

# MS GRADUATE RESEARCH ASSISTANTSHIP AVAILABLE

## Position Summary

Research assistantships are available for students interested in pursuing a Master's degree in the Department of Agricultural and Biosystems Engineering at Iowa State University. Projects are related to swine and egg production systems with a broad focus on housing design, natural resource and energy efficiency, animal energetics, environmental control, and precision livestock farming. The goal of these projects is to provide science and solve the problems impacting producers today while concurrently developing new technology to meet the animal's needs in an economical and sustainable way.

## Desired Skills

- BS degree (or concurrent BS/MS) in agricultural or a closely related engineering field (e.g., mechanical, electrical, etc.)
- Familiarity or strong interest in learning with instrumentation, sensors and data acquisition, data analytics, mechanical systems, machine learning
- Interest in conducting applied research with practical applications for Iowa producers
- Excellent communication and problem-solving skills
- Strong self-motivation and enthusiastic

## Anticipated Starting Date

2018 Fall/Summer Semester

## General Information

<https://www.abe.iastate.edu/> • <http://www.abe.iastate.edu/brett-ramirez/>

Interested qualified applicants should immediately contact:

Dr. Brett Ramirez, Assistant Professor  
[bramirez@iastate.edu](mailto:bramirez@iastate.edu) • (515) 294 0468

