

March 2022

Department Newsletter

News and Activities



K-State Milling Science students and faculty attended Student Day at the Grain Elevator and Processing Society (GEAPS) annual conference on Sunday March 27th. Thanks to GEAPS for organizing this event for our students!



K-State's All-University Open House Returns April 9, 2022

Get ready for the upcoming Saturday, April 9th All-University Open House! It will be “Game On!” from 9:00 a.m. to 3:00 p.m. at K-State’s Manhattan campus. The Grain Science and Industry department has something for everyone this year!

At Shellenberger Hall, you will be able to take part in a pretzel rolling demonstration, buy tasty treats at the bake sale hosted by the Bakery Science Club, or purchase flour and various bread and pancake mixes from the Milling Science Club. Additionally, kids will have an opportunity to make a cake-in-a-cup, learn about different types of grain and flour, and how wheat is milled into flour. Don’t forget to have your photo taken with a live slice of bread!

Free shuttle bus transportation will be provided to our north campus facilities where visitors can tour the Hal Ross Flour mill, and kids can enjoy a grain sensory table, barrel train rides, mixing birdseed, and seasoning corn puffs!

Make plans to join us now!

<https://www.k-state.edu/openhouse/>



Charles Stark and FSM student Nathaniel Wren represented the department at the California FFA State Leadership Conference in Sacramento in March. This event is the largest Career Technical Student Organization conference in California with over 7,000 high school students attending.



The Bakery Science Club hosted an International Baking Night in March. Club president Fernanda Cantu-Corona made Besos de Angel. A popular Brazilian cheese bread, Pao de Queigo was shared by Elisa Karkle, and Hulya Dogan showed the group how to make the Turkish favorite baklava.

Bake Club Activities

Bake club went to American Society of Baking's Bake Tech Feb 29–March 3 meeting with industry professionals and KSU alumni for networking. The group also toured Turano Bakery in Bolingbrook, Illinois.

Bake Club also partnered with the local Optimist chapter to make 80+ loaves of French baguettes for the Optimist's spaghetti dinner fundraiser where they fed 400 people. Funds raised by the group support many youth projects in our community such as the Optimist park and school activities.



Greg Aldrich Promoted to Associate Professor

Greg Aldrich has accepted an Associate Professor position with the Department of Grain Science and Industry. Aldrich originally joined the department in 2012 as a Research Professor. This new position is focused on companion animal food technology and safety, and includes the role of Director of the department's pet food program. This promotion marks a new chapter in the pet food program's journey and with it a chance to expand our undergraduate programs.

AMERICAN SOCIETY OF **ANIMAL SCIENCE** MIDWEST SECTION

Young Scholar Award Recipient



Kara M. Dunmire
Kansas State University

ASAS 2022 Young Scholar Award Recipient

Kara Dunmire, a doctoral student under the advisement of Chad Paulk, was selected as a 2022 Animal Science Young Scholars Award recipient. Kara spoke on the "Influence of Ingredient Quality and Diet Formulation on Amino Acid Digestibility and Growth Performance of Poultry and Swine" at the American Society of Animal Science (ASAS) Midwest Section Annual Meeting which was held in Omaha, Nebraska from March 14 – March 16, 2022.

Congratulations

Allison Blomme, under the advisement of Chad Paulk, successfully defended her thesis, *"Energy content of soybean meal, importation of soy products, and viral detection in inoculated feed and feed ingredients"* on March 31st.

Blake Plattner, under the advisement of Sajid Alavi, successfully defended his thesis, *"Impact of plant protein functionality and extrusion conditions on texture of high moisture meat analogs (HMMAs)"* on April 1st.

Hung-Chi Peng "Benjamin," a doctoral student under the advisement of Yong-Cheng Shi,

was selected as the K-State 2022 Joe Tio International Student Scholarship recipient. The International Student and Scholar Services and the Alumni Association presented Hung-Chi with his \$500 scholarship and award certificate at the International Talent Show in Forum Hall on Saturday, April 2, 2022 at the K-State Student Union.

Distillers Grains Technology Council (DGTC) Scholarship Awardee

Ruijia Hu, a doctoral student under the advisement of Yonghui Li, was selected to receive a \$500 Graduate Student Research Scholarship from the Distillers Grains Technology Council (DGTC). The goal of this scholarship program is to encourage increased research and to reward outstanding research accomplishments in distillers grains topics. Ruijia will give a 5-minute oral presentation, present a research poster and will be recognized at the upcoming Distillers Grains Symposium, which will be held in Omaha, Nebraska on May 11 and 12, 2022.

K-State 2022 International Student Center Scholarship Recipient

Rañia Maire Buenavista, a doctoral student under the advisement of Kaliramesh Siliveru, was selected as a K-State 2022 International Student Center Scholarship recipient. The International Student and Scholar Services and the Alumni Association presented Rania with her \$700 scholarship and award certificate at the International Talent Show in Forum Hall on Saturday, April 2, 2022 at the K-State Student Union.

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.

Connect With Us

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