

August 2022

Department Newsletter

Grain Science Friends and Alumni Golf Tournament

Friday, Sept. 9, 2022



Rolling Meadows Golf Course

6514 Old Milford Rd. • Milford, KS 66514

8:00 a.m. Social Hour

9:00 a.m. Shotgun Start

1:30 p.m. Barbeque Lunch and Reception

Golf Tournament Registration Information



Grain Science Welcome BBQ Held August 29 at the IGP Institute Conference Center

Grain Science students and faculty gathered for a night of food and fun to start the 2022 fall semester. After being welcomed by Hulya Dogan and other faculty members, attendees enjoyed a BBQ dinner catered by Cox Bros and then had a chance to get acquainted, receive prizes from drawings, and learn about student clubs and other opportunities within the department.

We're looking forward to a great fall semester.



KSU/Bühler Mercury MES Project — Hal Ross Mill Factory Automation System Upgrade

When the K-State Grain Science faculty met with Bühler representatives at the 125th annual IAOM conference last fall, the group reached a consensus regarding the need to upgrade the existing Hal Ross Flour Mill automation software from WinCos to Mercury MES.

This new full factory automation system (Mercury MES) will integrate all the milling processes to increase efficiency and traceability with extensive key data collection opportunities. The year-long upgrade project development process has been a joint effort between Bühler and the Department of Grain Science and Industry. The project is on schedule to be commissioned at the end of August 2022.

<https://www.grains.k-state.edu/newsroom/index.html>

Summer Intern's Research is the Cat's Meow

Kiera McCalister, a senior-to-be from Florida A&M University, traveled more than 1,100 miles to take part in **K-State Research and Extension's Summer Research**

Fellowship program. Her research is developing a method for ranking cats' food preferences.

"We want to know exactly what's in the food that cats like so it can help with nutrition and potential pharmaceuticals," McCalister said. "This research will help us know what ingredient they like instead of making them choose between two choices and not revealing why."

<https://www.ksre.k-state.edu/news/stories/2022/08/pet-food-cat-preferences.html>

Congratulations!

Rania Marie Buenavista was named as a Phi Kappa Phi 2022 Love of Learning \$500 award recipient. Rania is a Ph.D. student under the advisement of Dr. Kaliramesh Siliveru.



MS Student Team Receives Wilbur–Ellis Innovation Award

Wilbur–Ellis has announced the winner of the first Wilbur–Ellis Innovation Award, which invited student teams from U.S. colleges and universities to submit innovative ideas for feeding a growing world population. The K-State Grain Science Team was honored with a \$5000 Honorable Mention Award. The team's submission titled Ocean Agriculture explored the idea of expanding ocean farming.

Congratulations to team members Jenna Flory, Conrad Kabus, Tucker Graff, Allison Blomme, and Samuel Kiprotich, and their advisors Drs. Sajid Alavi, Greg Aldrich, and Chad Paulk.

<https://www.wilburellis.com/.../innovation-award-winners/...>

Rivera Receives Dan and Kathy Richardson Scholarship

Congratulations to Jared Lou Rivera on being selected as the recipient of the 2022 Dan and Kathy Richardson Scholarship, The Richardson Scholarship is committed to an exceptional graduate student in the College of Agriculture conducting research in the areas of animal science, feed science or food science. Preference is given to applicants who are affiliated with Cooperative Extension, whose research is focused on food safety or food security, and who collaborate with other programs.

Jared is a Ph.D. student in the department of Grain Science and Industry. His major professor is Dr. Kaliramesh Siliveru.

In Memoriam: Arthur Nathan Hibbs

Arthur Nathan Hibbs, an internationally known grain miller, consultant and author, died May 31, 2022 in Florida after a life well lived. He was born in Kansas in 1921.

He graduated from Kansas State University where he received a Bachelor of Science in 1943 and a Master of Science in Milling Technology in 1947. He was Dr. Schellenberger's first graduate student.

He worked in all phases of milling operations for the International Milling Company/International Multifoods Corporation over 37 years, becoming the Director of Corporate Grain Processing Technology, a position that managed and directed technical milling operations for wheat, corn, rye, and oat grain processing plants located in the United States, Canada, and South America. After retiring in 1988 he formed an international consulting firm and remained active in the grain processing industry by consulting for grain processing companies, conducting training seminars and technology updates for Kansas State University, U.S. Wheat Associates, other organizations and private companies.

He was a member of the American Association of Cereal Chemists and co-author of two textbooks, Wheat Flour Milling and its second edition. He was a member of the International Association of Operative Millers. He served on the Education and the Technical Committees and was elected Association president in 1968. He received their highest honor, The Gold Medal Award for exemplary service in 1986, Distinguished Service Recognition in 2002 and Distinguished Member Award.



Bon voyage to Brooklyn Terstriep and Bennett Jones who started their semester at the Swiss School of Milling in St. Gallen, Switzerland. Best wishes for a successful semester!

Internship Spotlight



After completing his freshman year, MSM student Justin Hodge began his internship with ADM at their Arkansas City, Kansas mill. Justin's summer experience has fueled his desire to pursue a career in milling. "Having this internship really opened my eyes to the world of milling. Can't wait!" he told us.

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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