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poultry, equine  
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Animal  
Welfare

Feed  
Industry  
Trends

Latest research  
in dairy  
management and  
nutrition



# 72<sup>nd</sup> Annual Convention

2018 Virginia State Feed Association  
& Nutritional Management  
“Cow” College



**The Hotel Roanoke and Conference Center | February 14-15, 2018**

## Wednesday, February 14, 2018

- 9:00 am** Feeding Practices to Optimize Horse Health  
*Kristine Ely, Ph.D. Candidate, Department of Animal & Poultry Science, Virginia Tech*
- 9:45 am** Genetic engineering for sustainable food and fiber production:  
Separating the myths from reality  
*Troy Ott, Ph.D., Penn State University*
- 10:30 am** —————Break—————
- 11:00 am** Antibiotic Resistance in the Environment  
*Katharine Knowlton, Ph.D., Department of Dairy Science, Virginia Tech*
- 11:45 am** Market Direction: What’s Driving the Future(s)?  
*Wilmer Stoneman, Virginia Farm Bureau*
- 12:30 pm** Lunch & Business Meeting | Presentation of Awards and Scholarship
- 2:00 pm** Current and Future Challenges of Agriculture in Virginia  
*Charles Green, Virginia Department of Agriculture & Consumer Services*
- 2:45 pm** USDOT Regulations—What you as a Shipper or Carrier need to know  
*Scott Parsons, Virginia State Police*
- 3:30 pm** —————Break—————
- 4:00 pm** Recent Advances for Management of Fescue Toxicity in Beef Cattle Production  
*Bain Wilson, Ph.D., Department of Animal & Poultry Science, Virginia Tech*
- 4:45 pm** Virginia Cattle Industry Update and Outlook  
*Jason Carter, M.S., Virginia Cattlemen’s Association*
- 6:00 pm** Reception

Visit [www.vtdairy.dasc.vt.edu](http://www.vtdairy.dasc.vt.edu) or [www.cpe.vt.edu/vsfa](http://www.cpe.vt.edu/vsfa) for more details.

## Thursday, February 15, 2018

Morning

- 8:00 am** Environmental and agronomic factors affecting the nutritional quality of corn for silage  
*Gonzalo Ferreira, Ph.D., Department of Dairy Science, Virginia Tech*
- 8:45 am** Forage Quality: Fiber Digestibility  
*Cliff Ocker, BioZyme*
- 9:20 am** —————*Break*—————
- 9:50 am** Impact of post-harvest management on forage quality and rumen function  
*Gbenga Ayangbile, Ph.D., Agri-King*
- 10:30 am** How fiber digestibility affects forage quality and milk production in high producing cows  
*Dave Combs, Ph.D., University of Wisconsin—Madison*
- 11:10 am** Got Milk Commission?: Functions and Benefits of State Milk Regulation  
*Crafton Wilkes, M.S., Virginia Milk Commission*
- 11:50 am** Lunch

Afternoon

- 1:10 pm** Transition cow management: calcium health and diagnostics  
*Jessica McArt, Ph.D., Cornell University*
- 1:50 pm** Tools and follow-up on milk commission base  
*Gonzalo Ferreira, Ph.D., Department of Dairy Science, Virginia Tech*
- 2:30 pm** Break
- 3:00 pm** Robots Panel—Case 1  
*Coty Goodwin—Grand View Dairy Farm, Gordonsville, Virginia*
- 3:20 pm** Robots Panel—Case 2  
*Laura Flory—Hillside Farm, Dublin, Virginia*
- 4:00 pm** Robots Panel—Case 3  
*Billy French—French Brothers Dairy, Woodstock, Virginia*
- 4:20 pm** Panel Discussion — Open for Questions
- 4:50 pm** Adjourn

Visit [www.cpe.vt.edu/vsfa](http://www.cpe.vt.edu/vsfa) to register.

The American Registry of Professional Animal Scientists (ARPAS) will award 11 ARPAS CEU's for this course to ARPAS members.

ARPAS members should apply for credit using the ARPAS website or by sending an email requesting credit for their attendance to Cornicha Henderson at [cornichaH@assochq.org](mailto:cornichaH@assochq.org)