

## Program

8:15-9:00	REGISTRATION / Visit Exhibitors
9:00-9:30	<i>Weather Update – 2019 Growing Season</i> – Kyle Imhoff
9:30-10:15	<i>Diseases Updates</i> – Dr. Alyssa Collins
10:15-10:45	BREAK / Visit Exhibitors
10:45-12:00	<i>Forages from PA to CA: Many Systems, Common Goals</i> – Dr. Charlie Brummer
12:00-1:00	LUNCH / Awards / Visit Exhibitors
1:00-1:45	<i>Operation Overview</i> – George Lake
1:45-2:00	BREAK / Dessert / Visit Exhibitors
2:00-2:30	<i>Ecotypes and Endophytes – What’s New in Tall Fescue Varieties?</i> – Dr. Charlie Brummer
2:30-3:00	PANEL – Expert Panel

### Keynote Presentations Given at Grantville Location

(Broadcast live to satellite locations)

#### *Forages from PA to CA: Many Systems, Common Goals*

Forage systems often differ radically, but the goals in all of them are essentially the same – growing a crop with the persistence, yield, and quality to optimize meat and/or milk production. I’ll discuss what I’ve observed from actively studying forage production throughout the U.S. and in many temperate areas of the world. In the process, I hope to stimulate thinking about how we can get the most from our forage based systems in this era of depressed prices and variable weather patterns.

#### *Ecotypes and Endophytes – What’s New in Tall Fescue Varieties?*

Tall fescue is a widely adapted and highly resilient cool season grass. New varieties make fescue an excellent choice for many forage systems. I’ll discuss new developments in tall fescue improvement, including types and value of endophytes and the differences between and advantages or disadvantages of summer active vs. summer dormant cultivars, particularly in PA.

## About Our Speakers

### Keynote Speaker: Dr. Charles Brummer

Dr. Charlie Brummer grew up on a diversified crop, livestock, and vegetable farm in Juniata County, Pennsylvania, and studied agronomy at Penn State before graduate school at the University of Georgia. Since obtaining his Ph.D. in 1993, he has been on the faculty at Iowa State University, the University of Georgia, the Samuel Roberts Noble Foundation, and currently, at the University of California, Davis. At Davis, he is the director of the plant breeding center. Charlie conducts research on the agronomy, breeding, and genomics of alfalfa, tall fescue, and other forage crops with colleagues throughout the U.S. and the world. He teaches courses in forage crop management and advanced plant breeding. In 2017, he was president of the Crop Science Society of America.

### Kyle Imhoff

Kyle Imhoff has been the Pennsylvania State Climatologist since 2015 and joined the Climate Office in 2011. In addition to long-range forecasting, Kyle’s research interests include numerical weather prediction, weather risk assessment, and decision support tool development. Kyle is a member of the American Association of State Climatologists and teaches courses in weather forecasting and climate studies.

### Dr. Alyssa Collins

Dr. Alyssa Collins is an assistant professor in the Department of Plant Pathology & Environmental Microbiology at Penn State. Her research and extension focus on applied disease management in corn, soybean, and other field crop systems. She is also the director of the Penn State Southeast Agricultural Research & Extension Center where she oversees research and extension activities in agronomy, horticulture, and environmental impacts of ag practices.

### George Lake

George Lake is the owner and operator of Thistle Creek Farms in Tyrone, Pennsylvania. A retired Marine colonel and commercial airline pilot for Continental Airlines, George has turned his attention to producing high-quality grass-fed beef.

Please detach and complete the registration form on the opposite side.

Mail, fax, or email the completed form with payment to:

Pennsylvania Forage and Grassland Council  
Attn: Terri Breon  
174 Crestview Drive  
Bellefonte, PA 16823

Fax: (814) 355-2452

Email: [PAForageGrassland@gmail.com](mailto:PAForageGrassland@gmail.com)

## PFGC Forage Conferences

February 21, 2019

### REGISTRATION

(Postmarked by **February 15** to receive Early-Bird discount)

Name

Company / Farm

Address

City, State, Zip

Email

Phone

### LOCATION

Please choose your conference location:

**Grantville**

Early-Bird Registration: **\$45.00** (Must be post-marked by Feb. 15)

Late Registration or at the door: **\$60.00**

**Satellite Locations:**

**Greensburg**  **Mercer**  **Mifflinburg**  **Towanda**

Early-Bird Registration: **\$20.00** (Must be post-marked by Feb. 15)

Late Registration or at the door: **\$60.00**

### PAYMENT INFORMATION

By Check: Make checks payable to "PFGC" and mail to

**Pennsylvania Forage and Grassland Council**

**Attn: Terri Breon**

**174 Crestview Drive, Bellefonte, PA 16823**

By Credit Card: Complete the following and mail to address above, fax to (814) 355-2452, or email to PAForageGrassland@gmail.com.

Name

Account Number

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Expiration

## Questions?

If you have questions regarding registration, please contact Terri Breon at: 814-355-2467 or PAForage-Grassland@gmail.com.

For additional information regarding the content of the program, commercial sponsorship, or exhibit space, please contact Jessica Williamson at: 814-865-9552 or jaw67@psu.edu.

## Conference Locations

### Grantville

Holiday Inn Harrisburg- Hershey  
604 Station Road, Grantville, PA 17028  
Phone: (717) 469-0661

### Greensburg

Westmoreland Co. PSCE Office  
214 Greensburg-Donohoe Station Rd # E,  
Greensburg, PA 15601

### Mercer

PSCE Office Auditorium  
463 North Perry Highway  
Mercer, PA 16137

### Mifflinburg

Union County Extension Office  
343 Chestnut Street, Suite 3  
Mifflinburg PA 17844

### Towanda

Bradford PSCE Office Large Meeting Room  
200 Main Street, Suite 3  
Towanda, PA, 18848



*The Pennsylvania Forage  
and Grassland Council  
proudly presents the*

# PENNSYLVANIA FORAGE CONFERENCES

## Thursday, February 21, 2019

Holiday Inn Harrisburg-Hershey  
**Grantville**

Westmoreland Co. PSCE Office  
**Greensburg**

PSCE Office Auditorium  
**Mercer**

Union County Extension Office  
**Mifflinburg**

Bradford PSCE Office  
**Towanda**

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