



MS/PhD Opportunities in Animal Data Sciences

Fall 2022 / Spring 2023

Research Focuses

Animal behavior, phenomics, computer vision

Description

Graduate research assistantship in animal phenomics and precision livestock farming is available with Dr. James Chen in the Department of Animal and Poultry Sciences at Virginia Polytechnic Institute and State University. The potential projects include, but are not limited to, the following: 1) setting up an image-based monitoring system for behavioral traits in dairy and beef cattle, and 2) deploying a deep learning framework to analyze multi-dimensional data.

Required Qualifications

✓ B.S. or M.S. degree in animal science or relevant fields.

✓ Knowledge of animal behavior.

Preferred Qualifications

✓ Knowledge of any common programming language (C/C++, Java, Python, R, Julia).

✓ Keen interest in developing computational frameworks.

Application

Candidates should email the following materials: 1) a one-page statement of research interest; 2) curriculum vitae; and 3) contact information for two references with the subject line “Application for <MS/PhD> position - <last name>” to Dr. James Chen (niche@vt.edu). Evaluation of applications will commence immediately and continue until the position is filled. Informal inquiries are also welcome.

