August 2023
Department Newsletter

Grain Science Friends and Alumni Golf Tournament
Friday, September 22, 2023

Manhattan Country Club
1531 North 10th Street • Manhattan, KS 66502
8:00 a.m. – Social Hour
9:00 a.m. – Shotgun Start
1:30 p.m. – Lunch (Hamburgers) and Awards

Click here to register or for more information

First GSGSO General Meeting of Fall Semester
On September 3, 5:30 p.m. the first GSGSO general meeting of the semester will take place in Shellenberger 311. GSGSO is a great opportunity for students to meet peolpe
and be involved in the department. Students who are a part of GSGSO are open to leadership opportunities, socials, professional development events, networking, community service, and much more!

Back to School BBQ

On Tuesday, August 31, the Grain Science welcome back BBQ was held at the IGP Institute. Students and staff enjoyed delicious food, held a raffle and gave away Amazon gift cards, and even received a visit from our very own Willie the Wildcat!

Summer Dissertation Defense

Congratulations to the following individuals who successfully defended their dissertations this summer!

Cheng Li, Ph.D.
Major Professor: Yonghui Li
Dissertation: Investigating and optimizing bread-making properties of whole wheat flour

Logan Kilburn-Kappeler, Ph.D.
Major Professor: Greg Aldrich
Dissertation: Evaluation of corn fermented protein (CFP) in pet food applications

Samuel Kiprotich, Ph.D.
Major Professor: Greg Aldrich
Dissertation: Mitigation of enteric foodborne pathogens in raw and minimally processed pet food using food additives

Hee Seong Kim, Ph.D.
Major Professor: Greg Aldrich
Dissertation: Evaluation of whole soybean as an ingredient in extruded dog diets

Jialiang (Bruce) Shi, Ph.D.
Major Professor: Yong-Cheng Shi
Dissertation: Preparation, structure, and digestibility of starch spherulites with different morphologies and allomorphs

Patrick Badger, M.S.
Major Professor: Chad Paulk
Thesis: Effects of diet formulation on pellet mill performance and pellet quality on grow-
Grain Science and Indstry Ph.D. Student Awarded Internship from National Science Foundation

Ph.D. student, Meicen Liu was recently awarded a National Science Foundation (NSF) Non-Academic Research Internship for Graduate Students (INTERN). Liu’s studies and research at GSI focus on examining the treatment of hydrothermal liquefaction wastewater (HTLWW) with a variety of bacterial and fungal as well as microalgal strains under different conditions and process designs for high-rate pollutant removal. She is funded by the National Science Foundation and studies under Associate Professor, Dr. Yi Zheng, who is the Primary Investigator for the research project: “Collaborative Research: A Novel Biological Valorization of Hydrothermal Liquefaction Wastewater with Marine Protist and its Granulated Phenotype”. Liu will be using her $37,578 INTERN award to support her 2024 summer internship at Sandia National Laboratory, Livermore, CA.

AMSA National Student Leadership Conference

Pet Food Program graduate students attended the AMSA National Student Leadership Conference in August at the Fort Worth Stockyards. The students attended a career fair, networked with industry professionals, and toured the Fresh Pet Operations and Processing facility. Students who attended are Katelyn Baily, Youhan Chen, Larissa Alves Koulicoff, and Kallee Dunn.

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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