

Curriculum Vitae

Josh L. Helcel

TITLE: Extension Associate

AFFILIATION: Texas A&M AgriLife Extension Service and the Natural Resources Institute (NRI) - Texas A&M University System

APPOINTMENT: 100% Extension Appointment

ADDRESS: Texas A&M AgriLife Extension Service
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EDUCATION: Bachelor of Science, Texas A&M University – Spring 2007

EXPERIENCE: 2007: Field Technician, The Institute for Bird Populations – Alaska
2007–2014: Interpreter/Public Hunting Coordinator, Texas Parks & Wildlife Department (TPWD)
2014–Present: Extension Associate, Texas A&M AgriLife Extension Service

INTERESTS: Conservation Education, Wildlife Management, Wild Pig Management, Ecology, Ornithology

AREAS OF EXPERTISE:

1. Natural resources educational programming – Adults
2. Natural resources educational programming – Youth
3. Wildlife conservation and management on public lands
4. Wildlife conservation and management on private lands
5. Feral hog extension outreach and education – General Public
6. Educational Media Production – General Public

MAJOR AREAS OF WORK:

Project Oversight: Responsible for the general oversight of the grant funded project: Statewide Delivery of Lone Star Healthy Streams Feral Hog Component and Providing Technical Assistance on Feral Hog Management in Priority Watersheds. Primary tasks include coordination of statewide project activities, directing project personnel, resource creation and submission quarterly reports of project activities.

Outreach Planning: Collaborate with project team members to plan educational outreach techniques for both in-person and online outreach efforts. Assist County Extension Agents (CEA) in planning feral hog related programs based on the needs of the residents within their specific county of responsibility. Coordinate with local, state, federal and private entities, and individuals to arrange

workshop topics, speakers and other logistical aspects relevant to program implementation.

Educational Outreach: Conduct traditional face-to-face educational programming and compose extension publications, while also incorporating the use of web-based tools to disseminate research-based educational and technical content to a growing population of internet-based learners. Web-based tools include blogs, social media, infographics, videos and iPhone applications.

Implementation of Educational Programs: Provide assistance to CEAs and the public regarding feral hogs using, telephone, e-mail, office conferences, correspondence, field days, workshops, webinars and site visits.

Land Manager Technical Guidance: Provide on-site technical guidance on feral hog damage abatement strategies for land managers. Primarily generating a property specific feral hog damage abatement plan, that meets the needs and financial constraints of the land manager.

Results Demonstration Activities: Facilitate the demonstration of research-based feral hog management techniques. Activities include field trials, data collection and disseminating results through multiple outlets such as written publications and educational videos.

Coordination and Cooperation: Collaborate with a network of wildlife biologists, natural resource managers, watershed coordinators and scientists to aid in educational efforts including the expansion of existing feral hog educational programs and technical documents.

Faculty and Staff Training/Assistance: Provide training and educational opportunities for County Extension Agents and other Natural Resource Professionals concerning feral hog related subject areas.

Financial and Program Support of Extension Activities: Collaborate with extension personnel to apply for outside funding and participate in the submission of grant proposals.

PROFESSIONAL

AFFILIATIONS:

Texas Chapter – The Wildlife Society
Texas Youth Hunting Program – TYHP
Kids Outdoor Zone – KOZ
Texas Chapter – The Wildlife Society
Ralph Wilson Youth Club (Boys & Girls Clubs of America)

PROFESSIONAL CERTIFICATIONS

AND HONORS:

Certified Interpretive Guide (CIG)
Arduous Duty Wildland Firefighter
Swift Water Rescue
Basic First Aid

PUBLICATIONS:

AgriLife Extension Publications

Helcel, J., M. Tyson, J. Cash, and J.C. Cathey. 2015. Reducing Non-Target Species Interference While Trapping Wild Pigs. Texas A&M AgriLife Extension Service. October 2015.

Helcel, J., P. Teel, M. Tyson, J. Cash, T. Hensley, and J.C. Cathey. 2015. Wild Pigs and Ticks: Implications for Livestock Production, Human and Animal Health. Texas A&M AgriLife Extension Service. December 2015.

James, A., B. Kubecka, R. Ruzicka, M. Osborn, J. Helcel, J. Hardin, R. Perez, J.C. Cathey. 2015. Potential Causes Related to the Decline of Quail in Texas. Texas A&M AgriLife Extension, College Station, TX, USA. In-Press

WEB-BASED VIDEOS:

1. Tyson, M., J. Helcel and J. C. Cathey. 2014. [Wild Pig Minute Episode 6: Selecting a Wild Pig Trapping Site](#). Posted November 19, 2014.
2. Helcel, J., Tyson, M. and J.C. Cathey. 2014. [Understanding the differences between javelina & wild pigs](#). Posted June 10, 2015.
3. Helcel, J., Tyson, M. and J.C. Cathey. 2014. You trapped wild pigs – now what?. Pending.
4. Tyson, M., J. Helcel, and J. C. Cathey. 2015. [Wild Pig Management Video Series Trailer](#). Posted August 11, 2015.
5. Tyson, M., J. Helcel, and J. C. Cathey. 2015. [How to Corral Trap Wild Pigs](#). Posted August 12, 2015.
6. Tyson, M., J. Helcel, and J. C. Cathey. 2015. [Corral Trapping Wild Pigs: A Success Story](#). Posted August 13, 2015.
7. Helcel, J., M. Tyson, M, A. Henry and J. C. Cathey. 2015. [How to Snare Wild Pigs](#). Posted August 20, 2015.
8. Helcel, J., M. Tyson, M and J. C. Cathey. 2015. [How to Box Trap Wild Pigs](#). Posted August 21, 2015.
9. Helcel, J., M. Tyson, M and J. C. Cathey. 2015. [Shooting Techniques for Wild Pigs](#). Posted August 23, 2015.
10. Helcel, J., James, A. and J.C. Cathey. 2015. [Loading wild pigs for Transport](#). Posted December 14, 2015.
11. Helcel, J., James, A. and J.C. Cathey. 2015. [Fermenting corn or grain for wild pig trapping](#). Posted December 14, 2015.
12. Helcel, J., James, A. and J.C. Cathey. 2015. [Reducing non-target species interference while trapping wild pigs](#). Posted December 14, 2015.
13. Helcel, J. and J. C. Cathey. 2016. [Can wild pigs jump?](#) Posted June 1, 2016.
14. Helcel, J., A. Henry and J. C. Cathey. 2016. [Snaring Wild Pigs: Ground Anchored Trail Set](#). Posted July 21, 2016.
15. Helcel, J., P. Teel and J. C. Cathey. 2016. [Wild Pigs and Ticks: Implications for Livestock Production, Human and Animal Health](#). Posted July 21, 2016.

16. Helcel, J., A. Henry and J. C. Cathey. 2016. [Part I - Urban Wild Pig Impacts and Concerns](#).
Posted July 18, 2016.
17. Helcel, J., A. Henry and J. C. Cathey. 2016. [Part II - Urban Wild Pig Control](#).
Posted December 15, 2016.

WEBSITES AND SOCIAL MEDIA

1. [Coping with Feral Hogs](#)
2. [Feral Hog Reports](#)
3. [Feral Hogs Community of Practice](#)
4. [Wild Wonderings Blog](#)
5. [Feral Hogs Facebook](#)
6. [Mark Tyson Twitter](#)
7. [Feral Hog CoP Twitter](#)
8. [Wild Pigs \(Feral Hogs\) Scoop.IT](#)
9. [Feral Hogs CoP Pinterest](#)