

Philip M. Urso
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Assistant Professor of Wildlife Management
Department of Agricultural Sciences
Sam Houston State University

Education

Ph.D. in Animal Science, Ruminant Nutrition and Cellular Biology Focus. Texas Tech University – May 2020

Dissertation: Evaluation of zinc methionine and chromium supplementation on rumen parameters, amino acid uptake, performance, and carcass characteristics in beef steers.

Committee chair: Bradley Johnson

Committee members: Jhones Sarturi, Ryan Rathmann, Jerrad Legako, and Carlos Carpio

M.S. in Agriculture, Animal Nutrition Focus. Sam Houston State University – May 2017

Thesis: The effects of olive pomace on the fatty acid profile and weight gain in Spanish goats.

Committee chair: Marcy Beverly

Committee members: Stanley Kelley and Mark Anderson

B.S. in Animal Science, Biology Concentration. Sam Houston State University – May 2015

Professional Short Courses

Zinpro “Build Your Brand” - 2019

Feedlot Nutritionist Bootcamp - 2018

Professional Certifications

Beef Quality Assurance Certified – 2014

International Animal Care and Use Certified – 2014

Collaborative Institutional Training Initiative – 2014

Committees/Panels Served

Trained Consumer Beef Panel – 2018-2019

Academic Review Panel – 2016-2017

Publications - Peer Reviewed

Refereed Journals

Dias, E., J. O. Sarturi, T. L. Opheim, D. D. Henry, C. A. Hoffmann, M. D. Sandes, D. D. Millen, L. Bouyi, Markus F. Miller, A. Echeverry, M. Brashears, **P. M. Urso**, N. J. Espinoza-Rock. (2019). Feeding behavior of feedlot steers fed combinations of feed additives. *Journal of Animal Science*. 97:437-438.

Urso, P. M., M. M. Beverly, S. F. Kelley, M. J. Anderson, S. Nair, K. J. Stutts. (2018) The Effects of Olive Pomace on the Fatty Acid Profile and Weight Gain in *Capra aegagrus hircus* as a Model for Ruminants. *The Texas Journal of Agriculture and Natural Resources*, 31:83-92.

Refereed Abstracts

Urso, P. M., M. M. Beverly, S. F. Kelley, M. J. Anderson, S. Nair, J. L. Leatherwood, K. J. Stutts. (2016). The effects of supplementing olive pomace as a feed additive on weight gain in *Capris aegagrus hircus*. *Journal of Animal Science*. Abstract.

Beverly, M. M., **P. M. Urso**, A. R. Tipton, S. F. Kelley, and J. F. Wilson. (2015). Assessing flight zones and acclimation periods of various livestock species when exposed to unmanned aerial System. *Journal of Animal Science*. Abstract.

Presentations/Posters – Peer Reviewed

Urso, P. M., J. O. Sarturi, L. B. Kondratovich, M. C. S. Pereira, and B. J. Johnson. (2019) Effects of various doses of zinc methionine compound on a continuous culture system. *Bob Albin Research Competition*. Poster Presentation.

Urso, P. M., J. Kim, M. M. Beverly, S. F. Kelley, M. J. Anderson, J. L. Legako, K. B. Wellmann, and B. J. Johnson. (2018). The effects of supplementing olive pomace on serum and tissue fatty acid composition in Spanish goats. *American Society of Animal Science*. Poster Presentation.

Urso, P. M., J. Kim, M. M. Beverly, S. F. Kelley, M. J. Anderson, J. L. Legako, K. B. Wellmann, and B. J. Johnson. (2018). The effects of supplementing olive pomace on serum and tissue fatty acid composition in Spanish goats. *Bob Albin Research Competition*. Poster Presentation.

Urso, P. M., M. M. Beverly, E. F. Miller, M. J. Anderson, S. F. Kelley, and K. J. Stutts. (2017). Difference in opinion between agriculture and sustainable agriculture cohorts in similar course. *American Society of Animal Science*. Poster Presentation.

Urso, P. M., M. M. Beverly, S. F. Kelley, M. J. Anderson, S. Nair, J. L. Leatherwood, K. J. Stutts. (2017). The effects of supplementing olive pomace as a feed additive on serum fatty acid composition in *Capris aegagrus hircus*. *Journal of Animal Science*. Abstract.

Urso, P. M., M. M. Beverly, S. F. Kelley, M. J. Anderson, K. J. Stutts, and F. J. Aniol. (2017). Change in student perspectives of agricultural marketing viewpoints after watching documentaries in a contemporary animal issues course. *North American Colleges and Teachers of Agriculture*. Poster Presentation.

Anderson, M.J., **P.M. Urso**, M. M. Beverly, S. F. Kelley, K. J. Stutts, and F. J. Aniol (2017). Changes in student perspectives regarding human health viewpoints after watching a documentary and class discussion in a contemporary animal issues course. *North American Colleges and Teachers of Agriculture*. Poster Presentation.

Kelley, S.F., **P. M. Urso**, M.M. Beverly, M. J. Anderson, K. J. Stutts, and F. J. Aniol. (2017). Changes in student perspective of environmental issues after class discussion in contemporary animal issues course. *North American Colleges and Teachers of Agriculture*. Poster Presentation.

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- Beverly, M. M., **P. M. Urso**, S. F. Kelley, M. J. Anderson, K. J. Stutts, and F. J. Aniol. (2017). Ethical viewpoints of students in a contemporary animal issues course after viewing documentaries. *North American Colleges and Teachers of Agriculture*. Oral Presentation.
- Beverly, M. M., **P. M. Urso**, S. F. Kelley, M. J. Anderson, K. J. Stutts, and F. J. Aniol. (2017). Gender differences on viewpoints of environmental issues after class discussion in a contemporary animal issues course. *North American Colleges and Teachers of Agriculture*. Poster Presentation.
- Beverly, M. M., S. F. Kelley, **P. M. Urso**, M. J. Anderson. (2016). Student perspectives on agricultural study abroad programs. *North American Colleges and Teachers of Agriculture*. Poster Presentation.
- Beverly, M. M., S. F. Kelley, **P. M. Urso**, C. N. Wellmann. (2016). Student definition and perception of sustainable agriculture. *North American Colleges and Teachers of Agriculture*. Poster Presentation.
- Fenske, K. A., J. L. Burke, **P. M. Urso**, M. M. Beverly, S. F. Kelley, M. J. Anderson. (2016). The effects of olive pomace on weight gain and average daily gain on *capris aegagrus hircus* as a model for ruminants. *Ag Consortium of Texas*. Poster Presentation.
- Urso, P. M.**, M. M. Beverly, A. R. Tipton, S. F. Kelley, and J. F. Wilson. (2015). Assessing flight zones and acclimation periods of various livestock species when exposed to unmanned aerial system. *Undergraduate Research Symposium at Sam Houston State University*. Oral Presentation.
- Urso, P. M.**, M. M. Beverly, A. R. Tipton, S. F. Kelley, and J. F. Wilson. (2015). Assessing flight zones and acclimation periods of various livestock species when exposed to unmanned aerial system. *Ag Consortium of Texas*. Poster Presentation.
- Urso, P. M.**, G. G. Vann, M. J. Anderson, M. M. Beverly, K. J. Stutts. (2015). Investigating the effects of body weight, loin eye area, and fat deposition of conjugated linoleic acids on *sus scrofa*. *Undergraduate Research Symposium at Sam Houston State University*. Poster Presentation.

Work Experience

- Assistant Professor of Wildlife Management, Sam Houston State University – 2020 – present
Organized, prepared, and delivered material related to wildlife management and animal science in a 75/20/5 (teaching/ research/ service) appointment. Conducted research regarding wildlife nutrition, high fence management, and conservation ecology.
- Arena Director, Rodeo Austin – 2020 – present
Maintained arena schedule and announcements for junior heifer show. Aided in organizing exhibitor move in and awards presentation.
- Animal Science Research Assistant, Texas Tech University – 2017 – 2019
Facilitated animal science courses as needed in regards to grading, course work, and classroom instruction. Executed various procedures in laboratory that was relevant to current research being conducted.
- Animal Science Teaching Assistant/Laboratory Coordinator, Sam Houston State University – 2015 – 2017
Facilitated animal science courses as needed in regards to grading, course work, and classroom instruction. Updated curriculum of courses and continue correspondence of all

Animal Science Teaching Assistants so that the level of interest and engagement in the classroom remains beneficial to student learning environment.

Assistant Livestock Judging Coach, Sam Houston State University - 2015 - 2017

Organized travel expense reports and reservations. Explained to individuals the importance of livestock selection while discussing desirable traits within all the livestock species.

Research Assistant, Sam Houston State University - 2014 - 2015

Assisted with various research projects conducted by the Department of Agricultural Sciences and Engineering Technology. Managed animal husbandry facilities and fed animals on a strict schedule.

Lead Tutor, Sam Houston State Writing Center - 2012 - 2015

Trained and organized newly hired tutors. Managed facilities after hours when office directors were not present. Assisted in the furthering of students in the English language writing style and techniques.

Veterinary Technician, Kaufman Veterinary Clinic - 2007 - 2011

Assisted veterinarian with daily medicinal duties on-site and on-farm. Maintain sanitary environments to minimize risks of infection. Handled large animals minimizing stress pre-operation.

Academic Courses Facilitated as Instructor

Sam Houston State University

Assistant Professor:

ANSC 1319: Introductory Animal Science

WMGT 3382: Habitat and Pond Management

WMGT 4369: Integration of Livestock and Wildlife Management Systems

Graduate:

ANSC 1119: Introductory Animal Science Laboratory

Texas Tech University

Graduate:

ANSC 3305: Applied Animal Nutrition

ANSC 3307: Feeds and Feeding Laboratory

Academic Courses Facilitated as Teaching Assistant

Texas Tech University

Graduate:

ANSC 3301 Honors: Principles of Nutrition

ANSC 3307: Feeds and Feeding

ANSC 5307: Research Methods in Agricultural Sciences

Sam Houston State University

Graduate:

ANSC 1319: Introductory Animal Science

ANSC 2321: Livestock Evaluation and Selection

ANSC 3336: Livestock Marketing

EQSC 3340: Equine Behavior and Training

ANSC 3363: Anatomy and Physiology of Domestic Animals
ANSC 3373: Animal Nutrition
ANSC 3376: Meat Science
ANSC 4310: Animal Growth and Performance
ANSC 4336: Stocker and Feedlot Management
ANSC 4337: Behavior and Management of Domestic Animals
ANSC 4394: Animal Feeds and Feeding

Honors and Awards

Texas Cattle Feeders Scholarship Recipient	2018, 2019
SHSU College of Sciences Outstanding Graduate Teaching Award	2017
Ag Workers Outstanding Graduate in Leadership and Service	2017
NACTA Outstanding Graduate Teaching Award	2017
NACTA Outstanding Efforts in Graduate Teaching	2016
National Agri-Marketing Association Adviser	2016
Ann Christian Memorial Service Award Winner	2015
SHSU College of Sciences "Sammy" Award Winner for Outstanding Merits in Service	2015
Rodeo Austin Junior Heifer Show Intern	2014, 2015, 2016, 2017
Delta Tau Alpha Honor Society, Vice President	2013-2015
Department of Agriculture Sciences Homecoming King	2014
Alpha Lambda Delta Honor Society	2011-2015
Golden Key Honor Society	2014-2015
Houston Livestock Show and Rodeo Scholarship Recipient	2014
Journal of Animal Science Outstanding Student Nomination	2014
Who's Who Among America's College Students Nomination	2014