

1:00 p.m.**Welcome**

Nathan Collins, Ph.D.
Associate Advisor Technical Consultation, Elanco
Animal Health

1:10 p.m.**War and Peace: The Implications of Immunity on Metabolism and Nutrition**

Kim Livingston, Ph.D.
Associate Advisor Technical Consultation, Elanco
Animal Health

1:45 p.m.**Nutrition and Coccidiosis**

Woo Kim, Ph.D.
Associate Professor Department of Poultry
Science, University of Georgia

2:30 p.m.**Every Part of Yeast is the Best Part**

Matt Baulez, MBA
Global Category Manager Monogastric Feed
Additives, Lallemand Animal Nutrition

3:15 p.m.**Break****3:45 p.m.****Free Fatty Acid Removal from Oil using Magnetic Nanoparticles**

Daniel Sabo, Ph.D.
Research Scientist II, Georgia Tech Research
Institute

4:30 p.m.**Elanco's Engagement and Advocacy in the Food Industry**

Bill Gutrich, MBA
Sr. Director Food Industry Engagement, Elanco
Animal Health

5:00 p.m.**Reception****Morning Session****Presiding**

Hunter Walters, Ph.D., Tyson Foods

8:00 a.m.**Dietary Fiber From Crude to Refined: Unraveling Its Value on Animal Performance**

Gilson Gomes, Ph.D.
Head of Global Technical Service, AB Vista

8:45 a.m.**Understanding of Phosphorus Digestibility and Its Application in Commercial Broiler Feed Formulation**

Peter Plumstead, Ph.D.
Innovation Director, Chemunique

9:30 a.m.**Break**

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**10:00 a.m.****Microalgal Protein and Amino Acid Digestion and Utilization: Mechanism & Implication**

Xingen Lei, Ph.D.
Professor, Animal Sciences, Cornell University

10:45 a.m.**Practical Pullet and Breeder Nutrition**

Dave Burnham
Nutritionist, House of Raeford

11:30 p.m.**Lunch**

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**Afternoon Session****Presiding**

Hunter Walters, Ph.D., Tyson Foods

1:00 p.m.**Mineral Nutrition in Broilers: Where Are We At?**

Rick Kleyn
Consultant, SPESFEED Consulting Ltd.

1:45 p.m.**Heat Damage, Maillard Reactions and Measurement of Reactive Lysine In Feed Ingredients and Diets**

Hans Stein, Ph.D.
Professor, Animal Sciences, University of Illinois

2:30 p.m.**Break**

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**2:45 p.m.****Understanding Corn Variability**

Edgar Oviedo, Ph.D.
Extension Poultry Specialist, Broiler Management,
North Carolina State University

3:30 p.m.**Recognition of Student Attendees and Sponsor Support**

Rocky Latham, Ph.D.
Senior Nutritionist, Tyson Foods;
Franco Mussini, Ph.D.
Technical Services Manager, Danisco Animal Nutrition (IFF)

3:45 p.m.**University of Arkansas Center of Excellence in Poultry Science Update**

Dave Caldwell, Ph.D.
Director, Center of Excellence for Poultry Science
Professor and Head, Department of Poultry Science
University of Arkansas

4:00 p.m.**KEYNOTE SPEAKER****McDonald's Protein Sustainability**

Banks Baker
Manager, Animal Welfare and Agriculture,
McDonalds Corporation

Morning Session**Presiding**

Austin Jasek, Ph.D., Zinpro

8:00 a.m.**Animal Agriculture - Moving From Defense To Offense To Unlock Sustainability Solutions**

Jeff Simmons
President and CEO, Elanco Animal Health

8:45 a.m.**Sustaining Competitiveness In Times Of Uncertainty and Volatility: A Latin American Perspective**

Antonio Kalinowski, Ph.D.
Director of Live Operations, Cargill Protein Latin
America

9:30 a.m.**Break****9:45 a.m.****Amino Acid Responses In Conventional and Slow Growing Broilers**

Alex Corzo, Ph.D.
Senior Poultry Nutrition Specialist, Aviagen

10:30 a.m.**Accessing Dietary Branched-Chain Amino Acids To Achieve Linear Programming Goals Through Model Extrapolation and Empirical Research**

Mike Kidd, Ph.D.
Professor, Poultry Science, University of Arkansas

11:15 a.m.**Adjourn****12:00 p.m.****Golf Tournament Lunch**

Bella Vista Country Club, Bella Vista, AR

1:00 p.m.**Golf Tournament**

Bella Vista Country Club, Bella Vista, AR