

HLA HAPPENINGS

Issue 23-41 / October 27, 2023

In this issue:

- [HORT 317 Students Gain Insights on Tree Pruning](#)
- [HLA Student Organizations Gather Together for Pumpkin Harvesting and Carving](#)
- [HORT 318 Visits Restoration Nursery](#)
- [Widhalm Lab Undergrad Researchers Receive CATE Funding](#)
- [Shivika Aggrawal Attended 2023 MANRRS Meeting, Placed 1st in Interview Contest](#)
- [HLA Co-sponsored IX Symposium of Zamoranos in the USA](#)
- [Meyer's Lab Visiting Scholar Wins 3rd Place in Poster Competition](#)
- [Steve Meyers Featured in Purdue Ag Comm Article on Pumpkins](#)
- [Good Thyme Gang Took on River City Rascals; Still Chance to Bowl with Team](#)
- [This Week in the Jules Janick Horticulture Garden](#)
- [2023 HLA Fall Seminar: Fatemeh Sheibani, Ph.D.](#)
- [Save the Date: Indiana Hort Conference and Expo 2024](#)
- [Newsletters](#)

HORT 317 STUDENTS GAIN INSIGHTS ON TREE PRUNING



Last Friday, Bryce Patz, the Community Forestry and Greenspace Planner of West Lafayette, shared invaluable insights on the art of pruning street trees with the **HORT 317** students.

HLA STUDENT ORGANIZATIONS GATHER TOGETHER FOR PUMPKIN HARVESTING AND CARVING



On Wednesday, October 18, the **Purdue Horticulture Society, Purdue Student Farm Organization, and Purdue American Society of Landscape Architects** came together for a festive gathering at Meigs Horticulture Research Farm, rolling up their sleeves to harvest and carve pumpkins.





WIDHALM LAB UNDERGRAD RESEARCHERS RECEIVE CATE FUNDING

Widhalm Lab undergraduate research students **Shoshana Keim** and **Lauryn Rhodes** each received CATE Undergraduate Research Funding awards from the College of Agriculture. Shoshana and Lauryn are working on separate projects to investigate juglone metabolism alongside their graduate student mentor, **George Meyer**.

SHIVIKA AGRAWAL ATTENDED 2023 MANRRS MEETING, PLACED 1ST IN INTERVIEW CONTEST



Shivika Aggrawal (Ph.D., HLA & Environmental Sciences and Engineering) was chosen by The Office of Multicultural Programs and Minorities in Agriculture, Natural Resources, and Related Sciences (MANRRS)-Purdue Executive Board to participate at the 2023 MANRRS Region IV and V Cluster Meeting in Chicago from October 20th to 22nd. Notably, she secured 1st place in the highly competitive Interview Contest within the Graduate Student Division.

HORT 318 VISITS RESTORATION NURSERY



On Wednesday, October 18, **HORT 318** students had the unique opportunity to explore the Restoration Nursery under the guidance of Matt Huerta, the Nursery Manager.

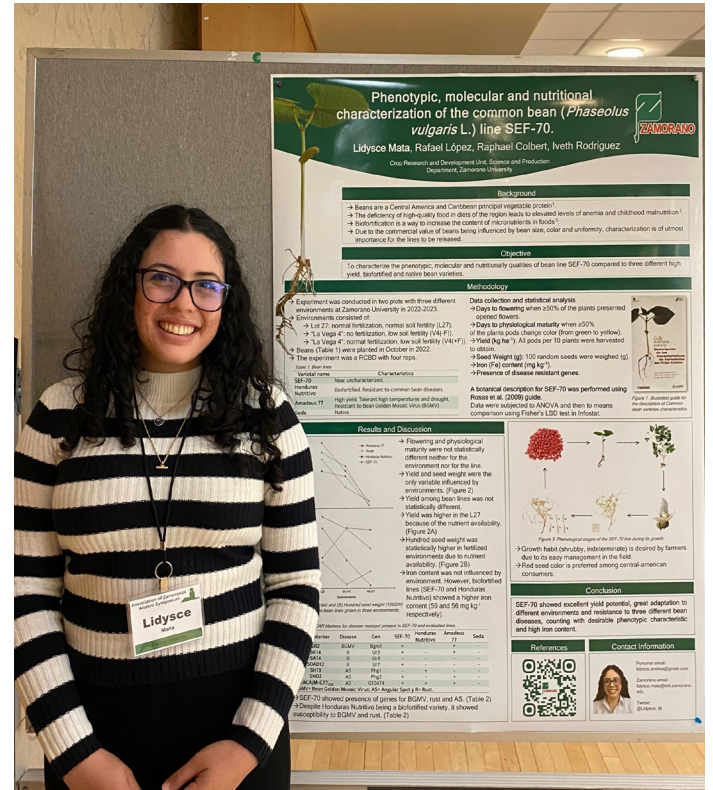
HLA CO-SPONSORED IX SYMPOSIUM OF ZAMORANOS IN THE USA



The "IX Symposium of Zamoranos in the USA: Agriculture, Food, Technology, and Community" took place on October 20-21, drawing over 100 participants to Purdue's campus. HLA, which boasts 15 Zamorano alumni among its faculty, graduate students, and visiting scholars, proudly supported the event as one of its sponsors.



MEYER'S LAB VISITING SCHOLAR WINS 3RD PLACE IN POSTER COMPETITION



The IX Symposium of Zamoranos in USA was celebrated here at Purdue, and **Lidyce Mata** won the 3rd place at their poster competition with her poster "Phenotypic, molecular and nutritional characterization of the common bean (*Phaseolus vulgaris* L.) line SEF-70"



STEVE MEYERS FEATURED IN PURDUE AG COMM ARTICLE ON PUMPKINS

Purdue Agricultural Communications featured **Steve Meyers** in an article on pumpkins: [Going pumpkin picking?](#) Explore the many faces of fall's iconic fruit.

GOOD THYME GANG TOOK ON RIVER CITY RASCALS; STILL CHANCE TO BOWL WITH TEAM

Our team **Good Thyme Gang** played against River City Rascals Monday afternoon at Mike Aulby's Arrowhead Bowl for Week 9 of the Purdue Staff and Students league. We won 2 out of 8 points keeping the team in 10th place.

In the Women's category: **Alexandra Jewell** placed 1st in scratch game scoring a 230, scratch series scoring a 545, handicap game scoring a 284, and handicap series scoring a 707.

No placements in the Men's category.

We are still recruiting substitutes!

We bowl 3 games on Monday nights at 6:30pm. All Purdue faculty, staff, students, and retirees are welcome. If you would like to bowl with us for a session during the season, please email **Alexandra Jewell** at jewell4@purdue.edu.

THIS WEEK IN THE JULES JANICK HORTICULTURE GARDEN



Hypnotica Bronze Dahlia
Dahlia 'Hypnotica Bronze'

 **PURDUE UNIVERSITY**  **Jules Janick Horticulture Garden**



Japanese Toad Lily
Tricyrtis hirta

 **PURDUE UNIVERSITY**  **Jules Janick Horticulture Garden**



Ornamental Cabbage 'Pigeon Purple'
Brassica oleracea

 **PURDUE UNIVERSITY**  **Jules Janick Horticulture Garden**

2023 HLA FALL SEMINAR: FATEMEH SHEIBANI, PH.D.



College of Agriculture

Department of Horticulture
& Landscape Architecture

2023 HLA Fall Seminar

Fatemeh Sheibani, PhD

Post Doc Research Assistant, Horticulture and Landscape Architecture, Purdue University

Thursday November 2nd, at 3:30pm, HORT117
or join via Zoom



Coffee and light refreshments will be served

“Enhancing Resource-Use Efficiency for Indoor Farming”

Abstract:

Vertical farming (VF) as a newer sector of controlled-environment agriculture (CEA) is proliferating as demand for year-round, local, fresh produce is rising. However, there are concerns regarding the high capital expenses and significant operational expenses that contribute to fragile profitability of the VF industry. Enhancing resource-use efficiency is a strategy to improve profitability of the VF industry. Leveraging unique physical properties of light-emitting diodes (LEDs) as the sole-source of lighting along with optimizing environmental conditions for indoor plant production helps improve resource-use efficiency for the nascent vertical-farming industry.

Fatemeh Sheibani will review her dissertation work on close-canopy lighting, phasic optimization of CO₂ and far-red light, and crop gas exchange to determine changing sensitivities to light intensity and CO₂ concentration at different stages of indoor lettuce-crop production.

Purdue University is an Equal Access/Equal Opportunity Institution.

Fatemeh Sheibani, PhD

Post Doc Research Assistant, Horticulture and
Landscape Architecture, Purdue University
Thursday November 2nd, at 3:30pm, HORT117
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SAVE THE DATE: INDIANA HORT CONFERENCE AND EXPO 2024

HORT INDIANA CONFERENCE & EXPO 2024

EDUCATION • TRADE SHOW • SILENT AUCTION • SOCIAL & NETWORKING EVENT

Save the dates! **January 22-23, 2024**

REGISTRATION OPENS NOVEMBER 1

Multiple Education Tracks • CCA, PARP, and CCH Credits Available

Event Location: **Hendricks County Fairgrounds**
1900 E Main St, Danville, IN 46122

www.IndianaHortConference.org



Newsletters

- Facts for Fancy Fruits: <https://fff.hort.purdue.edu/>
- Vegetable Crops Hotline: <https://vegcropshotline.org/>
- Purdue Landscape Report: <https://www.purduelandscape-report.org/>
- Greenhouse and Indoor Production of Speciality Crops: <https://mdc.itap.purdue.edu/newsearch.asp?sub-CatID=425%20&CatID=10>

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