

CURRICULUM VITAE**Paul Wesley Holland****IDENTIFYING INFORMATION****Academic Rank**

Assistant Professor of Animal Science in the Department of Agriculture and Natural Resources
University of Minnesota, Crookston (August 2018 – present)

Education

Degree	Institution	Date Degree Granted
Ph.D.	Texas A&M University Animal Breeding [Advisor: Dr. David G. Riley]	2018
M.S.	Texas A&M University Animal Breeding [Advisor: Dr. David G. Riley]	2015
B.S.	Louisiana Tech University Animal Science	2012
No degree	Tyler Junior College	HS dual-enrollment (2006-2008)

Positions/Employment

University of Minnesota, Crookston Assistant Professor	August 2018 – present
Texas A&M University (Texas A&M AgriLife) Graduate Teaching Assistant	September 2014 – May 2018
North Dakota State University Visiting Scholar (paid)	May 2017 – June 2017 May 2016 – August 2016
North Tyler Veterinary Clinic Veterinary Technician	May 2012 – May 2013 June 2011 – August 2011 June 2010 – August 2010

Membership in Professional Organizations

American Society of Animal Science
Gamma Sigma Delta

HONORS AND AWARDS FOR RESEARCH/CREATIVE WORK, TEACHING, PUBLIC ENGAGEMENT, AND SERVICE

Internal Sources

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

External Sources

Student Fellow of the International Livestock Forum. January 2018

Visiting Professorships or Visiting Scholar Positions

North Dakota State University
Department of Animal Sciences
Visiting Scholar (paid)

May 2017 – June 2017
May 2016 – August 2016

Collaborated with NDSU and USDA, ARS, Range Sheep Production Efficiency Research Unit, U.S. Sheep Experiment Station location near Dubois, ID to work on large sheep dataset (~270,000 records)

RESEARCH, SCHOLARSHIP, AND CREATIVE WORK

Publications

Non-refereed Journal Articles, Essays, or Book Chapters

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.

Proceedings of Conferences [Refereed Abstracts and Proceedings]

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.

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.

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

Presentations, Posters, and Exhibits

Presentations at Professional Meetings, Conferences, etc.

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.

Contributed Papers Presented at Professional Meetings, Conferences, etc.

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.

Abstracts (published in electronic or paper format that are archived or searchable)

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

Posters or Exhibitions

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

Professional Artistic and Creative Experience

Photograph used in: 2018 North Dakota Beef Report, North Dakota State University

TEACHING AND CURRICULUM DEVELOPMENT

University of Minnesota, Crookston

Courses taught:

Fall 2022 (11 credits/17 contact)

ANSC 1004 Introduction to Animal Science (6 cr; lecture and 3 labs)
ANSC 1101 Animal Evaluation – General Livestock (2 labs at 1 cr each)
ANSC 3023 Animal Breeding (3cr; lecture and lab)

Spring 2022 (6 credits/8 contact; 6/8 research release)

ANSC 3023 Animal Breeding (3cr; lecture and lab)
ANSC 4204 Animal Systems Management (3cr; lecture and lab)

Fall 2021 (10 credits/16 contact)

ANSC 1004 Introduction to Animal Science (2 labs 1cr each)
ANSC 1101 Animal Evaluation – General Livestock (2 labs 1cr each)
ANSC 3004 Livestock Facilities and Environmental Systems (3cr; lecture and 1 lab)
ANSC 3023 Animal Breeding (3cr; lecture and lab)

Spring 2021 (11 credits/15 contact)

ANSC 1201 Advanced Animal Evaluation – General Livestock (1 cr)
ANSC 3023 Animal Breeding (3 cr; lecture and 1 lab)
ANSC 3450 Special Topics: Equine Genetics (2 cr)
ANSC 4204 Animal Systems Management (3 cr; lecture and 1 lab)
GNAG 3804 Individual Studies (1 cr, co-taught with Terrill Bradford)
HON 4030 Honors Essay, Research, or Creative Project (0.5 cr for each student; students received 3 cr)

Fall 2020 (11 credits/18 contact):

ANSC 1004 Introduction to Animal Science (5 cr; lecture, 1 lab, and 2 co-taught labs with Terrill Bradford)
ANSC 1101 Animal Evaluation – General Livestock (2 labs 1 cr each)
ANSC 3023 Animal Breeding (3 cr)
ANSC 3994 Undergraduate Research (0.5 cr per student; students received 3 cr each)

Spring 2020 (7.5 credits/10 contact):

ANSC 1201 Advanced Animal Evaluation – General Livestock (1 cr)
ANSC 3023 Animal Breeding (3 cr)
ANSC 4204 Animal Systems Management (3 cr; lecture and 1 lab)
NATR 3994 Undergraduate Research (0.5 cr; student received 3 cr)

Fall 2019 (14 credits/20 contact):

ANSC 1004 Introduction to Animal Science (2 labs 1 cr each)

Substitute lecturer:

ANSC 1004 – October 30th and November 1st. Topics: Genetics

ANSC 1101 Animal Evaluation – General Livestock (2 labs 1 cr each)

ANSC 3004 Livestock Facilities and Environmental Systems (3 cr; lecture and 1 lab)

ANSC 3023 Animal Breeding (3 cr)

ANSC 3204 Dairy Production (4 cr)

Spring 2019 (11 credit/14 contact):

ANSC 1201 Advanced Animal Evaluation – General Livestock (1 cr)

ANSC 3023 Animal Breeding (3 cr)

ANSC 4204 Animal Systems Management (4 cr; lecture and 1 lab)

GNAG 3203 Ag Products and Processing (3 cr co-taught with Terrill Bradford; 1.5 cr each)

HON 4030 Honors, Essay, Research, or Creative Project (1.0 cr; students received 1 cr)

NATR 3994 Undergraduate Research (0.5 cr; student received 3 cr)

Substitute lecturer:

ANSC 1004 – March 15, 2019. Topics: Sheep Breeds (review); Goat Production

Fall 2018 (9.3 credits/14 contact):

ANSC 1004 Introduction to Animal Science (2 labs 1 cr each)

ANSC 1101 Animal Evaluation – General Livestock (1 cr)

ANSC 1803 Directed Studies (0.3 cr; student received 1 cr)

ANSC 3004 Livestock Facilities and Environmental Systems (3 cr; lecture and 1 lab)

ANSC 3023 Animal Breeding (3 cr)

Substitute lecturer:

ANSC 1004 – November 16, 19, 21, and 26, 2018. Topics: Poultry; Genetics

Curriculum Development

Fall 2021:

ANSC 1004: Course was reverted to how it was normally taught before COVID-19. Slight adjustments to order and organization of subject topics. Some lab were optimized in regards to delivery material.

ANSC 1101: Course was reverted to how it was normally taught before COVID-19. With travel as an option some trips have been implemented back into the course. Adjustments were made to make the 2 lab sections more synchronous with one another.

ANSC 3004: Course content and assignments were updated for this course as it has not been taught by myself since 2019. Changing the weekly delivery method required altering of the course content.

ANSC 3023: Course was reverted to how it was normally taught before COVID-19 but with the new changes (prerequisite and lab) that started Spring 2021. Content has been reorganized for ease of flow for delivery during a Fall semester.

Spring 2021:

ANSC 1201: Changed assignments due to the limitations on travel due to COVID-19. Utilizing www.livestockjudging.com as full membership access is still available from last year. This allows students to view and practices classes of livestock that are not present at UMC.

ANSC 3023: 1st semester of the course changes: genetics now as a prerequisite and addition of a lab on the course. Lecture/lab calendar regularly updated as changes are being implemented. Students allowed to take exams during lab time instead of lecture to allow for more time. Quizzes remain extra credit.

ANSC 3450: New course developed and ran as a Special Topics as the prerequisite changes on ANSC 3023 affected EQSC majors. This course is being designed to be an alternative course focused strictly on the equine side of genetics. Both basic and applied principles are being discussed.

ANSC 4204: As travel is not an option, the typical Service Learning Projects cannot be completed. The course has now been flipped, where the Herd Plan is due first and the Service Project second. Students will now SWOT each others projects at the end of the semester. Pre-Vet still have separate project from regular ANSC students.

GNAG 3804: Worked with Terrill Bradford to run a late added course for Agricultural Education students. Normally GNAG 3203 would be offered, but do to travel limitations of COVID-19 the original course was cancelled and this was made in its place. The course focused on the requirements that AgEd students need to complete so that they can teach once graduated.

Fall 2020:

ANSC 1004: weekly meetings with Terrill Bradford and Amber Genereux for planning for the “2 room” labs. Daily creation of lecture materials for this course. Though Terrill Bradford has taught it over the past few years, I have been working to update materials since I am now teaching.

ANSC 1101: Updated breed information and added new slides to course. Changed assignments as traveling is not an option due to COVID-19.

ANSC 3023: Continued to implement quizzes in the course, as extra credit points. Utilizing Zoom office hours rather than in person this semester.

ANSC 3994: 2 separate students completing projects this semester, one requires regular help with collections due to the nature of the project. Weekly meetings with both students to check on progress.

Spring 2020:

*Due to COVID-19 all courses were transitioned to completely online (Canvas) March 23rd (after Spring Break). Heavily utilized Canvas, Zoom, and Kaltura for posting, hosting, and recording lectures and posting other materials.

ANSC 1201: Focused more time during the semester oral reasons, presented a challenge due to COVID-19. Utilized LivestockJudging.com elite for students to still be able to watch and judge livestock classes. Students still presented live oral reasons over Zoom individually.

ANSC 3023: Updated teaching methods and continued offering quizzes in the courses to help drive home interpretation. Continued gathering data for research data on students for associations with use of office hours. Transitioned lectures to Zoom and also recorded lectures with Kaltura to accommodate students who could not make it to the Zoom lectures.

ANSC 4204: Changed capstone projects to better accommodate Pre-Vet emphasis students. The project was originally designed for Animal Science (non Pre-Vet) and had a strong emphasis on a business component. This was changed as students with a Pre-Vet emphasis do not take business courses in their degree.

NATR 3994: Worked with student to formulate research plans and start research on temperament in goats. Project cancelled due to COVID-19. Remainder of semester focused on restructuring project for future semesters.

Fall 2019:

ANSC 1004: weekly meetings with Terrill Bradford to plan for labs as well as update information in both lecture and lab

ANSC 1101: Updated breed information and added new slides to course. Changed notes for better student engagement.

ANSC 3004: Updated course content. Held discussions in class over article readings. Changed notes for better student engagement. Implemented quizzes in the course.

ANSC 3023: Updating methods of teaching to better convey the information as well as attempting to utilize newer technology in the classroom. Implemented quizzes in the course. Exchange of knowledge for Animal Breeding with Dr. Lauren Hulsman Hanna at NDSU

ANSC 3204: Learning new information daily so that the content of the course is properly conveyed to students. Reading textbook on dairy production daily.

Spring 2019:

ANSC 1201: Developed new (advanced) content in relation to livestock evaluation for students. Focused on specific areas not included in other courses, such as meat science and related information back to livestock evaluation.

ANSC 3023: Newer ways to convey information introduced to the course. Changed notes for better student engagement. Utilized recorded lecture when attending NACTA.

ANSC 4204: Developed notes from content of previous instructors and with notes and textbook provided by Dr. Margot Rudstrom. Developed both a service learning project and the final student projects.

GNAG 3203: Weekly meeting with co-instructor Terrill Bradford throughout semester to plan and make arrangements for the upcoming week long course after graduation

HON 4030 and NATR 3994: Weekly meetings with students to cover changes to protocols and updates in collections/analyses

Fall 2018:

ANSC 1101, 3004, and 3023 were constantly updated and developed daily, since this was first semester teaching at UMC

ANSC 1004 and 1803: weekly meetings with Terrill Bradford to plan and update information

Collaborative Efforts and Activities

Fall 2021:

ANSC 1004: Teaching 2 lab sections of this course, while Terrill Bradford teaches the other and the lecture of the course. We maintain weekly meetings to be synchronized in our teaching as well as

sometimes sitting in each other labs to make sure that the same information is being taught to all labs.

Spring 2021:

GNAG 3804: Worked with Terrill Bradford to run a late added course for Agricultural Education students. We reorganized what would have been originally Ag Products and Processing to do this. Terrill's background in AgEd was the driving force behind the changes and would not have been possible without her.

Fall 2020:

ANSC 1004: Due to the challenges brought forward due to COVID-19, the labs on this course have become a huge collaborative effort between Terrill Bradford and myself. Originally, I was to teach all of the lectures and lab this semester, but due to the limitations of student numbers in rooms. Both Terrill Bradford and Amber Genereux have helped the "2 room" labs happen. Some days Terrill Bradford has to be present for her Beef Production labs, so Amber Genereux has stepped in to either demonstrate or supervise a room while I am in the other. Terrill Bradford is always there to help with the 3rd lab section. All three of us meet weekly so that we are prepared for the labs and all on the same page for topic information

Spring 2020:

ANSC 4204: Service learning projects for students. They were to complete SWOT analyses of local farms of their choice: Sunshine and You, Angle Road Stables, Amundson Dairy, local beef cattle farm in Gently, MN.

Fall 2019:

ANSC 1004: Teaching lab sections of the course with Terrill Bradford. Substitute lecturer October 30th and November 1st on how genetics relates back to the animal science industry. Guest speaker from Craig Roerick on poultry and dairy farm.
ANSC 1101: trip to NDSU to evaluate swine with Gregg Bauman.
ANSC 3004: toured Angle Road Stables, Steinmetz Dairy, NDSU Swine Unit and BCRC.
ANSC 3204: toured Riverview Dairy LLC, WCROC in Morris, MN, Steinmetz Dairy in Mahanomen, MN.

Spring 2019:

ANSC 1201: 2 trips to NDSU. Evaluated sheep with Skip Anderson and swine with Gregg Bauman
ANSC 4204: Brainstorming session with Dr. Margot Rudstrom to help develop business portion of final projects. Also agreed to help lecture students on budgeting. Service learning projects of local farms: Terrill Bradford, Jim Steinmetz, Angle Road Stables, Travis Johnson
GNAG 3203: Co-taught with Terrill Bradford. Cheese making at University of Manitoba, Winnipeg. Tours: Crookston Bean Plant, Shearer's Snacks, DNR Fish Hatchery, Lengby (processing a pig), Dakota Fiber Mill, Conte Luna, KLN Industries, Perham Egg LLC, Bongaards

Fall 2018:

ANSC 1004: Teaching lab sections of the course with Terrill Bradford. Tour to Hugos grocery to learn about meat processing. Guest speaker from Craig Roerick on poultry and dairy farm.

ANSC 1101: trips to NDSU to evaluate both sheep and cattle
ANSC 3004: trip to NDSU to for students to view and evaluate their livestock facilities. Swine Unit, BCRC, and ANPC.
ANSC 3004: New connection with Angle Road Stables outside of Fischer, MN
ANSC 3004: trip to dairy producer (Steinmetz) to teach students about dairy facilities.

Faculty Development Activities

Retention Initiatives – August 26, 2022
Classroom Media Best Practices – August 24, 2022
Lab Safety Training – August 23, 2022
SOAR Training – May 12, 2022
APLUS Refresher Training – March 9, 2022
SOAR Training – May 17, 2021
Professional Development Day: “Inclusive Learning” – February 15, 2021
Professional Development Day: “Being Live Online” – February 15, 2021
Coronavirus (COVID-19) Awareness – September 30, 2020
Advancing Our Scholarly Agenda Through Community Engaged Scholarship – August 19, 2020
Grant-writing topics – October 25, 2019
Professional Development Day: “Creating and Maintaining a Respectful Workplace” – October 25, 2019
P&T Files for Canvas: Information Session – September 16, 2019
Peer classroom observation – September 16, 2019
Predatory Publishers – August 22, 2019
The “New” APAS Training – August 21, 2019
Lab Safety Training – August 21, 2019
Faculty Media 101 Training – August 21, 2019
Peer classroom observation – April 3, 2019
Conflicts of Interest (COI) and Standards Governing Relationships with Business Entities – February 20, 2019
Professional Development Day: “Generation Z: Plan for today and prepare for tomorrow” – February 18, 2019
IACUC Training with Ben Clark: Establishing Course Protocols – January 21, 2019
UMC Policies, Procedures, and Paperwork – January 10, 2019
Safety of Minors – January 7, 2019
Using the University PCard – December 17, 2018
Transfer Evaluation System training – November 16, 2018
Preventing and Responding to Sexual Misconduct for Employees – November 5, 2018
Professional Development Day: “Growth in Learning” – October 26, 2018
Chrome River training – September 13, 2018
Animal Use Tutorial – September 7, 2018
IACUC training seminar – September 6, 2018
ROHP trainings (7) – September 4, 2018
APLUS training – August 27, 2018
New Faculty Session, “First Year Strategies for Success: Helping Students Learn” – August 17,

2018

New Techniques for Your Slide Design Toolkit – August 16, 2018

Technology Training (Google workshop) – August 16, 2018

Canvas Training – August 15, 2018

Academic Topics – August 13, 2018

Texas A&M University (Graduate Teaching Assistant)

Courses taught:

Spring 2018:

ANSC 305 Animal Breeding (2 labs of a 3cr course)

Fall 2017:

ANSC 108 General Animal Science (1 cr; lab)

ANSC 305 Animal Breeding (Lab of 3 cr course)

Summer 2017:

ANSC 305 Animal Breeding (Lab of 3 cr course)

Spring 2017:

ANSC 108 General Animal Science (1 cr; lab)

ANSC 305 Animal Breeding (Lab of 3 cr course)

Fall 2016:

ANSC 108 General Animal Science (1 cr; lab)

ANSC 305 Animal Breeding (Lab of 3 cr course)

Spring 2016:

ANSC 305 Animal Breeding (Lab of 3 cr course)

Fall 2015:

ANSC 305 Animal Breeding (Lab of 3 cr course)

ANSC 406 Beef Cattle Production (Lab of 3 cr course)

Summer 2015:

ANSC 305 Animal Breeding (Lab of 3 cr course)

Spring 2015:

ANSC 305 Animal Breeding (Lab of 3 cr course)

Fall 2014:

ANSC 305 Animal Breeding (Lab of 3 cr course)

Substitute lecturer:

Spring 2018:

ANSC/GENE 613 Quantitative Genetics

2 lectures: Developing the Mixed Model Equations & probability of detection (selection against recessive genes)

Spring 2017:

ANSC/GENE 613 Quantitative Genetics

1 lecture: Relatedness and inbreeding with incorporation into breeding value estimation

Fall 2016:

ANSC/GENE 685 Prediction of Genetic Merit

1 lecture: What the solutions of Mixed Model Equations estimate

Curriculum Development

ANSC 305: Weekly meetings to discuss course content and keep information up to date

ANSC 406: Weekly meetings to discuss upcoming use of animals and content of the lab

Professional Development Activities

TA Training – August 27, 2014

Louisiana Tech University (Undergraduate Teaching Assistant)

Courses taught:

Winter Quarter 2012:

ANSC 309 Anatomy and Physiology of Animals (Lab of a 3 cr course)

ADVISING AND MENTORING

University of Minnesota, Crookston

Undergraduate research:

Spring 2021: 2 students

Mentored 2 Honors Research Projects to completion and both students presented at Research Day.

Fall 2020: 2 students

Mentored 2 separate student driven research projects. One was focused on goat ADG affected by temperament and dominance and the other is focused on assessing jealousy in horses.

Spring 2020: 2 students

Mentored 1 student's Honors Research Project focused on evaluation of temperament and goats and the effects on growth traits. Postponed due to COVID-19. Continuing to mentor on changes needing to be made to methodology.

Advised 1 student for future project on horse behavior. Focused on gathering scientific data on jealousy behavior that has mentioned over the years about the species.

Spring 2019: 3 students

2 students both received funding through CSR/CW in Spring 2019. I continued to mentor the students throughout the length of their project until completion.

Advised/mentored 1 through her HON4030 research project as well as leading her to complete both the presentation and the thesis paper.

Fall 2018: 2 students

Currently working with 2 students, Emma Bliss and Magda Blumhardt, on preparing applications for CSR/CW Spring 2019. Both students plan to look at parasite loads in UMC animals, one student sheep, the other goats.

Undergraduate advising:

Fall 2022: 31 students

Summer 2022: SOAR 12 students

Spring 2022: 21 students

Fall 2021: 25 students

Summer 2021: SOAR 13 students

Spring 2021: 14 students

Fall 2020: 27 students (1 ANSC faculty member on semester leave)

Summer 2020: SOAR 6 students

Spring 2020: 13 students

Fall 2019: 15 students

Spring 2019: 15 students

Fall 2018: 7 students

Letters of Recommendation/Reference:

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

NACTA Judging:

Advisor

Fall 2020 – Spring 2020

*NACTA 2020 cancelled due to COVID-19

Co-advisor:

Fall 2019 – Spring 2019

-Co-advisor with Dr. Margot Rudstrom to help transition into position

-1st place sweepstakes 4 year university

General Livestock Judging Coach

Spring 2019 – present

Livestock Management Co-coach

Co-coached team with Terrill Bradford

Spring 2019 – present

Dairy Judging Coach

Spring 2022

Student Clubs and Organizations:

Dairy Club Advisor/Co-Advisor - October 10, 2018 to present

SERVICE AND PUBLIC OUTREACH

Service To The Discipline/Profession/Interdisciplinary Area(s)

Editorships/Journal Reviewer Experience

Reviewer, Livestock Science, 2020

Reviewer, BMC Genomics, 2017

Committee Memberships

WERA1: Coordinating Beef Cattle Breeding Research and Educating Programs for the Western States – Multistate Research Coordinating Committee and Informational Exchange Group – June 19, 2017.

Ag & NatR Activities Day-Preparation meeting – October 8, 2018 – present

Service To The University/College/Department

University of Minnesota, Crookston

Collegiate Service and Intercollegiate Service:

Academic Care Team – Fall 2022

Honors Program Committee – started Fall 2022

Student Conduct Committee – started Fall 2021

World Food Prize Northern Great Plains Youth Institute – May 6, 2019

Faculty Assembly – September 2018 to present

Department/Unit Service:

Honors Program AgNatr representative – started Fall 2022

SOAR Registration (12 students) – Summer 2022

NACTA Livestock Judging Coach – Spring 2022

NACTA Dairy Judging Coach – Spring 2022
ANSC Exploration Day – March 25, 2022
SOAR Registration (13 students) – Summer 2021
ANSC Exploration Day – March 12, 2021
Disability Services Coordinator Search Committee – Spring 2021
Disability Services Coordinator Search Committee – Fall 2020
SOAR Registration (6 students) – Summer 2020
EQSC Exploration Day – March 6, 2020
ANSC Exploration Day – February 20, 2020
Agronomy Tenure-Track Search Committee – February 2020 – March 2020
NACTA Livestock Judging Coach – Spring 2020
NACTA Livestock Management Co-coach – Spring 2020
ANSC Exploration Day – October 4, 2019
ANSC Program Assessment – October 1, 2019
NACTA Advisor – Fall 2019 – present
ANSC Exploration Day – February 22, 2019
EQSC Exploration Day – February 1, 2019
AgArama Royalty Interviews – January 23-25, 2019
NACTA Livestock Judging Coach – Spring 2019
NACTA Livestock Management Co-coach – Spring 2019
EQSC Exploration Day – November 2, 2018
MEA Admissions Day – October 19, 2018
NACTA co-advisor – October 11, 2018 to Spring 2019
Dairy Club Co-Advisor – October 10, 2018 to present
ANRAD preparation meeting – October 8, 2018
ANSC Exploration Day – October 5, 2018
Met with prospective students:

Summer 2022 – 2 students
Spring 2022 – 1 student
Fall 2021 – 3 students
Summer 2021 – 1 student
Spring 2021 – 3 students
Spring 2020 – 1 student
Fall 2019 – 3 students & MEA Admissions Day
Spring 2019 – 1 student
Summer 2019 – 4 students

Louisiana Tech University

Department/Unit Service:

Agricultural Ambassador – 2011 to 2012

Public and Other Service

University of Minnesota Crookston – ANSC 4204

Oversaw student SWOT analysis of 1 local farm – Spring 2022
The Bar 1 Homestead

Oversaw student SWOT analysis of 4 local farms – Spring 2020

Angle Road Stables

Amundson Dairy

Sunshine and You

Local Gentilly, MN beef cattle farm

Oversaw student SWOT analyses of 4 local farms – Spring 2019

Angle Road Stables

Terrill Bradford

The Bar 1 Homestead

Jim Steinmetz