*For more information, contact:*

Dr. Ron Erskine

erskine@cvm.msu.edu

517-353-4637

Phil Durst

durstp@msu.edu

989-387-5346

*Sponsored by:*

**Animart**

“Dairy & Livestock Solutions”

[www.animart.com](http://www.animart.com)

**Pfizer Animal Health**

[www.pfizerah.com](http://www.pfizerah.com)

*MSU is an affirmative-action, equal-opportunity employer. Michigan State University Extension programs and materials are open to all without regard to race, color, national origin, gender, gender identity, religion, age, height, weight, disability, political beliefs, sexual orientation, marital status, family status or veteran status. Issued in furtherance of MSU Extension work, acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture. Thomas G. Coon, Director, MSU Extension, East Lansing, MI 48824.Directions:*

**From the East via I-69**

* Proceed southwest on I-69 to Lansing.
* Take exit 94 to merge onto I-69 Business toward E Lansing
* Turn left at N Hagadorn Rd
* Turn right at E Shaw Lane
* Turn left at Wharton Center/Wilson Rd
* Follow the curve to the right

The College of Veterinary Medicine will be to your left at the corner of Wilson and Bogue St and the address is 736 Wilson Road. Parking is on the south side of the clinic off of Bogue.

**From the South via US-127**

* Proceed north on US-127 to East Lansing.
* Take the Trowbridge Road
* Follow Trowbridge Road east to Michigan State University.

Take Trowbridge Road exit, drive through the traffic light at Harrison, keep driving straight east, take a right at the traffic light on Wilson. Continue through the traffic light at the corner of Wilson and Farm Lane. Continue through the traffic light at the corner of Wilson and Bogue.  The College of Veterinary Medicine is on the right after the Wilson/Bogue intersection and the address is 736 Wilson Road. Parking is on the south side of the clinic off of Bogue.

*Enter building on the west side through the Large Animal Clinic office*

Mastitis Bacteriology & Herd Decision-Making

* How to do on-farm Milk Culturing
* How to interpret the results
* How to use the results to improve your mastitis control program



**Wednesday, June 27, 2012**

9:30 AM – 3:30 PM

Michigan State University

College of Veterinary Medicine

Buchanan Room



***Do you want to improve your skills in milk culturing?***

***Do you want to learn to culture milk samples on farm?***

This hands-on workshop will help you to learn the techniques for inoculating culture plates with milk, using different selective media, staining and other diagnostic tools to determine the organisms that cause mastitis.

The workshop will consist of:

* Class time on mastitis organisms
* Laboratory practice of techniques
* Viewing different culture results under microscopes
* Determining unknowns
* Treatment decisions based on culture results to improve your mastitis control program
* How to get started
* How to improve your skills

This workshop is open to dairy producers and employees, veterinarians and other industry professionals. The purpose is to help each participant gain skills and knowledge that they can apply back home.

**Class size:**

Because of lab space, the class is limited to the first 16 who reserve a space.

A minimum of 11 participants are needed in order to have the class.

If interest is greater than what this workshop can accommodate, a second workshop may be scheduled later in the summer.

**Registration cost:**

$115 per person

Registration covers:

* Laboratory supplies
* Lunch
* Coffee and snacks
* Parking pass

**Instructors:**

Dr. Ron Erskine and Dr. Andres Contreras, MSU College of Veterinary Medicine

Phil Durst, MSU Extension

**Door prize:**

A milk culture starter kit donated by Animart will be given away to one participant. It includes an incubator, 15 Tri-Plate culture plates, loops,

tubes, swabs, and a handbook.**Registration Form**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Farm/Business: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Number attending: \_\_\_\_\_\_\_\_\_\_\_

Total enclosed: \_\_\_\_\_\_\_\_\_\_\_

*Make check payable to: “MSU”*

Send to:

Dr. Ron Erskine

736 Wilson Rd.

LACS D202 VMC

East Lansing, MI 48824

