Articles

Gadde, N., A. Anoruo, B. Turner, P. Holland, and S. Nelson. **2025**. Using Roma tomato to study the limits of deficit irrigation. *Int. J. Appl. Agric. Sci.* 11(4). doi: 10.11648/j.ijaas.20251104.12

Meagher, M. L., A. O. Anoruo, B. L. Turner, **P. W. Holland**, S. D. Nelson, and M. C. Donato-Molina. **2024**. Patch growth of seashore paspalum (*Paspalum vaginatum*) treated with inorganic fertilizer and organic biostimulant. *Open J. Environ. Biol.* 9(1): 010-014. doi: 10.17352/ojeb.000041

Hulsman Hanna, L. L., J. B. Taylor, **P. W. Holland**, K. A. Vonnahme, L. P. Reynolds, and D. G. Riley. **2023**. Effect of ewe birth litter size and estimations of genetic parameters on ewe reproductive life traits. *Animal*. 17(8). doi: 10.1016/j.animal.2023.100900.

- Animal Highlighted Article – August 2023
Hulsman Hanna, L. L., J. B. Taylor, **P. W. Holland**, K. A. Vonnahme, L. P. Reynolds, and D. G. Riley. **2023**. Seeking an optimum litter size in sheep. *Animal Highlighted*

Article – August 2023. <https://www.sciencedirect.com/journal/animal/about/highlighted-articles/animal-highlighted-article-august-2023>

Nonrefereed Articles

Hulsman Hanna, L. L., **P. W. Holland**, J. S. Delgadillo Liberona, and D. G. Riley. 2017. Understanding genetic defects in Black Herefords. The American Black Hereford. Editor: B. Chism. American Black Hereford Association, Bowling Green KY. 2(4):12-14.

Referred Abstracts

Holland, P. W., L. L. Hulsman Hanna, K. A. Vonnahme, L. P. Reynolds, J. B. Taylor, and D. G. Riley. 2018. Genetic parameters for lamb mortality associated with pneumonia. J. Anim. Sci. 96(1):1. doi: 10.1093/jas/sky027.002.

Scienski, K. **P. W. Holland**, J. O. Sanders, D. G. Riley, and C. A. Gill. 2016. Characterization of a region within bovine chromosome 6 associated with gray coat color in a Nellore-Angus cross. J. Anim. Sci. 94(4):141. doi: 10.2527/jas2016.94supplement4141a

Holland, P. W., C. A. Gill, A. D. Herring, J. O. Sanders, and D. G. Riley. 2016. Identification of the regions of the bovine genome associated with gray coat color in a Nellore-Angus cross population. J. Anim. Sci. 94(1):5. doi: 10.2527/ssasas2015-009

Refereed proceedings

Holland, P. W., L. L. Hulsman Hanna, K. A. Vonnahme, L. P. Reynolds, J. B. Taylor, and D. G. Riley. 2017. Estimation of genetic parameters and effects of birth type, sex, and age of dam on lamb mortality. Proceedings, American Society of Animal Science Western Section Meeting. 69:172-174. doi: 10.2527/asasws.2017.0023.

PRESENTATIONS

International - refereed

Scienski, K. **P. W. Holland**, J. O. Sanders, D. G. Riley, and C. A. Gill. “*Characterization of a region within bovine chromosome 6 associated with gray coat color in a Nellore-Angus cross*”.

- International Society for Animal Genetics Conference. *Poster presentation*. July 23-27, 2016. Salt Lake City, UT.

Regional - refereed

Holland, P. W., L. L. Hulsman Hanna, K. A. Vonnahme, L. P. Reynolds, J. B. Taylor, and D. G. Riley. “*Genetic parameters for lamb mortality associated with pneumonia*”.

- Southern Section of the American Society of Animal Science Meeting. *Oral presentation*. February 3-6, 2018. Fort Worth, TX.

Holland, P. W., L. L. Hulsman Hanna, K. A. Vonnahme, L. P. Reynolds, J. B. Taylor, and D. G. Riley. “*Estimation of genetic parameters and effects of birth type, sex, and age of dam on lamb mortality*”.

- Western Section of the American Society of Animal Science Meeting. *Oral presentation*. June 20-23, 2017. Fargo, ND.

Holland, P. W., C. A. Gill, A. D. Herring, J. O. Sanders, and D. G. Riley. “*Identification of the regions of the bovine genome associated with gray coat color in a Nellore-Angus cross population*”.

- Southern Section of the American Society of Animal Science Meeting. *Oral presentation*. February 6-9, 2016. San Antonio, TX.

Local - nonrefereed

Letourneau, B., T. Bradford, L. King, and **P. Holland**. “Comparing stress in weaning beef cattle”.

- University of Minnesota Crookston Research Day. *Poster presentation. April 2024. Crookston, MN.*

Anderson, M. and **P. W. Holland**. “Jealousy in horses”.

- University of Minnesota Crookston Research Day. *Oral presentation. May 2021. Crookston, MN.*

Lacher, M. and **P. W. Holland**. “Effect of dominance and temperament on average daily gain in the University of Minnesota Crookston’s goat herd”.

- University of Minnesota Crookston Research Day. *Oral presentation. May 2021. Crookston, MN.*

RESEARCH AND SCHOLARLY ACTIVITIES

Funded Grants

Bliss, E., M. Blumhardt, and **P. W. Holland**. *Presence of parasites and efficacy of anthelmintics in UMC’s sheep and goat herds*. 2019.

Role: Faculty PI for Crookston Student Research/Creative Works

Funding Source: University of Minnesota Crookston

Amount: \$3,300

Proposals Submitted But Not Funded

“Breed-of-origin assignment: Implementation and evaluation in multi-breed cattle genomic evaluations”

Role: Key personnel (non-PI)

Co-PIs: L. L. Hulsman Hanna, R. L. Fernando, and D. G. Riley

Submitted: USDA-NIFA Agricultural and Food Research Initiative (AFRI)

Date: July 11, 2019

Amount: \$500,000

Other Juried Activities

2018 Photograph used in: North Dakota Beef Report

North Dakota State University

PROFESSIONAL GROWTH AND ACTIVITIES

Membership in professional societies

American Society of Animal Science

Gamma Sigma Delta

Journal Reviewer

2020, Livestock Science

2017, BMC Genomics

Professional society meetings

June 2019, American Society of Animal Science Western Section

February 2018, American Society of Animal Science Southern Section

January 2018, International Livestock Forum

June 2017, American Society of Animal Science Western Section

June 2017, WERA-1: Coordinating Beef Cattle Breeding Research and Educating Programs for the Western States – Multistate Research Coordinating Committee and Informational Exchange Group
February 2016, American Society of Animal Science Southern Section

Professional development/trainings

June 2025, New World Screwworm Webinar
November 2024, Blackboard Ultra Migration Training
November 2024, Sustainable Cattle Workshop
October 2024, Leveraging the Power of AI for Faculty: Ideas for Integrating AI Tools in the Classroom
August 2024, Have a Nice Class: Research-Based Practices in Instruction
August 2024, Understanding Today's Learners
May 2023, FERPA training
March 2023, Grant Award Management training
January 2023, Learning Huddle/Interactive Learning Classrooms training
October 2022, Professional Development: "Building Traditions"
August 2022, Retention Initiatives
August 2022, Classroom Media Best Practices
May 2022 & 2021, Summer Orientation, Advising, and Registration (SOAR) training
March 2022 & August 2018, APLUS training
February 2021, Professional Development: "Inclusive Learning"
February 2021, Professional Development: "Being Live Online"
August 2020, Advancing Our Scholarly Agenda Through Community Engaged Scholarship
October 2019, Professional Development: "Creating and Maintaining a Respectful Workplace"
August 2019, Predatory Publishers
August 2019, "New" APAS training
August 2019, Faculty Media 101 training
February 2019, Professional Development: "Generation Z: Plan for today and prepare for tomorrow"
January 2019, Institutional Animal Care and Use Committee (IACUC): Establishing course protocols
January 2019, University Policies, Procedures, and Paperwork training
January 2019, Safety of Minors training
December 2018, University Purchasing Card training
November 2018, Transfer Evaluation System (TES) training
November 2018, Preventing and Responding to Sexual Misconduct for Employees training
October 2018, Professional Development: "Growth in Learning"
August 2018, First Year Strategies for Success: Helping Students Learn
August 2018, New Techniques for Your Slide Design Toolkit
August 2018, Google workshop
August 2018, Canvas training
August 2014, Teaching Assistant training

SERVICE ACTIVITIES

Service to the University/College/Department – Texas A&M University Kingsville

Starting Sept. 1, 2025 – IACUC Alternate Scientist
August 2025, Commencement: all colleges
Summer 2025, Withdrawn Student Outreach (4 students)
Summer 2025, Hoggie Days (6 events)

Curriculum Vitae – August 2025

Spring/Summer 2025, HEART Project Faculty Fellow
May 2025, Prospective student meeting
May 2025, Laredo College Transfer Visit – 1 ANSC student meeting
May 2025, Commencement: Agriculture and Natural Resources, Business Administration, Education and Human Performance
May 2025, Hoggie Days (2 events)
May 2025, Lotería Retention Event
May 2025, Subway Registration Event
April 2025, Coffee Truck Retention Event
March 2025, Javelina Preview Days
March 2025, Breakfast Taco Bar retention event
Spring 2025, College of Agriculture and Natural Resources Awards Committee
February 2025, Waffle Bar retention event
February 2025, Javelina Preview Days
January 2025, Whataburger Breakfast on a Bun retention event
January 2025, Hot Chocolate retention event.
Fall 2024-present, Faculty Advisor for Animal Care and Management Association
December 2024, Commencement: Agriculture and Natural Resources, Business Administration, and Engineering
November 2024, Coffee Truck Registration Event
October 2024, College of Ag Halloween Event
October 2024, College of Ag Track Meet
October 2024, VETT Mock Job Interviews
October 2024, Kona Ice retention event
September 2024, College of Ag Dodgeball Tournament
August 2024, Commencement: Agriculture and Natural Resources and Arts and Science
Spring and Summer 2024, ANSC Nutrition faculty search committee
July 2024, Prospective student reach out
Summer 2024, Hoggie Days (7 events)
May 2024, Hoggie Days (2 events)
May 2024, Prospective student meeting
May 2024, Commencement: Master's and Doctoral Candidates
May 2024, Commencement: Agriculture and Natural Resources and Arts and Sciences
May 2024, Lotería retention event
April 2024, Ice cream social retention event
March 2024, Family Weekend – ANSC Photo Booth retention event
March 2024, Pretzel Bar retention event
March 2024, RGV Livestock Show recruitment
March 2024, Javelina Preview Days
February 2024, Coffee with Dean retention event
January 2024, Hot Chocolate Bar retention event
January 2024, Hoggie Days (1 event)
December 2023, Commencement: Agriculture and Natural Resources, Business Administration, and Engineering
October 2023, Javelina Preview Days
September 2023, Student Retention Luncheon
Summer 2023, Hoggie Days (7 events)
May 2023, Commencement: Master's and Doctoral Candidates
May 2023, Commencement: Agriculture and Natural Resources, Arts and Sciences, and Education and Human Performance
May 2023, Hoggie Days (1 event)

Curriculum Vitae – August 2025

May 2023, Alumni career advising w/ Barbara Collins
April 2023, Panhandle trip with Dr. Mast's ANSC 4317 course
April 2023, Scholarship Review Committee
March 2023, Spring Fling – Pie a Professor
March 2023, Javelina Preview Days
January 2023, Student Retention Luncheon
Spring 2023, Transfer Student Recruitment Implementation Team

Service to the University/College/Department – University of Minnesota Crookston

December 2022, Agriculture and Natural Resources Activities Day (ANRAD)
Fall 2022, Academic Care Team
Fall 2022, Honors Program Committee
Summer 2022, SOAR 12 students
Spring 2022, NACTA Livestock Judging Coach
Spring 2022, NACTA Dairy Judging Coach
March 2022, Animal Science Exploration Days
December 2021, ANRAD
Summer 2021, SOAR 13 students
2021 & 2022, Student Conduct Committee
March 2021, Animal Science Exploration Days
2020 & 2021, Disability Services Coordinator Search Committee
December 2020, ANRAD
Summer 2020, SOAR 6 students
March 2020, Equine Science Exploration Days
February 2020, Animal Science Exploration Days
February-March 2020, Agronomy Tenure-Track Search Committee
Spring 2020, NACTA Livestock Judging Coach
Spring 2020, NACTA Livestock Management Co-coach
2019-2020, NACTA Advisor
December 2019, ANRAD
October 2019, Animal Science Exploration Days
October 2019, Animal Science Program Assessment
May 2019, World Food Prize Northern Great Plains Youth Institute
February 2019, Animal Science Exploration Days
February 2019, Equine Science Exploration Days
January 2019, AgArama Royalty Interviews
Spring 2019, NACTA Livestock Judging Coach
Spring 2019, NACTA Livestock Management Co-coach
2018-2019, NACTA Co-advisor
December 2018, ANRAD
November 2018, Equine Science Exploration Days
October 2018, MEA Admissions Day
October 2018, Animal Science Exploration Days
2019-2022, Prospective Student Meetings (19)
2018-2022, Dairy Club Co-advisor
2018-2022, Faculty Assembly

Service to the University/College/Department – Louisiana Tech University

2011-2012, Agricultural Ambassador

Service to the public – University of Minnesota Crookston

Spring 2022, SWOT analysis of 1 local farm

Spring 2020, SWOT analysis of 4 local farms

Spring 2019, SWOT analysis of 4 local farms

HONORS AND AWARDS

Internal Sources

2025 Center for Teaching Effectiveness, *Thank-an-Instructor*, 2 student messages
Texas A&M University Kingsville

2024 Dick and Mary Lewis Kleberg College of Agriculture and Natural Resources, *Junior Teaching Award*
Texas A&M University Kingsville

2024 Center for Teaching Effectiveness, *Thank-an-Instructor*, 7 student messages
Texas A&M University Kingsville

2023 Center for Teaching Effectiveness, *Thank-an-Instructor*, 4 student messages
Texas A&M University Kingsville

2021 Nominated (not awarded) for Distinguished Teaching Award
University of Minnesota Crookston

2019 Certificate from Center for Educational Innovation, *Thank a Teacher* program
University of Minnesota

External Sources

2023 Highlighted article for August 2023. “*Seeking an optimum litter size in sheep*”. Animal

2018 Student Fellow
International Livestock Forum

OTHER PROFESSIONAL ACTIVITIES NOT COVERED ABOVE

Graduate thesis committees

Summer 2025, Animal Science M.S., member

Spring 2025, Plant and Soil Science M.S., member

Spring 2025, Plant and Soil Science M.S., member

Spring 2024, Environmental Systems Management M.S., member

Spring 2024, Environmental Systems Management M.S., member

Graduate project committees

Fall 2024, Animal Science M.S., member

Graduate advising

Summer 2025, Animal Science M.S., courses-only, 5 students

Spring 2025, Animal Science M.S., courses-only, 5 students (graduated 2)

Fall 2024, Animal Science M.S., courses-only, 3 students

Undergraduate mentoring

Spring 2024, 1 student Honors Contract in AGRI 3372
Fall 2023, 1 student Honors Contract in AGRI 3372
Spring 2021, 2 students' Honors Research Projects
Fall 2020, 2 students' Honors Research Projects
Spring 2020, 2 students' Honors Research Projects
Spring 2019, 2 students' Crookston Student Research/Creative Works, 1 student Honors Research Project
Fall 2018, 2 students' Crookston Student Research/Creative Works

Undergraduate Advising

Fall 2022, 31 students
Summer 2022, 12 students
Spring 2022, 21 students
Fall 2021, 25 students
Summer 2021, 13 students
Spring 2021, 14 students
Fall 2020, 27 students
Summer 2020, 6 students
Spring 2020, 13 students
Fall 2019, 15 students
Spring 2019, 15 students
Fall 2018, 7 students

Letters of Recommendation/Reference

Summer 2025, 1 student for veterinary school
Summer 2025, 1 student for scholarship
Spring 2025, 1 student for PAAC tutor
Spring 2025, 1 student for MS program at NDSU
Spring 2025, 1 student for internship
Spring 2025, 3 students for scholarships
Fall 2024, 1 student for internship
Fall 2024, 3 students for PAAC tutors
Fall 2024, 1 student for scholarship
Summer 2024, 1 student for scholarship
Spring 2024, 1 student for internship
Fall 2022, 1 student for veterinary school
Spring 2022, 2 students for VetFAST
Fall 2021, 1 student for veterinary school, 1 student for PhD program
Fall 2020, 2 students for scholarships, 1 student for PhD program
Spring 2020, 2 students for VetFAST, 1 student for PhD program
Fall 2019, 3 students for veterinary school