

## REGISTRATION

Due to the coronavirus pandemic, the 2020 Update for Veterinarians will be offered virtually as a webinar that can be viewed from your home or office.

Registration is required to access the session. Please preregister to help organizers plan the event.

Registration for the event can be accessed through [www.iowabeefcenter.org/VeterinarianUpdate2020.html](http://www.iowabeefcenter.org/VeterinarianUpdate2020.html). Once registered, you will receive an email with a link to join the event, which will be conducted using the online platform WebEx. Please plan to join the event a few minutes early to ensure you don't miss any of the training.

Contact Chris Clark at [caclark@iastate.edu](mailto:caclark@iastate.edu) or 712-250-0070 with any questions prior to the event.

## Agenda

- 10:00 a.m.** *Changing Industry Leads to Changing Health Challenges for Cattle*  
Dr. Dan Thomson
- 12:00 p.m.** Lunch Break
- 1:00 p.m.** *Wildlife and the Disease Landscape in Southern Iowa*  
Dr. Rachel Ruden
- 3:00 p.m.** Break
- 3:30 p.m.** *Practical Application of Pain Management in Beef Cattle Practice*  
Dr. Renee Dewell
- 4:30 p.m.** *Veterinary Diagnostic Laboratory Toxicology Update*  
Dr. Scott Radke
- 5:00 p.m.** *Veterinary Diagnostic Laboratory Infectious Disease Update*  
Dr. Drew Magstadt
- 5:30 p.m.** Adjourn

## SPEAKERS

### Dr. Dan Thomson

Professor and Chair, Animal Science Department, Iowa State University

### Dr. Rachel Ruden

Wildlife Veterinarian, Iowa Department of Natural Resources; Affiliate Assistant Professor, VDL/VDPAM, Iowa State University

### Dr. Renee Dewell

Veterinary Specialist, Iowa State University Center for Food Security and Public Health

### Dr. Scott Radke

Clinical Assistant Professor, VDL/VDPAM, Iowa State University

### Dr. Drew Magstadt

Clinical Assistant Professor, VDL/VDPAM, Iowa State University



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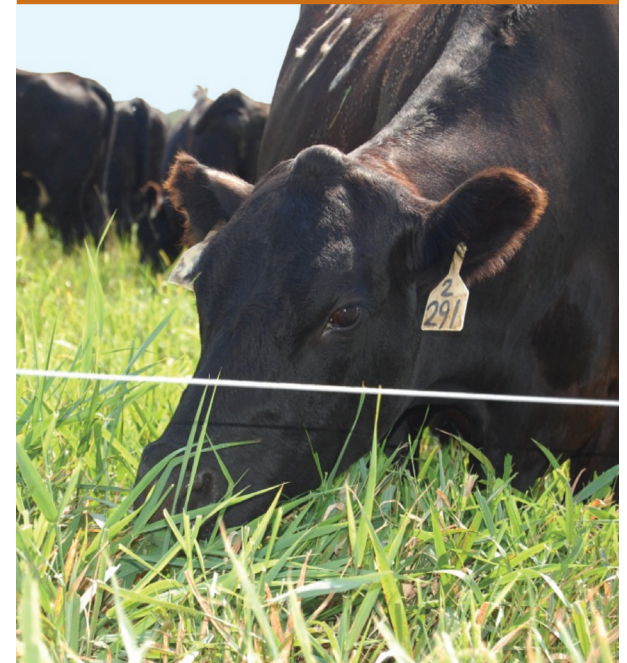
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# Update for Veterinarians

Conducted virtually by Iowa State University Extension and Outreach

June 16, 2020 | 10 a.m.



### Sponsors:

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

6 Hours Continuing Education Credits Approved

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Extension and Outreach

## Speaker Bios

**Dr. Dan U. Thomson** is the chair of the Animal Science Department at Iowa State University and is a third generation bovine veterinarian from Clearfield, Iowa. Thomson received a degree in Animal Science and his DVM from Iowa State. He also completed a MS in Ruminant Nutrition from South Dakota State University and a PhD in Ruminant Nutrition from Texas Tech University.

Prior to coming to Iowa State, Thomson held the Jones Professor of Production Medicine and Epidemiology at Kansas State University's College of Veterinary Medicine. He has served as the global co-leader for McDonald's Beef Health and Welfare Committee, sits on the YUM! Animal Welfare Council, chairs the Animal Welfare Committee of the National Cattlemen's Beef Association and serves on the Animal Welfare Advisory Board of Tyson Fresh Meats.

He is the founder and director of the Executive Veterinary Program for Beef Cattle Practitioners in a partnership with the University of Illinois and teaches in the Feedlot Shortcourse each year produced by the Iowa Beef Center at Iowa State.

Thomson is the founder and host of Doc Talk, a nationally aired beef cattle health veterinary show on television. He has hosted over 400 episodes of the show, which is in its ninth season and reaches over 45 million homes world-wide.

**Dr. Rachel Ruden** earned a BS in Animal Science from Cornell University and graduated from the University of Pennsylvania School of Veterinary Medicine as a food animal major with a Certificate in Veterinary Public Health. Ruden then went on to complete a PhD in Wildlife Disease Ecology at Iowa State University. She started in July 2019 as the first wildlife veterinarian for the Iowa Department of Natural Resources and as an affiliate assistant professor at Iowa State.

**Dr. René Dewell** earned a BS in Animal Science from Texas A&M and her DVM from Colorado State University. She owned and operated a private mobile, large

## Speaker Bios

animal veterinary clinic for three years. She completed an internship at the Great Plains Veterinary Education Center (GPVEC) while also working as a clinical instructor. She earned a MS in Veterinary Science (epidemiology emphasis) from the University of Nebraska-Lincoln and completed the Beef Cattle Production Management Program. Following her completion of her MS, she was a post-doctoral researcher at the Animal Population Health Institute at CSU and served as a staff veterinarian at Horton Feedlot and Research Center in Wellington, Colorado. Since joining ISU in 2009, she has worked in the Center for Food Security and Public Health (CFSPH) on topics related to biological risk management for beef cattle as well as disaster preparedness and response issues with production animals.

**Dr. Scott Radke** is a graduate of the Iowa State University College of Veterinary Medicine. He is originally from Aurelia, Iowa where he grew up on his family's crop and hog farm. He attended Buena Vista University where he received his BS degree in biology in 2012. Following veterinary school, Radke pursued a post-doctoral toxicology residency in the Iowa State University Veterinary Diagnostic Laboratory within the toxicology and nutrition section where he later received his MS in Toxicology from Iowa State.

**Dr. Drew Magstadt** was raised on a 350-head cow/calf operation in central North Dakota. He graduated from North Dakota State University and received his DVM at Iowa State in 2011. After two years of practice at a mixed animal clinic in southeast Iowa, he returned to Iowa State to complete a pathology residency and obtained a MS degree in veterinary microbiology. He has been a clinical assistant professor/diagnostician at the Iowa State University Veterinary Diagnostic Laboratory since 2015. In addition to coordinating tissue case submissions to the lab, Magstadt also coordinates molecular testing for John's disease as well as the testing of ear notch samples for BVDV.

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