



Economic Research Service



***Challenges to Changing Antibiotic Use in Food Animal
Production: Economics, Data, and Policy***

**National Press Club, Washington, D.C.
September 6-7, 2018**

Draft Agenda 8-8-18

Thursday, September 6

- 1:00 p.m. **Welcome**
Stacy Sneeringer, Ph.D.
Senior Research Economist, Economic Research Service, USDA
- 1:15 p.m. **Keynote Address**
Mary Bohman, Ph.D.
Administrator, Economic Research Service, USDA

Session 1: Impacts of 2017 FDA Antibiotic Use Policies on Producers

- Moderator: Roxann Brooks Motroni, DVM, Ph.D.
National Program Leader for Animal Health
Agricultural Research Service, USDA
- 1:30 p.m. **VFD Implementation Impacted Pig Farmers, Their Veterinarians, and Feed Providers: Perspectives and Lessons Learned**
Lee Schulz, MS, Ph.D.
Associate Professor and Extension Livestock Economist
Iowa State University
- 2:00 p.m. **Experiences of New York State Dairy Farms with VFD Implementation: Perspectives from Farmers and Industry Professionals**
Kelsey O'Shea
Farm Business Management Specialist, North Country Regional Ag Team
Cornell University
- 2:30 p.m. **Networking break**
- 2:45 p.m. **Impact of the VFD Changes at the Farm Level**
Phil Durst
Senior Extension Dairy Educator, Michigan State University

- 3:15 p.m. **Core Stewardship Principles for VFD Medicated Feed**
Mike Murphy, DVM
Veterinary Medical Officer, Office of the Director
Center for Veterinary Medicine, U.S. Food and Drug Administration

Session 2: Evaluating Producer Demand for Antibiotics

- Moderator: Nigel Key, Ph.D.
Senior Research Economist, Economic Research Service, USDA
- 3:45 p.m. **Managing Derived Demand for Antibiotics in Animal Agriculture**
David Hennessy, Ph.D.
Professor, Department of Agricultural, Food and Resource Economics
Michigan State University
- 4:15 p.m. **Evaluating Animal Health Policies Using Livestock Production Data:
Facts, Figures, and Opportunities**
Elliott Dennis, MS, MBA
Department of Agricultural Economics, Kansas State University
- 4:45 p.m. **Re-cap, and Overview of Day 1**
- 5:00 p.m. **Adjourn**

Friday, September 7

Session 3: Collection of Data on Antibiotic Sales

- Moderator: Jim MacDonald, Ph.D.
Branch Chief, Structure, Technology, and Productivity Branch
Economic Research Service, USDA
- 8:30 a.m. **What Antibiotic Use Data Can and Can't Tell Us**
Mike Apley, DVM, Ph.D., DACVCP
Frick Professor of Clinical Sciences, College of Veterinary Medicine
Kansas State University
- 9:00 a.m. **Monitoring Antibiotic Use in the Swine Industry** (tentative title)
Peter Davies, BVSc, Ph.D.
Professor, Department of Veterinary Population Medicine
University of Minnesota
- 10:00 a.m. **Networking break**

- 10:15 a.m. **Characterizing US Animal Drug Consumption by Sales**
Neal Bataller, ME, DVM
Director, Division of Surveillance
Center for Veterinary Medicine, FDA
- 10:45 a.m. **FDA's Proposed Biomass Denominator Method**
Susan Bright-Ponte, DVM, MPH, Diplomate ACVPM
Veterinary Medical Officer, Division of Surveillance
Center for Veterinary Medicine, FDA
- 11:15 a.m. **Panel: Challenges to Data Collection of Antibiotic Use and Sales**
Mike Apley
Peter Davies
Neal Bataller
Susan Bright-Ponte

12:00 p.m. **Lunch**

Session 4: Impacts of Veterinary Feed Directive Policies on Veterinarians

- Moderator: Timothy Kurt, DVM, Ph.D., Scientific Program Officer,
Foundation for Food and Agriculture Research
- 1:00 p.m. **How the VFD Impacted Veterinarians' Bottom Line**
Gail R. Hansen, DVM, MPH
Senior Consultant, Hansen Consultants
- 1:30 p.m. **Impact of FDA Veterinary Feed Directive Policies on Practicing Veterinarians: Results of a Quantitative Survey**
Cassidy Rist, DVM, MPH
Assistant Professor, Center for Public and Corporate Veterinary Medicine
Virginia-Maryland College of Veterinary Medicine

Session 5: Developing New Animal Pharma Products

- Moderator: Hyun Lillehoj, Ph.D.
Senior Research Immunologist, Animal and Natural Resources Institute
Agricultural Research Service, USDA
- 2:00 p.m. **Applicability to Animal Pharma of Drug Research and Development Incentive Mechanisms Currently Used in Human Pharma**
Stacy Sneeringer, Ph.D.
Senior Research Economist, Economic Research Service, USDA
- 2:30 p.m. **Antibiotic Stewardship in Animal Agriculture**
Karin Hoelzer, DVM, Ph.D.
Senior Officer, Health Programs, Pew Charitable Trusts

3:00 p.m. **Networking break**

Session 6: Markets for Products Labeled as Raised with Fewer Antibiotics

Moderator: Sandra Hoffmann, Ph.D.
Senior Research Economist, Economic Research Service, USDA

3:15 p.m. **Structural Challenges of Supplying U.S. Beef Raised with Fewer Antibiotics**

Maria Bowman, Ph.D.
Research Economist, Economic Research Service, USDA

3:45 p.m. **Evaluation of Consumer Demand and Price Premiums for Poultry Products Raised Without Antibiotics**

Elina Page, Ph.D.
Research Economist, Economic Research Service, USDA

4:15 p.m. **Price Premium and Welfare Losses of the ‘Natural’ Label: A Machine-Learning Application**

Gianna Short, Ph.D. Candidate in Applied Economics
University of Minnesota, and
Pathways Intern, Economic Research Service, USDA

4:45 p.m. **Re-cap, and Overview of Day 2**

5:00 p.m. **Adjourn**

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