

April 2023

## Department Newsletter

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### Save the Date!

The annual GSI Friends and Alumni Golf Tournament will be held on September 22, 2023, at the Manhattan Country Club.

[Click here for registration information.](#)

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*Kansas State University President Richard Linton welcomed guests to the banquet and provided an update about the progress of the Global Center for Food and Grain Innovation that will replace Shellenberger Hall when completed.*

### **GSI Awards Banquet Recognizes Department Achievements**

The Department of Grain Science and Industry held the 13th Annual Student Scholarship and Industry Awards Banquet on April 27 at the IGP Institute Conference Center. Faculty, undergraduate, and graduate student achievements were recognized along with alumni and industry members who support the department. Nearly 140 people attended the dinner and awards ceremony.

The entire awards listing can be found here:  
<https://www.grains.k-state.edu/newsroom/2023awardsbooklet.pdf>



### **Grain Science Summit Hosts Industry Leaders**

The department welcomed grain industry representatives to campus for two days of meetings to discuss partnership opportunities related to recruiting and educating the next generation of students entering grain science careers.



### **Milling Science Club Members Attend IAOM Annual Conference**

The IAOM Annual Conference was held April 14–17, 2023. Students who accumulated the most points through Milling Science Club activities such as working KSU Open House, departmental football game parking, and packaging Mill Science Club mix products were eligible for the trip. In addition to attending the conference, the students visited two oat milling and three wheat flour milling operations on the way to and from the conference. Our thanks to Quaker Oats, Grain Millers, Bay State, Ardent Mills, and ADM for their hospitality in showing us their operations.



*IMEF (International Milling Education Fund – part of IAOM) scholarship winners were announced at the IAOM Annual Conference April 14–17, in Minneapolis, Minnesota. K-State winners included Brooklyn Terstriep, Megan Hahn, and Monica Hammeke. Not pictured: Camden Kirmer*

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# GLOBAL SUSTAINABILITY SUMMIT



## Grupo Bimbo Holds Global Sustainability Summit at the IGP Institute

More than 50 employees of Grupo Bimbo gathered for a three-day Global Sustainability Summit at the IGP Institute Conference Center held April 18–20. The event featured multiple speakers and presentations along with tours of local farms and grain science facilities.

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### Churchill Elected IAOM Vice President

Fran Churchill, professor of practice in the Milling Science and Industry program, was unanimously elected 2023–24 vice president of the International Association of Operative Millers (IAOM) at the Association's 127th Annual Conference and Expo on April 20. As vice president, Churchill will be responsible for overseeing preparations for the Association's 2024 conference in Salt Lake City, Utah. She is in line to serve as the Association's president from 2024–2025.

While serving as IAOM vice president, she will also be president of the International Milling Education Foundation (IMEF), a philanthropic partner of IAOM that funds a variety of educational programs related to the grain milling industry. Churchill has been an active member of the IAOM Employee Relations Committee since 2015, served on the Education Committee from 1988-1992, and chairs the Women in Milling roundtable that was started in 2020.

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### Grain Science Welcomes New Admissions Representative for Student Recruiting

The department is excited to announce that Casey Doyle has been hired as our new Admissions Representative. Casey fills the new position created to recruit students and help grow our department over the upcoming years. He is very excited to be in Manhattan and looking forward to bringing people to the department and showing them the opportunities a career in grain science can provide.

Casey is a graduate of Emporia State University with a degree in marketing. He was a College Access Advisor at Box Elder High School in Brigham City, Utah, for his first job after college. He then returned to Kansas to work in admissions at Newman University in Wichita for a year before taking this position at K-State.

Even though he went to Emporia State, he is still a huge K-State Athletics fan and has been going to football games his whole life. His favorite restaurant in Manhattan is AJ's NY Pizzeria. He also enjoys golfing, bowling, playing the drums, and listening to classic rock music in his free time.

Please take the opportunity to meet Casey and welcome him to the department.

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### **GSI Feed Science Alumna Provides Technical Expertise to Tanzania**

Grace Hagenmaier, a feed science graduate from the Department of Grain Science and Industry ('13, '15) was selected by Improving Economies for Stronger Communities (IESC) to provide technical assistance and training to the food processing host organization in Tanzania.

Grace and another Tanzanian volunteer were tasked to conduct a thorough fortification process audit, identify gaps, and lead the production and laboratory testing of fortified maize flour samples to help confirm adherence to TZS/EAS Standards. Grace assisted the food processing host and analyzed the findings from the audit and laboratory testing to provide training on root cause analysis of the identified issues. The assignment started in February 2023 and was completed with recommended appropriate actions for the host organization to continue producing fortified maize flour that is safe and nutritious according to TZS/EAS standards.

Grace currently works as a Quality Assurance Manager for Continental Mills in Manhattan, Kansas, leading their food plant's effort in assuring that products/processes meet and exceed food safety, food security, and regulatory compliance. In this role, she ensures product safety by establishing high performance standards in sanitation, GMPs, HACCP, and regulatory compliance.

Visit <https://iesc.org/our-work/where-we-work/> to learn more about IESC's efforts in Tanzania and other locations.

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### **Erin and Ella Martin Selected as College of Ag Ambassadors**

K-State's College of Agriculture recently selected ambassadors for 2023. The new class includes Bakery Science and Management students Erin and Ella Martin. Ag Ambassadors are student leaders who share their experiences with prospective K-State students interested in an Ag major. Congratulations and our thanks for representing Grain Science.

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# 2023 CAES Young Alumni Achievement Award Honorees



**Jessie Bland**  
BSA '10  
Manager of Promotions &  
Marketing  
Georgia Peanut Commission



**Chad Paulk**  
BSA '09  
Associate Professor - Feed Science &  
Management  
Kansas State University



**Tyson Strickland**  
BSA '11  
Veterinarian & Founder  
Custom Livestock Solutions



College of Agricultural &  
Environmental Sciences  
UNIVERSITY OF GEORGIA

## Paulk Named 2023 CAES Young Alumni Achievement Award Honoree

Join us in congratulating the 2023 CAES Young Alumni Achievement Award Honorees which included Chad Paulk, Associate Professor in the Feed Science and Industry program.



*Representatives from the K-State Office of General Counsel had the opportunity to learn about the grain science program and bake bread in the lab along with Elisa Karkle during a tour in April.*



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## **Congratulations to Nelsa Beckman and Jenna Flory**

Please join us in congratulating Nelsa Beckman on the successful defense of her thesis, *"Nutrient utilization of food waster in broiler diets,"* on March 29. Nelsa's advisor is Chad Paulk.

Please also join us in congratulating Jenna Flory on the successful defense of her thesis, *"Understanding Protein Physico-Chemical Properties, Functionality, and Mechanisms Underlying Texturization in Extruded Plant-Based Meat Applications – A Novel Approach for Design of Optimum Structure and Mouthfeel,"* on April 5. Jenna's advisor is Sajid Alavi.

The Graduate Program Committee wishes Nelsa and Jenna continued success in all of their future endeavors.

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## **Hang With Tang**

*K-State head basketball coach, Jerome Tang, and several of the assistant basketball coaches accepted an invitation from bake club officer, Ella Martin, to join the club during a meeting and make pizza with them.*



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## Our Mission

*The mission of the Department of Grain Science and Industry is to advance the global grain and plant-based food, feed, and bioproduct industries through scholarship, research, and outreach.*

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## Connect With Us

### Department of Grain Science and Industry

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