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September 2023



# DEPARTMENT NEWS

*Updates from the Department of Food Science  
and Technology and The Food Processing Center*

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The **opening ceremony** for the 9th cohort of **students entering the "3+1" program** in **Food Science and Engineering** at **Northwest A&F University** was held on **September 19, 2023**. The **ceremony** was **attended by FDST Department Head, Dr. Curtis Weller**, as **well as NWAU university leadership, faculty, and 52 freshman students**. **Speakers welcomed the students, introduced the program, and encouraged the freshmen to work hard, expand their perspectives, and take advantage of opportunities like studying abroad in their 4th year**. The **program has seen success so far, with 48 out of 59 graduates from the class of 2023 being accepted to universities for their graduate work**.



**Dr. Byron Chaves** was **honored at the IANR Distinguished Faculty Celebration** on **Thursday, September 21, 2023** with the **Dindsale Family Faculty Award** for his **unique contributions to IANR's mission**.



Phi Tau Sigma has chosen The University of Nebraska Lincoln Chapter as a 2023 Phi Tau Sigma Chapter of Excellence. This distinction is to recognize high achieving Phi Tau Sigma Chapters for their exemplary volunteer service, excellence in leadership, and dedication to the food science and technology profession.



**Dr. Charles Nwaizu** presented a keynote seminar entitled "Fostering Sustainability Competencies in Undergraduate Students through Transdisciplinary Practice-Based Learning Approaches" at Ahmadu Bello University Zaria. The seminar took place on August 10, 2023, as part of his involvement in a Carnegie Sponsored Project named "Enhancing Research Collaboration and Curriculum Development in Food Engineering via Student-Centered Active Learning Integration."



\$5,000 to a high school student pursuing a degree in Food Science and Technology at the University of Nebraska-Lincoln. Applicants can submit a written or video essay. The application deadline is October 31st, 2023. Apply at <https://foodscience.unl.edu/food-science-scholarship-challenge>

## Upcoming Events

### Oct 5

Food Science Seminar

**Deanne Sparks**, assistant director of professional development at Nebraska

### Oct 12

Food Science Seminar

**Ruth Petran**, senior adviser and founder, The Acheson Group/Ruth Petran Consulting

### Oct 18

Food Science Seminar

**Dong Xu**, Curators' Distinguished Professor, Paul K. and Dianne Shumaker Professor, University of Missouri

### Oct 26

Food Science Seminar

TBA

## Upcoming Workshops

### Oct 3

**Better Process Control School**

### Dec 11

**Better Process Control School for Acidified Foods Online**

## Recent Publications

Haugabrooks, Esther, and Q Wallace Hayes, editors. History of Food and Nutrition Toxicology. Elsevier, Academic Press, 2023. (Goodman, R. contributor)

Nolasco, E., Krassovskaya, I., Hong, K., Hansen, K., Alvarez, S., Obata, T., Majumder, K. Sprouting alters

## Recent Awards

Blake Looi, Cooper Sharpless Fellowship, \$5,000

Emerson Nolasco, 2023 Graduate Student Travel Award, Office of Graduate Studies, University of Nebraska-Lincoln, \$1,500

Keith Scott, Presentation Excellence

enhances in-vitro anti-inflammatory activity. Journal of Functional Foods 109 (2023) 105780

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## Jobs

### **Pilot Plant Specialist - Extrusion**

You will be responsible for production of food products for UNL and for FPC clients, ensuring all parts of the process are up to standards for quality and food safety, set production schedules, manage inventory and supplies, ensure the plant is clean and safely operating, and will collect data on the entire process, and Consult with clients to meet their needs and ensure their satisfaction throughout the production process. Listing Details

**Apply**

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**Apply**

### **High Pressure Processing Research Technologist I**

As the High Pressure Processing Research Technologist, you will: Be responsible for the daily operations of the high pressure processing (HPP) and high pressure homogenization (HPH) machines in the pilot plants and the HPP Services Laboratory of The Food Processing Center, design studies and experiments, perform complex laboratory procedures to test for foodborne pathogens, interpret results, and assist with the preparation of technical reports, and manage the HPP Service

**Apply**

### **Pilot Plant Specialist - Dairy**

As the Dairy Pilot Plant Specialist, you will, be responsible for production of food products for the UNL Dairy Store and for FPC clients, ensuring all parts of the process are up to standards for quality and food safety, set production schedules,

ensure their satisfaction throughout the production process, supervise, train, and develop a team of student workers, helping them to build skills in the food manufacturing industry, and share responsibility for the operation of the plant and how it functions.

**Apply**

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For more news please visit: <http://foodscience.unl.edu/>

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