

H5N1 and Agriculture

A Public Webinar



TUESDAY, JUNE 25, 2024

FINAL AGENDA

Purpose

- Understand origins and spread of high-pathogenic avian influenza H5N1
- Learn about the national public and private response to the outbreak
- Examine impacts on animals and animal product production, including on workers
- Understand economic and trade burdens of the outbreak
- Explore what is novel (about the virus, the One Health approach to address it, etc.)
- Learn what factors can help predict the spread of the virus

1:30–1:35

Welcome and Introduction

Jill McCluskey, PhD, *BANR Chair*

Distinguished Professor of Sustainability and Director, School of Economic Sciences,
Washington State University

Bernadette Dunham, DVM, PhD, *Moderator*

Former Director, Center for Veterinary Medicine, U.S. Food and Drug Administration; Lecturer,
George Washington University.

1:35–1:55

Historical Perspective on Highly Pathogenic Avian Influenza, and role of the National Animal Health Laboratory Network

Kimberly Dodd, DVM, PhD, MS

Director, Veterinary Diagnostic Laboratory, and
Incoming Dean, College of Veterinary Medicine, Michigan State University

1:55–2:40

Federal Response to the Outbreak

Rosemary Sifford, DVM, Deputy Administrator, Veterinary Services, and
Chief Veterinary Officer, Animal and Plant Health Inspection Service, U.S. Department of
Agriculture

Lizette O. Durand, PhD, VMD, DACVPM, Commander, US Public Health Service
Chief Veterinary Officer, Influenza Division, National Center for Immunization and Respiratory
Diseases, Centers for Disease Control and Prevention

Tristan Colonius, DVM, MPA, DACVPM, Chief Veterinary Officer and
Deputy Director for Science Policy at the Food and Drug Administration's
Center for Veterinary Medicine

2:40–3:10 **Industry Perspectives**

Jamie Jonker, PhD
Chief Science Officer, National Milk Producers Federation

Michelle Kromm, DVM, MPH, MAM, Diplomate ACPV
Food Forward, LLC

3:10–3:25 **Anticipated Economic and Trade Impacts**

Thomas Marsh, PhD
Distinguished Professor, Paul G. Allen School for Global Health
and the School of Economic Sciences, Washington State University

3:25–4:00 **Wrap up and adjourn.**

Challenges and Opportunities for Agriculture and Sustainable Aviation Fuel

A Public Webinar



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PURPOSE

- Understand demand drivers for Sustainable Aviation Fuel (SAF)
- Understand the potential agricultural and other feedstocks and amounts that go to SAF.
- Identify technological and other approaches to reducing carbon intensity of agricultural feedstocks and of aviation fuel production.
- Explore, policies, incentives, and guardrails to optimize outcomes of agricultural participation in SAF markets.
- Identify opportunities to harmonize policies for SAF and a sustainable biobased economy.

4:00–4:05 pm **Welcome and Introduction**

Jill McCluskey, PhD, *BANR Chair*, Distinguished Professor of Sustainability and Director, School of Economic Sciences, Washington State University

Roger Wyse, PhD, Co-founder & Managing partner, Spruce Capital Partners, LLC, *Moderator*

4:05–4:20 pm **A Primer on Sustainable Aviation Fuel (SAF)**

Michael Wolcott, PhD

Regents Professor, Vice President for Research, Washington State University and Director, Aviation Sustainability Center (ASCENT)

4:20–4:35 pm **Agriculture and Sustainable Aviation Fuel**

William Goldner, PhD, National Program Leader, Biofuel and Bioeconomy Systems Institute of Bioenergy, Climate, and Environment
National Institute of Food and Agriculture, U.S. Department of Agriculture

4:35–5:05 pm **PANEL SESSION: Toward the Requirement for Reduced Carbon Intensity (7 min. each)**

Michael Wang, PhD, Director of the Systems Assessment Center, Argonne National Laboratory

Uising Lee, PhD, Principal Energy Systems Analyst, Argonne National Laboratory

The GREET model for agriculture feedstocks.

Jennifer Holmgren, PhD, CEO, LanzaTech

Recycling waste CO₂ from the fuel making process.

PANEL SESSION (Continued): Toward the Requirement for Reduced Carbon Intensity

Karsten Temme, PhD, CEO, Pivot Bio

Replacing synthetic N with microbial fixed N

Mr. Paul Overby, CEO, Lee Farms

Regenerative agriculture and feedstocks for SAF

5:05–5:25 pm Anticipating Unintended Consequences of Agricultural Participation in SAF

Mr. Hugh Bromley, Senior Analyst, BloombergNEF

Madhu Khanna, PhD, Distinguished Professor of Environmental Economics,
University of Illinois, Urbana-Champaign

5:25–5:55 pm What Does Good Policy Look Like?

William Hohenstein, PhD, Director, Office of Energy and Environmental Policy
Office of the Chief Economist, U.S. Department of Agriculture

Nafisa Lohawala, PhD, Fellow, Resources for the Future

5:55-6:10 pm Discussion: What Does Good Policy Look Like?

Additional comments from webinar presenters.

6:10-6:15 pm Wrap up and Adjourn.
