



# Horse

## TEACHING & RESEARCH CENTER

### Mission

To educate horse-oriented youth, students, owners and industry personnel using research-based information to increase their opportunities for employment, profitability or personal satisfaction

### Visitors

You are welcome to take a self-guided tour  
8:00 a.m. - 4:30 p.m. Monday thru Friday and  
8:00 a.m. - 12:00 p.m. Saturday and Sunday.

Visitors must not have visited a foreign country in the 7 days prior to visiting the farm.

### Location

3327 Collins Rd.  
Lansing, MI 48910

### Manager

Paula Hitzler  
517-355-7484  
phitzler@msu.edu

## STATISTICS & INFORMATION

Home to one of the oldest continuous Arabian horse breeding programs in the U.S., including 54 Arabians

### Production Performance Highlights

- MSU has bred many nationals champion Arabian horses in disciplines ranging from reining to dressage, western and hunter pleasure horses. Horses that have been sold and horses shown by MSU ANS students have been very successful at the national shows.

### Farm Upgrades & Capital Improvements

- Fiber internet installed for teaching/research
- Turn out lots refenced to increase safety and efficiency
- South pastures split and two catch pens added for increased pasture utilization and efficiencies
- Added new sheds (2) and new drinkers (4)
- Security gate installed
- Round pen (donated by Friends of the Horse Teaching and Research Center (HTRC) added to aid in safer teaching
- New UTV

## RESEARCH:

The center is home to both applied and basic research projects. The research is designed to advance animal agriculture using multidisciplinary approaches to generate, disseminate and apply knowledge in equine biology and management.

### Highlighted Research:

- Effects of Equine Metabolic syndrome on mares and foals (Jane Manfredi, DVM)
- The Impact of a Public Equine Facility on Visitor Anxiety and Future Engagement with Michigan's Horse Industry (Chris Skelly, Ph.D.)
- Testing various oil supplements on equine feed (Brian Nielsen, Ph.D.)

## TEACHING

The center regularly provides the facility or animals for numerous experiential learning opportunities.

- 10 equine classes are held at the farm; an additional 7 classes utilize the farm
- 624 non-equine students and 174 equine students participated in classes at the farm
- Equine handling and behavior for 1st year vet and vet nursing
- General equine science for

pre-vet and ANS

- Equine behavior and training foals to starting under saddle
- Equine nutrition
- Equine reproduction and brood mare management
- Pasture and facility management
- Sales and merchandizing

### Courses offered through:

- Department of Animal Science
- Crop and Soil Sciences
- College of Veterinary Medicine

## OUTREACH

The center regularly provides the venue and horses for a wide range of outreach events.

- 4-H Exploration Days
- 4-H Horse Judging Workshops
- Horse Tails Literacy Project
- Farrier Program

Self-guided tours attract thousands of people each year, especially in the spring and fall. A Human-Horse Interaction post traumatic event was also held to reduce stress and anxiety of attendees.

## FUNDRAISING AND ENDOWMENTS

- Preservation of the Arabian Horse endowment
- Friends of the HTRC fund
- MSU Spellbound Endocrine Research fund

