

INSIDE AGRONOMY

ISSUE 30 - DECEMBER 1, 2025

PURDUE
UNIVERSITY

Agronomy

All issues of *Inside Agronomy* are available on the Agronomy website.

Join us as we celebrate the retirement of Eugene Glover from the Department of Agronomy!

RSVP: <https://purdue.ag/eugene>

EUGENE GLOVER RETIREMENT

THURSDAY, DECEMBER 18TH
11:30 AM - 1:30 PM

LILY 2425
LARGE CONFERENCE ROOM

REFRESHMENTS
& REFLECTION

RSVP

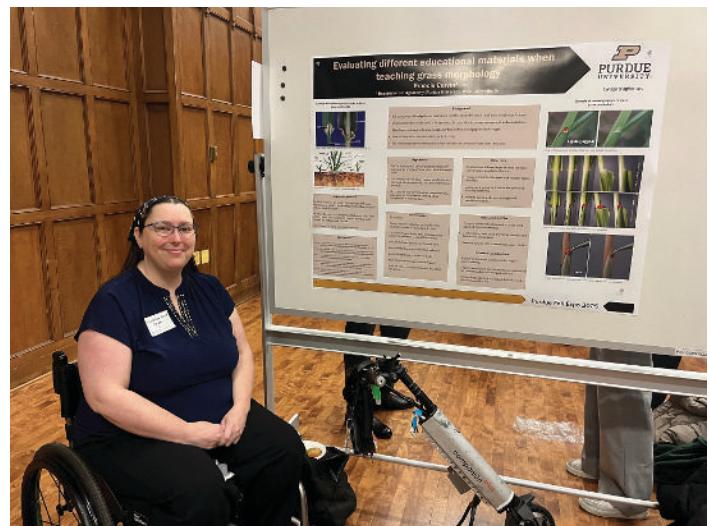


purdue.ag/eugene



CONGRATULATIONS, DR. KATY RAINEY!

Dr. Katy Rainey recently received the ICIA Crops and Soils Merit Award at the Corn Belt Seed and Grain Conference!



Above: Francis Corvin at the undergraduate research expo.

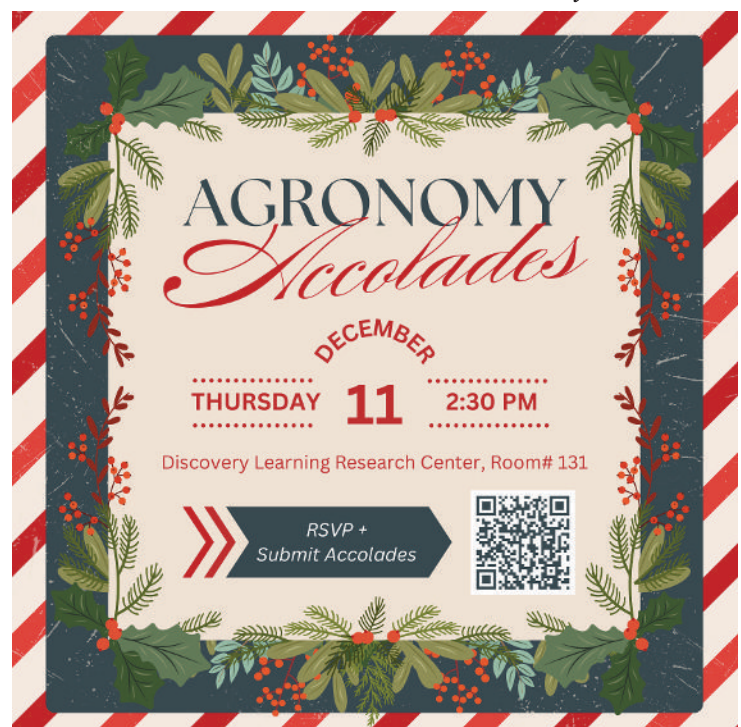
submitted by Lexie Wilson

WPS Training

The USEPA mandates pesticide safety training for employees who encounter agricultural use pesticides while working at a farm, greenhouse, nursery, or forest and do not possess a Certified Pesticide Applicators license. To ensure compliance, EHS is offering Worker Protection Standard (WPS) training at the times and location listed below. Annual training is required.

| | |
|---------------------------|-----------|
| December 1, 11:30-12:30pm | LILY 2458 |
| December 15, 1-2pm | LILY 2458 |
| December 16, 11-12pm | LILY 2425 |

Contact Jennifer Kraus, jakraus@purdue.edu with any questions or concerns.





Grain Post-Harvest & Recertification Workshop

CREDITED WORKSHOP

This workshop is geared toward farmers, commercial grain storage handlers, pest management professionals and food processing quality-control managers. The goal is to help attendees effectively manage postharvest systems to reduce pests, choose appropriate pest-control strategies and adopt integrated pest management systems. The workshop also will serve as an opportunity for Indiana's certified advisers to earn applied for CCH credits (Cat.7A, 7D, RT).

EVENT INFO + REGISTRATION

DECEMBER 3, 2025 | 8:30AM - 4:45 PM

**REGISTRATION FEE
\$140.00**

PURDUE UNIVERSITY- BECK AG CENTER
4550 US HWY 52-W
WEST LAFAYETTE, IN 47907

REGISTRATION LINK: [CVENT.ME/MGDDVX](https://cvent.me/mgddvx)



Agronomy



Agricultural and
Biological Engineering

EA / EOU

ENVIRONMENTAL HEALTH AND SAFETY

RESEARCH SAFETY

CHEMICAL FUME HOODS



Proper Use, Maintenance and Guidelines

Chemical fume hoods help protect researchers by capturing and exhausting hazardous vapors, gases and particulates.

To ensure proper ventilation and safe operation:

- Keep the sash fully closed when the hood is not in use.
- Perform work at least six inches inside the hood.
- Keep the sash below the posted operating height.
- Verify the airflow indicator or face velocity is within the acceptable range before use.

Do not use fume hoods for:

- Highly hazardous substances
- Spray painting
- Biological or microbial materials
- Evaporation of waste chemicals

Environmental Health and Safety (EHS) provides guidance and signage on each hood and conducts annual performance testing. The yellow "Face Velocity - fpm" sticker shows certification status and contact information.

A hood may be taken out of service if:

- It fails annual testing
- It is damaged (e.g., cracked or misaligned sash, cannot close, airflow path blocked)
- It does not meet airflow requirements

Out-of-service hoods will be marked "Do Not Use" until repaired and recertified by EHS.

Users should never:

- Block rear baffles
- Ignore airflow alarms

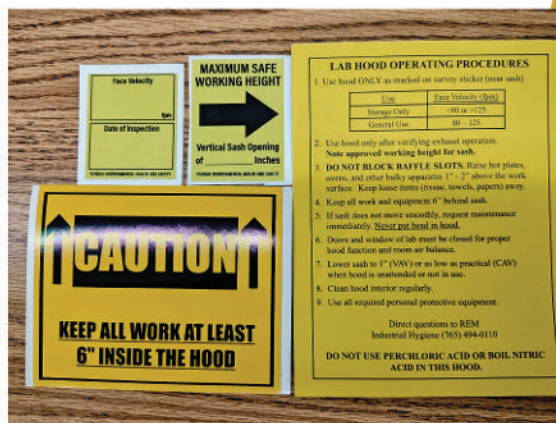
Report issues or concerns directly to EHS using the number listed on the yellow certification sticker.



Administrative Operations

Environmental Health and Safety

Phone: 765-494-6371 Email: researchsafety@purdue.edu



Materials found in labs to ensure proper fume hood use.

Nov. V.2.

ENVIRONMENTAL HEALTH AND SAFETY

HAZARDOUS MATERIALS MANAGEMENT

BATTERY DISPOSAL



Safe Battery Handling Basics

Universal Waste

Many batteries qualify as universal waste, meaning they are hazardous but commonly used and readily recyclable.

Intact batteries that are rechargeable or contain heavy metals must be treated as Universal Waste and include batteries from:

- Cell phones
- Power tools
- Cameras
- Laptops
- Phone charging packs
- Universal power supplies

Symbols or wording will indicate the type of battery, regulated metals added or required disposal method.

- Nickel Cadmium (Ni-Cd)
- Nickel Metal Hydride (Ni-MH)
- Mercury (Hg)
- Lithium Metal (Li)
- Lithium Ion (Li-Ion)
- Lithium Polymer (Li-Po)
- Lead Acid (Pb)



Administrative Operations

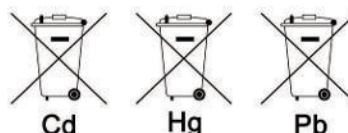
Alkaline Batteries

Standard alkaline batteries may be disposed of in the regular trash. These batteries may have statements to indicate they are safe for disposal in the trash.

A "Do Not Trash" symbol with EU refers to disposal in requirements in the European Union. These batteries can be disposed of in regular trash in the US.



Alkaline batteries that are not safe for disposal in the regular trash contain regulated metals like cadmium, mercury and lead. Look for a "Do Not Trash" symbol or wording that indicates the battery contains these regulated metals.



Damaged Batteries

Damaged, swollen or leaking rechargeable batteries or any that contain the regulated metals must be treated as hazardous waste. Call EHS Hazardous Materials Management at 765-494-0121 or the Purdue Fire Department's non emergency line at 765-494-6919 with questions or concerns about a battery.

Call 911 if a battery is hot or smoking.