



International Grains

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Upcoming Short Courses

Recent Advances in Biofuels
March 7-8

AIB-IAOM-KSU Grain Milling:
Safety and HACCP Workshop
March 8-10

Buhler-KSU Expert Milling
English
March 21-25
Spanish
March 28-Apr. 1

Grain Purchasing
April 4-15

Buhler-KSU Mill Maintenance
April 12-14

Starch: Chemistry, Properties and
Applications
May 17-19

For more information, visit
www.grains.k-state.edu/igp



International Grain Professionals Train at K-State



Nigerian USDA Cochran Fellows, Itseumah, Kolo and Adetola, met with Margo Caley at the USDA-ARS-NPA, Center for Grain and Animal Health Research to learn about her work in the wheat variety development quality evaluation lab.

Grain industry executives and government officials from India, Nigeria and Jordan recently met with industry experts at K-State and U.S. Department of Agriculture facilities to learn about some of the latest research in the industry as part of the USDA Cochran Fellowship Program.

Participants from India visited the U.S. from Aug. 14-25, Nigerian participants Aug. 29-Sept. 11, and Jordanian participants Sept. 26-Oct. 6. All three visits were coordinated by David Frey, international project development coordinator for K-State's Department of Grain Science and Industry, and hosted by the International Grains Program.

The Cochran Fellowship Program is a part of the USDA Foreign Agricultural Service. Begun in 1984, the program brings people from all over the world to the U.S. to train them in different agriculture-related topics, according to Marielsie Avila, international

training specialist, Cochran Fellowship Program for Africa and the Middle East. Cochran fellows are from developing countries with growth potential from all regions of the world, Avila says.

In addition to designing programs to help participants better meet the food and fiber needs of their countries, Frey says, that these programs also strengthen trade between the participants' countries and the U.S.

The three Cochran Fellowship Program groups that IGP hosted focused on different topics. The Indian group's focused on warehousing and storage. The Nigerian group's focus was on grain grading standards and the Jordanian group's focus was on food inspection.

Indian Cochran Fellowship

The two participants from India toured USDA facilities and visited with local warehousing experts.

Frey says that a large part of the group's visit was detailed discussion and interaction with the USDA Farm Services Agency Commodity Operations Office in Kansas City. They were able to observe and learn about the practices of the Commodity Office. The participants also met with K-State grain science experts.

"The group was exposed to some of the latest research and some of the practical ways grain is stored at Kansas State University's Department of Grain Science. We had some extensive discussions and a field trip with Dr. Subramanyam Bhadriraju," Frey says.

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Message from the Associate Director



As 2010 closed, IGP faculty and staff reflected on the year's accomplishments, while looking forward to new opportunities in 2011. The last three months of 2010, we hosted 6 courses with representatives from 12 countries. We broke new ground by offering our first webinar series conducting nine webinars reaching more than 100 individuals from 15 countries. We partnered with AIB

International for our first seminar focused on food safety by offering a HACCP course for the grain processing industry.

As part of our mission of promoting the preference for U.S. cereal grains and oilseeds, I had the opportunity to visit many of our important customers by attending a number of conferences. My first conference was ABITRIGO, the annual meeting of the Brazilian wheat industry. Next I attended ALIM, the annual conference for the association

of the milling industry in Latin and South America. Finally, I participated in the Middle East/Africa district meeting of the International Association of Operative Millers in Cape Town, South Africa. Although the audiences for each of these conferences were as diverse as the regions they covered, the themes were similar, including a focus on the available supply of quality milling wheat needed to serve the diverse markets of the world.

Whether it is wheat, corn, soybeans or grain sorghum, our valued customers for U.S. commodities depend on the reliable, consistent supply of these commodities to feed the world. The opportunity to represent the U.S. producers of these valued commodities is rewarding.

As we enter 2011, we will continue to expand the reach of IGP to serve our stakeholders and do our best to establish a preference for U.S. grains and oilseeds commodities by highlighting the value of U.S. commodities through our short courses and industry relations.

Thank you for your support of our program and remember we always welcome your thoughts.

A handwritten signature in cursive script that reads "Mark Fowler".

Mr. Mark Fowler
Associate Director

International Grain Professionals Train at K-State continued

Nigerian Cochran Fellowship Program

The four participants from Nigeria met with Kansas Wheat Commission staff and grain science specialists from K-State, Federal Grain Inspection Service, the USDA-ARS Center for Grain and Animal Health Research as well as traveling to Corpus Christi, Texas, to witness U.S. wheat being loaded for shipment to Nigeria.

Many of the participants are in charge of setting food quality standards within their countries. In fact participant Yunusa Mohammed, principal standards officer of the Standards Organization of Nigeria, is re-working the maize (corn) standards for his organization.

"The standard we were working on before had no aspect of grading. Recently, we were ordered by the government to add the grading aspect in the standard. I was asked to review it. This training has allowed me to gain the prerequisite knowledge needed to add these grading requirements," he says.

Jordanian Cochran Fellowship Program

According to Frey, the program manager, the Jordanian group's focus was not just on grain, but on food safety

standards for all products. They met with state food inspectors in Topeka, Kan., and Brooklyn, N.Y. They visited the Federal Grain Inspection Service technical office in Kansas City, and the USDA Agricultural Research Services' Center for grain and Animal Health in Manhattan, Kan. Participants also met with food safety experts at K-State.

"Kansas State University is becoming a center for food safety, and they met with some of our top people at K-State, including Curtis Kastner, director of the Food Science Institute; Beth Montelone, interim director of the Biosecurity Research Institute; Douglas Powell, food safety expert; and Lakshmikantha Channaiah, molds and mycotoxins specialist in the grain science and industry department," Frey says.

Mohammad Al-Khraisha, Jordan Food and Drug Administration director, says that he really enjoyed meeting with these food safety experts.

"The best part of the course for me are the highly specialized presenters that I have met, people that I have read about and now have learned information from to serve my job better," he says.

by Megan Brouk, IGP

IGP Partners with AIB and IAOM to Hold Grain Milling HACCP Workshop

In cooperation with the AIB International and the International Association of Operative Millers, the International Grains Program held a food safety and hazard analysis critical control point workshop at the IGP Conference Center, Oct. 4-6.

Thirty-five participants attended the workshop, tailored to the grain milling industry. Participants represented the management of grain and food companies from the U.S., Canada, Mexico, Morocco, Nigeria, Senegal and Turkey.

According to Mark Fowler, course coordinator and IGP associate director, "The workshop was the result of a natural partnership between K-State and AIB. AIB is strong in food plant sanitation, and grain science is a leader in grain processing. We were excited to develop a workshop that fit the food safety needs of our participants from the grain processing industry."

In addition to the classroom lectures and activities of a typical AIB food safety workshop, the participants experienced the added benefit of having an on-site food processing facility, the Hal Ross flour mill. Participants developed a practical HACCP program for the mill.

Hitch says, "The workshop was a hands-on program. Attendees worked together to put together a basic HACCP plan. During the workshop, we broke into groups for discussions and examples of ways to conduct the analysis and verification and validation of the HACCP program."

While AIB has partnered with the grain science and industry department before, this is the first time IGP and AIB have worked together to put on a workshop. Fowler says that after the success of this workshop, IGP and AIB plan on holding it again March 8-11.

by Megan Brouk, IGP

IGP, USGC, USCP Collaborate to Hold Course in Texas

The International Grains Program collaborated with the U.S. Grains Council and the United Sorghum Checkoff Program to host the USGC/USCP Mexican Sorghum Buyers short course in Amarillo, Texas, Nov. 14-19. Ten participants from Mexico attended the short course.

"This course targeted the next generation of feed manufacturing owners and business leaders in the state of Jalisco, Mexico," says Jay O'Neil, IGP senior agricultural economist and course coordinator. "Participants of this course learned how grain is originated in the U.S. and how our shipments hedge grain in the futures market for risk management purposes."

According to O'Neil the course is another example of how IGP can conduct programs in off-site locations. Focusing on sampling, grading, marketing, hedging and transportation practices in the U.S., Participants heard presentations from O'Neil, Brian McCuiston of Planter's Grain Cooperative and Miguel Davalos, Attebury Grain, LLC. Close proximity to local venues allowed the course participants to take three field trips to a local grain facility, an ethanol export elevator and a Cargill export elevator in Houston, Texas.

O'Neil explained that hosting the course at an alternative location shows how IGP understands the benefits of flexibility in conducting short courses at other locations to accommodate participants.

"USCP encouraged USGC to host this short course in Texas because of its proximity to local sorghum producers and ability to visit elevators that are engaged in shipments to Mexico," O'Neil says.



Course participants examine a sample of DDGS at Levelland Hockley County Ethanol Plant in Levelland, Texas.

by Amanda Spoo, IGP 3

Buhler Executive Milling

Eleven participants from various grain processing companies explored the steps of the milling process during the Buhler-KSU Executive Milling short course held at the International Grains Program Conference Center, Oct. 25-29.

The course was co-taught by Tobias Nänny, manager of the Buhler Training Center in Uzwil, Switzerland and Chris Miller, KSU Buhler instructor of milling.

According to Miller, the purpose of the executive milling course is to teach the basics of the milling process to executives,

who may have no prior milling experience, so that they may better understand the operations for which they oversee.

To help participants learn the basics of the milling process the course gives an overview of the entire process, Miller says. They start with the structure of the wheat kernel and then discuss cleaning processes, grinding steps, handling and storage of the finished product, mill performance evaluation, and critical control points to check to ensure product safety and quality.

by Megan Brouk, IGP

IGP Highlights Program Coordinator



Since September of 1998, Cathy McGlothin has been coordinating IGP's events and activities.

As program coordinator, McGlothin oversees all of the activities that occur in IGP's Conference Center. This includes all of the short course preparation and implementation as well as the scheduling of any other outside or departmental activities held at the conference center.

In over 12 years at IGP, McGlothin says that interacting with the people who come to IGP's short courses is the most rewarding part of her job.

"It's a real joy and comfort knowing that you've done something to help another person," she says of short course participants. "Especially international participants – they, as a whole, are very appreciative of what we've done for them. I enjoy seeing that."

McGlothin says a unique part of working at IGP is seeing the interactions of people from different countries.

"In their own countries they may have animosity toward the other country, but when they come here and are working together on one goal because it is their career choice or something that they're all involved in, they become close. You see a lot of relationships and friendships that you wouldn't normally see," she says.

She loves her job, she says, but, it keeps her on her toes.

"During a course, you are behind the eight ball a lot. There are things that come up that you're not expecting. The challenge is to make it run so smoothly that no one knows there is a problem," she says.

by Megan Brouk

Updates

October

- 5-6 O'Neil gave a half-day risk management presentation to a group from South East Asia for U.S. Grains Council in Chicago.
- 18-22 Fowler conducted an advanced flour milling seminar at SENAI flour milling training center in Fortaleza, Brazil, sponsored by U.S. Wheat Associates.
- 19-24 Campabadal gave two presentations on grain storage in the tropics and pest control at the Annual National Feed Manufacturing Conference in Costa Rica, sponsored by U.S. Soybean Export Council.
- 25-28 Campabadal presented on grain and feed storage and new technologies in pest control at the 14th National Mycotoxin Meeting and Pet Food Safety Conference in Florianopolis, Brazil.
- 29- Nov. 4 O'Neil visited feed grain customers with U.S. Grains Council and the United Sorghum Checkoff Program and spoke at sorghum usage seminar in Egypt.
- 29- Nov. 6 Campabadal traveled to Rosario and Balcarce, Argentina to work on research collaboration projects.

November

- 6-10 Campabadal presented on new technologies in wheat storage at the AOM Latin America District Annual Meeting and Association of Latin American Industrial Milling Annual Conference in Cartagena, Colombia. Fowler also attended the ALIM conference.
- 14-19 Campabadal traveled to Nicaragua and El Salvador to give technical support in grain quality and storage, sponsored by U.S. Grains Council.
- 22-25 Fowler attended the IAOM Middle East-Africa district meeting in Cape Town, South Africa.
- 29- Dec. 1 O'Neil attended Texas Wheat Commission and Texas Sorghum Producers annual board meetings in Amarillo, Texas.

December

- 5-9 O'Neil attended USB GO strategic planning meeting in St. Louis, Mo.
- 7-8 Fowler attended the Colorado Ag Classic.

IGP Staff

Dirk Maier – IGP Director and Grain Science and Industry Department Head

Mark Fowler – Associate Director

John Howard – Senior Program Specialist

Jay O'Neil – Senior Agricultural Economist

Lisa Moser – Communications and Marketing Coordinator

Carlos Campabadal - Program Specialist

Cathy McGlothin – Program Coordinator

Brandi Miller - Distance Education Coordinator

Bob Bennett – Grain Quality Specialist

Carl Reed – Grain Storage Technologist Emeritus

Harvey Kiser – Senior Agricultural Economist Emeritus

Megan Brouk, Amanda Spoo – Student Communications Specialists