

# REGISTRATION

Please complete the form below and submit with payment to the Lucas County Extension Office

**Registration: \$50.00\***

**Please make checks payable to:  
ISU Extension Lucas County**

Please mail registration form and check to:  
ISUEO Lucas County Extension Office  
48293 Hy-Vee Road  
Chariton, IA 50049

**\*Due by July 11, 2023**

**\$50.00** registration fee per person

**After July 11 and walk-ins:**

**\$70.00** registration fee per person

Fees for service will be used to offset direct expenses and to support ANR extension programming.

Name

Email

Phone

Address

City, State Zip

Photos and/or video taken at this event may be used by Iowa State University Extension and Outreach for promotional, commercial, educational and research purposes. If you prefer not to be photographed, please talk with the photographer or videographer.

**IOWA STATE UNIVERSITY**  
Extension and Outreach

# SPEAKERS

## Dr. Garland Dahlke

Nutritionist and Research  
Scientist, Iowa State University  
Department of Animal Science

## Dr. Chris Sieper

Clinical Assistant Professor, ISU  
VDL and Veterinary Diagnostic  
and Production Animal Medicine

## Dr. Randie Culbertson

Assistant Professor, Iowa State  
University Department of Animal  
Science



## JOIN US

[WWW.EXTENSION.IASTATE.EDU/...](http://WWW.EXTENSION.IASTATE.EDU/...)

This institution is an equal opportunity provider. For the full non-discrimination statement or accommodation inquiries, go to [www.extension.iastate.edu/diversity/ext.ADV.20.04](http://www.extension.iastate.edu/diversity/ext.ADV.20.04) April 2020.



# Update for Veterinarians

McNay Memorial Research Farm  
Chariton, Iowa

July 12, 2023 | 8:30 am



Sponsors:

Iowa State University Extension and Outreach  
Iowa State University Experiment Station  
Iowa Beef Center

**5 Hours Continuing Education Credits  
Requested**

**IOWA STATE UNIVERSITY**  
Extension and Outreach

## AGENDA

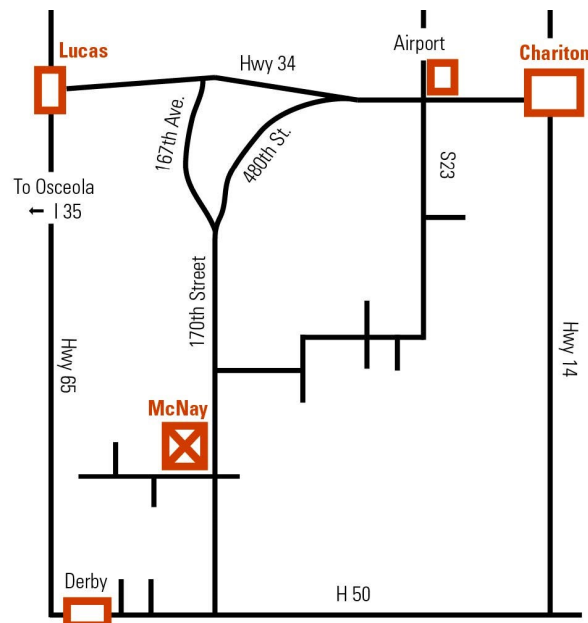
- 8:30 am** Registration
- 9:00 am** Fiber in the Ruminant Diet – The Big Picture  
Dr. Garland Dahlke
- 10:00 am** Fiber in the Ruminant Diet – The Application  
Dr. Garland Dahlke
- 11:00 am** Break
- 11:15 am** Bovine Diagnostic Updates from ISU Veterinary Diagnostic Laboratory: Real-world Cases and Challenges  
Dr. Chris Siepker
- 12:15 pm** Lunch  
Catered by Cater 2 U
- 1:30 pm** Genetics in the Beef Industry: Why Genetics Matter in Cattle Production  
Dr. Randie Culbertson
- 2:30 pm** Genetics in the Beef Industry: Genomics and Simply Inherited Traits  
Dr. Randie Culbertson
- 3:30 pm** Adjourn

## DIRECTIONS

Directions to Iowa State University McNay Research Farm, 45249 170th Avenue, Chariton, Iowa:

- ◆ Six miles southwest of the Chariton Airport, go west from Chariton on Hwy 34 and south on county gravel road 480th Lane to 170th Avenue
- ◆ Or four miles south of Lucas on Hwy 65, and east on county gravel road Morman Trail to 170th Avenue

Both routes are marked by permanent signs. Call Chris Clark at 712-250-0070 or McNay Research Farm at 641-766-6465 for details.



## Update for Veterinarians



Lunch will be catered by Thelma Saxton, Cater 2 U, Chariton, Iowa.

**#STRONGIOWA**