

**NC1183: Mycotoxins in a Changing World  
Annual Meeting**

**May 19-21, 2026**

The *NC-1183: Mycotoxins in a Changing World* will be held in conjunction with the annual meeting of the Corn Dry Milling Conference (CDMC) again this year. Since 1959, the Corn Dry Milling Conference has provided a forum for the entire value chain to share the latest research on corn, corn milling, consumer trends, product production, quality, and testing.

**Registration:** <https://www.namamillerevents.org/2026CDMC>



**Location:**

**[Donald Danforth Plant Science Center](#)**

975 N Warson Rd, Saint Louis, MO 63132

[www.danforthcenter.org](http://www.danforthcenter.org)

**Teams link:**

**<https://teams.microsoft.com/meet/2247507934344?p=IKiX7IYq0UtAQVEYOX>**

Meeting ID: 224 750 793 434 4

Passcode: wg7kE3aa

**Meeting Organizers:**

Dr. Xiangwei (Shaun) Du, ([x.du@missouri.edu](mailto:x.du@missouri.edu))

College of Veterinary Medicine, University of Missouri

Dr. Martha Vaughan ([Martha.Vaughan@usda.gov](mailto:Martha.Vaughan@usda.gov))

USDA ARS Mycotoxin Prevention & Applied Microbiology Research Unit (MPM)

**Agenda**

*Note: All times are given as US Central Daylight Time (CDT)*

**Tuesday, May 19**

**12:00 PM** – Welcome and Teams Setup

- Informal Networking

**12:30 PM** – Opening Remarks and Meeting Overview

- Dr. Xiangwei (Shaun) Du, University of Missouri
- [Dr. Gary Munkvold](#), Iowa State University

- [David S Jackson](#) - Logistics
- Goals, Objectives, and Timeline for Deliverables

**1:00 PM** – Dr. Xiangwei (Shaun) Du, University of Missouri. Topic: “Determination of Fusarium Mycotoxins: Nivalenol, Deoxynivalenol and Its Acetyl Derivatives in Wheat ”  
Email: [x.du@missouri.edu](mailto:x.du@missouri.edu)

**1:30 PM** – Dr. Rong Di / Dr. Michael Lawton, Rutgers University. Topic: “CRISPR-gene editing to improve crop drought tolerance and disease resistance”  
Email: [di@sebs.rutgers.edu](mailto:di@sebs.rutgers.edu); [lawton@sebs.rutgers.edu](mailto:lawton@sebs.rutgers.edu)

**2:00 PM** – Lisa Vaillancourt, University of Kentucky. Topic: “The 3ADON chemotype does not directly confer higher levels of aggressiveness, toxicity, or competitiveness to *Fusarium graminearum*”  
Email: [vaillan@uky.edu](mailto:vaillan@uky.edu)

**2:30 PM** – Dr. Geromy Moore, USDA ARS, Food and Feed Safety Research Unit, New Orleans. Topic: “Exploiting *A. flavus* for early detection and mitigation of aflatoxin producing fungi.”  
Email: [geromy.moore@usda.gov](mailto:geromy.moore@usda.gov)

**3:00 PM** – Coffee Break

**3:30 PM** – Dr. Wenwei Xu, Texas A&M AgriLife Research. Topic: “Corn Breeding for stress tolerance and mycotoxin resistance.”  
Email: [wxu@ag.tamu.edu](mailto:wxu@ag.tamu.edu)

**4:00 PM** – Pierce Paul, Ohio State University. Topic: “Development and Deployment of DON Prediction Models.”  
Email: [paul.661@osu.edu](mailto:paul.661@osu.edu)

**4:30 PM** – Dr. David Schmale, Virginia Tech. Topic: “From Samples to Solutions: 20 Years of Trichothecene Mycotoxin Testing Services at Virginia Tech.”  
Email: [dschmale@vt.edu](mailto:dschmale@vt.edu)

**5:00 PM** – Dr. William Hay, USDA ARS, Mycotoxin Prevention and Applied Microbiology, Topic: “The Impact of Photoperiod and Host on *Fusarium* Mycotoxin Contamination.”  
Email: [William.Hay@USDA.gov](mailto:William.Hay@USDA.gov)

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## Wednesday, May 20

**7:30 AM – 8:00 AM** –Welcome and Teams Setup

- Informal Networking
- Coffee/tea/water all day

**8:00 AM** – Discussion

**8:30 AM** – Discussion

**9:00 AM** – Andy Vickers, POET. Topic: Navigating Mycotoxin Challenges in Ethanol Production and Corn Products.” *(Invited)*

**9:30 AM** – Coffee Break

**10:30 AM** – Panel of Miller’s: Impact of mycotoxins on the industry and other related topics

**11:30 AM Working Lunch - NAMA sponsored**

**11:00 – 12:00 PM** – University Scientist Panel

NC1183 Panel of University Scientists – Collaborative Research Efforts to Address Mycotoxin in US grains. (What the NC1183 structure is about? What other organizations are there?) David Schmale, Lisa Vaillancourt, Gary Munkvold, Pierce Paul, Xiangwei Du

**Closing Remarks and Adjournment**

**1:00 PM – 5:00 PM – Corn Dry Millers Conference**

All NC – 1183 Meeting Participants are Invited

**5:00 PM -6:30 PM** – Poster Presentations & Reception McDonell Atrium

Poster board size: 3 feet wide by 4 foot tall (46 inches width x 58 inches height)

**Wednesday, May 21**

**9:00 AM – 12:00 PM – Corn Dry Millers Conference**

All NC – 1183 Meeting Participants are Invited