IGP Institute Hosts IAOM–KSU Introduction to Flour Milling Course

The International Association of Operative Millers (IAOM) and the IGP Institute at Kansas State University held the IAOM–KSU Introduction to Flour Milling Course August 16–20 at the IGP Institute Conference Center. The course provided an overview of the milling process to a group of 10 participants from various milling and manufacturing companies, and was taught by IGP faculty members from the Department of Grain Science and Industry at Kansas State University.

Course manager and instructor, Shawn Thiele, stated that the objective of the course is to provide an understanding of the milling process and how the various types of wheat and wheat quality affect flour functionality and the baking process. In addition to classroom lectures, participants experienced hands-on learning in the Shellenberger Hall tabletop milling lab, the Hal Ross Flour Mill, and the baking lab where they milled wheat and then baked cookies, bread, and cakes using different types of flour to demonstrate the effects on finished product quality.
August Trainings and Activities

- AFIA/KSU 500: Fundamentals of Feed Manufacturing: 40 participants
- AFIA/KSU 500: Fundamentals of Feed Manufacturing (USSEC): 40 participants
- SEC Americas Basic Level Poultry Track: 38 participants
- SEC Nigeria Basic Level Poultry Track: 25 participants
- IGP–KSU Pet Food Workshop: 11 participants
- IGP–KSU Extrusion Processing: 16 participants
- IAOM–KSU Flour and Dough Analysis: 11 participants
- IAOM–KSU Introduction to Flour Milling: 10
- NGFA–KSU Food Safety Modernization Act: 38 participants
- Presented Notes and Observations in International Commodity Markets. A weekly set of headline articles of events impacting the international grain and oilseed markets; distributed to faculty, key stakeholders, and an international audience, as well as being posted on the Ag Manager website. Learn more at https://www.grains.k-state.edu/igp/on-site-training/grain-marketing/
- Recap of Weekly U.S. Grain and Oilseed Export Shipment and Sales. A weekly set of analysis and data recapping the recent and year to date export shipment and sales. Distributed internally to IGP and to key stakeholders, and an international audience, as well as being posted on the Ag Manager website.
- KSU Agriculture Today, with Eric Atkinson – Podcast: Prepared and presented the 20 minute podcast covering: “Highlights of Issues Facing the International Grain Trade” reflected in this month’s USDA WASDE International Trade Markets Report
- USSEC Republic of China – “On-Line” Presentation to End User Group – Current Issues in International Freight Markets – Bulk and Intermodal
- Attended annual KSU - Profit and Risk Conference hosted by the Department of Agricultural Economics; in person and virtual. Prepared and presented with Dr. Dan O’Brien in break-out sessions on: “International Grain Markets and Trends”
- Attended advance Trading Inc. – Pre-Harvest Outlook Meeting
- Attended USSEC–SSGA U.S. Global Trade Exchange in St. Louis, Missouri
- Presented at the IAOM-KSU Flour and Dough Analysis course on Mycotoxin Control
- Presented in behalf of USSEC at the APROBAL webinar (Ecuadorian Feed Manufacturing Association) on Handling and Storage of Grains, Mycotoxin Control, and Circular Economy in Feed Manufacturing
- Conducted virtually the launch of the first SEC Americas Poultry Track Basic Level course
- Conducted virtually the USSEC SEC Nigeria Poultry Track Basic Level course third offering
- Conducted on-site the NGFA-IGP FSMA Course
- Conducted virtually the SEC Americas Poultry Track Basic Level course first offering
- Presented in behalf of USSEC at APROHABA (Honduran Feed Manufacturing Association) on Good Storage Practices, Pest Control, and How to Measure CV in Feed Mixers
- Presented at the USSEC Biosecurity Project for the Dominican Republic on various Feed Mill Biosecurity topics
- Provided technical information in behalf of USSEC to one of their marketing contractors
- Presented in behalf of USSEC at GRETAVI webinar (Guatemalan Poultry Professionals Association) on Grain Storage and Quality Control
- Attended USSEC SEC Steering Committee Meeting in St. Louis, Missouri
- Conducted virtual USSEC New Trends in Nutrition and Processing course
- Met and presented to U.S. Global Leadership Coalition
- Attended KARL Training in Council Grove, Kansas
- Attended and presented at IAOM Technical Committee Meeting in Little Rock, Arkansas
- Attended IAOM annual conference and expo in Little Rock, Arkansas