

## **Joshua A. Gaskamp**

### **Short Narrative Biography**

Josh Gaskamp serves as the Technical Consultation Manager and Wildlife and Range Consultant at Noble Research Institute. Mr. Gaskamp received a BS and MS degree in wildlife and fisheries sciences from Texas A&M University. In his current role at Noble Research Institute, Mr. Gaskamp provides leadership in the development of prescribed consultation and educational material for agricultural producers. Mr. Gaskamp has become a recognized leader in the management and control of feral swine. Mr. Gaskamp conducted transformative research on drop-nets as a potential tool for feral swine control, which led to development of the first fully suspended, remotely activated, rigid trap for capturing feral swine. Mr. Gaskamp has also conducted research on feral swine diseases, agricultural and ecological damages, and wildlife interactions.

# JOSHUA A. GASKAMP

WILDLIFE AND RANGE CONSULTANT and  
TECHNICAL CONSULTATION MANAGER

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Empower a team of specialists to provide cutting edge consultation and education that delivers long-term solutions to agricultural producers and land stewards in the United States.

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## EDUCATION

**MASTERS OF SCIENCE:** Texas A&M University, Wildlife and Fisheries Sciences, 2012, Thesis title: *Use of Drop-nets for Wild Pig Damage and Disease Abatement*

**BACHELOR OF SCIENCE:** Texas A&M University, Wildlife and Fisheries Sciences, 2006

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## PREVIOUS APPOINTMENTS

### WILDLIFE AND RANGE CONSULTANT:

2014-2017. Noble Research Institute, Ardmore, OK

Responsible for consulting with producers in wildlife enterprises that are complimentary to land stewardship in beef cattle production with producer profitability.

### AG RESEARCH ASSOCIATE:

2013 - 2014. Noble Research Institute, Ardmore, OK

Responsible for data collection and analysis of various Institute and collaborative research projects in the areas of feral swine management and agricultural damages, grazing and fire impacts on native rangelands, wildlife movement and species interactions, and fisheries management.

### AG RESEARCH ASSISTANT:

2007 - 2013. Noble Research Institute, Ardmore, OK

Responsible for data collection and analysis of various Institute and collaborative research projects in the areas of feral swine management and agricultural damages, grazing and fire impacts on native rangelands, wildlife movement and species interactions, and fisheries management.

### LLOYD NOBLE SCHOLAR IN AGRICULTURE:

2004. Noble Research Institute, Wildlife Unit, Allen, OK

Responsible for capture of white-tailed deer for various research projects.

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## PEER REVIEWED PUBLICATIONS

**Gaskamp, J.A.**, J.C. Cathey, M.J. Bodenchuk, and B. Higginbotham. In press. Wild Pigs in South-Central North America. Chapter 15 in VerCauteren et al., editor. *Ecology and Management of Wild Pigs in North America* Science. CRC Press. Boca Raton, FL.

**Gaskamp, J.A.**, K.L. Gee, T.A. Campbell, N.J. Silvy, & S.L. Webb. 2018. Damage caused to rangelands by wild pig rooting activity is mitigated with intensive trapping. *Cogent Environmental Science* 4 (1).

**Gaskamp, J.A.**, K.L. Gee, T.A. Campbell, N.J. Silvy, S.L. Webb. 2016. Pseudorabies virus and *Brucella abortus* from an expanding wild pig (*Sus scrofa*) population in southern Oklahoma, USA. *Journal of Wildlife Diseases* 52 (2), 383-386.

Webb, S. L., **J. A. Gaskamp**, K. L. Gee, S. Demarais, A. R. Little. 2011. Design of an underwater telemetry antenna for locating and retrieving submerged radiocollars. *Wildlife Society Bulletin* 35:101-104.

Little, A.R., S.L. Webb, S. Demarais, K.L. Gee, S.K. Riffell, and **J.A. Gaskamp**. 2016. Hunting intensity alters movement behaviour of white-tailed deer. *Basic and Applied Ecology* 17:360-369.

Little, A. R., S. Demarias, K. L. Gee, S. L. Webb, S. K. Riffell, **J. A. Gaskamp**, and J. L. Belant. 2014. Does human predation risk affect harvest susceptibility of white-tailed deer during hunting season? *Wildlife Society Bulletin*.

**Gaskamp, J.A.** & Whittenburg, M. C. (2016). Low-light trail camera. *United States Patent*, US Patent Application Publication 2016/0277688 filed Sep. 22, 2016.

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## TECHNICAL PUBLICATIONS

**Gaskamp, J.A.** & M. Proctor (2019). Knowing your ranch can promote accuracy in estimating grazeable acres. *Noble News & Views*, 37 (11), 1-2.

**Gaskamp, J.A.** (2019). Feeding deer: How does your supplement compare to common native deer foods? *Noble News & Views*, 37 (10), 3-4.

**Gaskamp, J.A.** (2019). Ask the Consultant: Feral pigs: A formidable pest. *Progressive Cattleman*, 9 (4), 48-49.

Moseley, W. & **Gaskamp, J.A.** (2018). Youth hunts provide memories, opportunities. *Noble News & Views*, September 3.

**Gaskamp, J.A.** (2018). High-Tech traps are worth the investment. *Noble News & Views*, August 1, pg. 3-4.

**Gaskamp, J.A.** (2017). A better hog trap. *Hog Hunting*, 2017, 48-54.

**Gaskamp, J.A.** (2017). Grazing Oklahoma: Bois d'arc (*Maclura pomifera*). *Oklahoma Farm & Ranch*, 2 (11), 55-56.

**Gaskamp, J.A.** (2017). Grazing Oklahoma: Common sunflower (*helianthus annuus*). *Oklahoma Farm & Ranch*, 2 (9), 54.

**Gaskamp, J.A.** (2017). Toxicants for feral hogs: silver bullet or short fuse? *Ag News and Views*, 35 (5), p.6-7.

**Gaskamp, J.A.** (2017). How to diversify farm income with recreational leasing. *Ag News and Views*, 35 (2), 8-9.

**Gaskamp, J.A.** (2016). Leasing for waterfowl supports watershed conservation. *Ag News and Views*, 34 (1), 5.

**Gaskamp, J.A.** (2016). Incidental surveys yield wild turkey reproduction information. *Ag News and Views*, 34 (6), 7.

**Gaskamp, J.A.** (2015). Feral hogs present disease risk for livestock and people. *Ag News and Views*, 33 (3), 1-2.

**Gaskamp, J.A.** (2015). Long-awaited BoarBuster™ deliveries begin this month. *Ag News and Views*, 33 (6), 3.

**Gaskamp, J.A.** (2014). Coyote control strategy requires goal assessment. *Ag News and Views*, 32 (5), 6.

**Gaskamp, J.A.** & Webb, S. L. (2014). Early deer harvest assists population management. *Ag News and Views*, 32 (10), 1-2.

**Gaskamp, J.A.** (2014). Preparation increases pig trapping effectiveness. *Progressive Cattleman*, 4 (3), 40-41.

**Gaskamp, J.A.** & Biermacher, J. T. (2013). BoarBuster™ thinks outside the box trap. *Ag News and Views*, 31 (7), 1-2.

**Gaskamp, J.A.** (2013). Preparation increases pig trapping effectiveness. *Ag News and Views*, 31 (12), 3.

Moffet, C., Motal, F. J., **Gaskamp, J.A.** & Proctor, M. (2013). Mobile app aids prescribed burn management. *Ag News and Views*, 31 (4), 6-7.

Gaskamp, J.A. & Gee, K. L. (2011). Using drop-nets to capture feral hogs. *Ag News and Views*, 29 (7), 6.

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## GRADUATE STUDENT MENTORING

**Zach Johnson, M.S. candidate, Texas A&M University**  
Stakeholder engaged research, hog control, disease surveillance

**Kelly Boyer, M.S. candidate, Oklahoma State University**  
Identifying and prioritizing wild pig use of pecan orchards: implications on damage and depredation

**Katie Haydett, M.S. candidate, Texas Institute of Environmental and Human Health, Texas Tech University**  
Brucellosis and canine neosporosis in wild pigs of the Southern Great Plains: dam-offspring relationships

**Stephen Peper, PhD candidate, Texas Institute of Environmental and Human Health, Texas Tech University**  
Evaluation of *Trypanosoma cruzi* and other zoonotic and enzootic pathogens in wild pigs (*Sus scrofa*) from southcentral Oklahoma, USA

**Kevan Athanasiou, M.S. candidate, Texas Tech Institute for Environmental and Human Health, Texas Tech University**  
Survey of Feral Swine in Texas and Oklahoma for *Coxiella burnetii* and *Brucella* spp. Using Enzyme Linked Immunosorbent Assays and Polymerase Chain Reaction Assays

**Andy Little, M.S. candidate, Mississippi State University**  
Hunter Density Effects on Male White-tailed Deer Movements in South-central Oklahoma

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## SYNERGISTIC ACTIVITIES

### THE WILDLIFE SOCIETY (TX, OK)

Member: 2007-present  
President (OK Chapter): 2013  
Executive Board Member (OK Chapter): 2012 – 2014  
Abstract Review Committee (TX Chapter): 2018

### THE SOCIETY FOR RANGE MANAGEMENT (TX, OK)

Member: 2007-present

### OKLAHOMA AGRICULTURAL LEADERSHIP PROGRAM

Selected Participant: 2016-2017

### NATIONAL WILD PIG TASK FORCE

Conference Committee Chair: 2017-2018  
Abstract Review/Program Committee: 2019-2020

### FERAL HOG COMMUNITY OF PRACTICE

Content Expert (Ask an Expert Module)  
Content Reviewer

### NATIONAL WILD TURKEY FEDERATION

Board member (Ardmore Chapter): 2012 – present

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## AWARDS

### INNOVATOR OF THE YEAR

BoarBuster project completion - 2015

### OUTSTANDING ELECTRONIC/DIGITAL MEDIA

TX Chapter of The Wildlife Society - 2016

### PUBLICATION AND CREATIVITY AWARD

OK Chapter of The Wildlife Society- 2016

## **FEDERAL GRANT FOR RESEARCH**

Project Title: Development of Feral Swine Abundance Estimates for Measuring Performance of Management Activities Using Catch-Effort Data

Source: U.S. Department of Agriculture (USDA) Animal and Plant Health Inspection Service (APHIS) Wildlife Services (WS) program National Wildlife Research Center

Term: March 11, 2015 to March 10, 2017

## **U.S. PATENTS**

Systems and methods for trapping animals (September 2018) – 10076109

Systems and methods for trapping animals (June 2017) – 9668467

Systems and methods for trapping animals (January 2016) – 9237743

## **FOREIGN PATENTS (AUSTRALIA)**

Systems and methods for trapping animals (October 2017) - 2015201162

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## **PRESENTATIONS (LAST 3 YEARS)**

### **Thinking Outside the Box Trap: Novel Hog Trapping Techniques**

*(108 lay presentations, 8 professional presentations)*

Presented to producers, reporters, and professional organizations at conferences, meetings, farm tours, and other invited speaking engagements

### **Ecological and Economic Impacts from Feral Hogs**

*(41 lay presentations, 4 professional presentations)*

Presented to producers, reporters, and professional organizations at conferences, meetings, farm tours, and other invited speaking engagements

### **Management Concerns with Various Invasive Species**

*(4 lay presentations, 2 professional presentations)*

Presented to producers, reporters, and professional organizations at conferences, meetings, farm tours, and other invited speaking engagements

### **Food Plots and Supplemental Feeding (3 lay presentations)**

Presented to attendees at Noble educational events and invited speaking engagements

### **Aging White-tailed Deer by Tooth Wear, Replacement, and Eruption (4 lay presentations)**

Presented to attendees at Noble educational events and invited speaking engagements

### **Aging White-tailed Deer on the Hoof (4 lay presentations)**

Presented to attendees at Noble educational events and invited speaking engagements

### **Deer Food Plant Identification (3 lay presentations)**

Presented to attendees at Noble educational events and invited speaking engagements

### **Aquatic Plant Identification and Management (4 lay presentations)**

Presented to attendees at Noble educational events and invited speaking engagements

### **Managing an Existing Fishery (3 lay presentations)**

Presented at invited speaking engagements

### **Building an Earthen Pond for Specific Goals (3 lay presentations)**

Presented to attendees at Noble educational events and invited speaking engagements

### **Prescribed Burning: Environmental Considerations (1 lay presentation)**

Presented to attendees at Noble educational event

### **Prescribed Burning: Equipment and Clothing (5 lay presentations)**

Presented to attendees at Noble educational events

### **Prescribed Burning: Demonstration Burn (6 lay presentations)**

Coordinated 2 multi-county workshops and presented to attendees at Noble educational events