

HLA Happenings

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This Week on the Purdue Student Farm



Lettuce leave our salad days of August behind us as the month comes to a close, and reflect upon how apple season is already here and in full swing. What even.

In case you were wondering, it has indeed been a bit warm; the classes doing their lab work out here are absolute troopers and a

very great help, so many thanks to them all, especially those who've been mustering through high tunnel work. The first potatoes are out of the ground, and Chris and I have been kept quite busy harvesting sweet corn and Honeycrisp apples from Miegs in recent days. Compared to last autumn, after that season's late frost, having this much production from local trees feels faintly ridiculous - if our luck keeps running this way, maybe that elusive "good peach year" will be on our horizon.



Between our normal CSA harvests and the experiment related produce, we've been on the edge of running out of bins and space several times this week, resulting in some unconventional workarounds such as: watermelons in the sinks and ungodly pepper towers in the cooler. I've also gotten a chance to get a bit more acquainted with the bin washer, and when you are the one catching what goes through the machine, you are subsequently entirely at the mercy of whoever is loading vegetables/bins into it. It's rare for this job to channel the same level of in-the-moment-panic I experience when I'm losing in a video game, but that's apparently the best analogue I've got for trying (and failing) to sanitize and stack bins for my coworkers' amusement. It's a hectic time of year on its own, but temperatures like those of the last few days mean that we have to be pretty mindful of ourselves and keep an eye on each other. Be careful out there, folks! Stay hydrated.

Purdue Student Farm Student Spotlight: Kennedy Jean



Hi, I'm Kennedy. I am a senior in Sustainable Food and Farming Systems, with minors in Horticulture and Plant Biology, and a certificate in Entrepreneurship and Innovation.

This past summer was my second season at the Student Farm. I am also the unofficial collector of some of the "mutant" vegetables that pop up on the farm sometimes.

I am from Lafayette, Indiana, and had gone to Purdue for countless events during my childhood, so I knew I wanted to go here. I didn't grow up on a farm, but I do enjoy gardening and caring for plants. I have a small garden at home.

I think my time interning at the Student Farm has been one of the most fun things I have done. I enjoy learning how to help grow and care for everything and actually do what I have been learning in the classroom, and seeing how all the produce ends up in the CSA. I have also had fun discovering all the different wild plants and animals that we come across all the time. I have so many neat pictures of toads, flowers, and stuff like that.

After graduation, I hope to come back to get a master's degree in Horticulture. After that, I am not 100% sure, I will see where the road takes me.

Dr. Lauren Asprooth and Emily Usher Presented at Growing Outreach Conference



Dr. **Lauren Asprooth** (Postdoc) and **Emily Usher** (Project Manager) presented "Farmer and stakeholder engagement through the Diverse Corn Belt project" at the first annual Growing Outreach Conference in Madison, WI last week.

New Publication from Drs. Bigelow, Powlen, and Patton

Dr. **Cale Bigelow**, Dr. **Jada Powlen** and Dr. **Aaron Patton** are co-authors on recently published open access publication: "[Management strategies for preventing and recovering from bermudagrass winter-kill](#)" in Crop, Forage and Turfgrass Management.

HLA Bowling Team

Our team **Good Thyme Gang** played against **Bowling Problem** Monday afternoon at Mike Aulby's Arrowhead Bowl for Week 2 of the Purdue Staff and Students league. We won 4 out of 8 points, placing our team in 8th.

In the Women's Category: **Alexandra Jewell** placed 1st with scratch game scoring a 214 and placed 1st with scratch series scoring a 575.

In the Men's Category: **Chris Adair** placed 3rd with scratch game scoring a 211.

This Week in the Jules Janick Horticulture Garden



Iron Butterfly Ironweed
Veronica lettermanii 'Iron Butterfly'

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Vivid Violet Pincushion Flower
Scabiosa 'Vivid Violet'

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Honorine Jobert Japanese Anemone
Anemone x hybrida 'Honorine Jobert'

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Cha Cha Tangerine
Calibrachoa spp.

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Pyromania 'Solar Flare' Red Hot Poker
Kniphofia hybrid 'Solar Flare'

PURDUE UNIVERSITY Jules Janick Horticulture Garden



Snowbank False Aster
Boltonia asteroides var. latisquama 'Snowbank'

PURDUE UNIVERSITY Jules Janick Horticulture Garden



Sedona Sun Ornamental Pepper
Capsicum annuum 'Sedona Sun'

PURDUE UNIVERSITY Jules Janick Horticulture Garden

Symposium: Celebrating the Research Legacy of Dr. Cary Mitchell

CELEBRATING THE RESEARCH LEGACY OF DR. CARY MITCHELL



OCTOBER 4, 2024
2:00 PM - 5:00 PM

DEAN'S AUDITORIUM - PFEN 241

Event Schedule

2:00 PM - Celina Gómez
2:20 PM - Jonathan Frantz
2:40 PM - Gioia Massa

3:30 PM - Remarks
4:00 - 5:30 PM - Reception

KEYNOTE SPEAKER

GIOIA MASSA

SENIOR SCIENTIST, NASA KENNEDY SPACE CENTER
"PLANTS IN SPACE AND SPACE CROP PRODUCTION"



As astronauts venture farther from Earth, and for longer periods, food will become increasingly critical. Crop production can supplement a packaged diet to provide additional nutrients and dietary variety for astronauts, and plants may also provide psychological and environmental benefits. Several unique challenges exist for

growth of plants in microgravity and on other planetary surfaces. Terrestrial tests in analog space environments contribute to our knowledge, while testing on the International Space Station allows us to better understand the impacts of gravity and spaceflight on crop growth and the importance of plants to astronauts living and working away from our blue home planet.

SPEAKERS



CELINA GÓMEZ
ASSOCIATE PROFESSOR, PURDUE UNIVERSITY
"MENTORSHIP AND LINEAGE"



JONATHAN FRANTZ
SENIOR TECHNOLOGY LEADER, CORTEVA AGRICULTURE
"EXCELLENCE IN MENTORSHIP: THE NOT-SO-SECRET METHOD TO CARY'S INFLUENCE"

PURDUE UNIVERSITY Horticulture and Landscape Architecture

HLA 2024 Fall Seminar Series



2024 Fall Seminar Series

Date & Host	Seminars	
September 12	Kranthi Varala- Assistant Professor, Horticulture and Landscape Architecture, Purdue University	<p><i>Seminars will be in person with a zoom option unless otherwise noted</i></p> <p>Thursdays @ 3:30pm in HORT 117</p> <p><i>Virtual and Hybrid Zoom</i></p>
September 26 Host: Guan	Lei Zhang –Assistant Professor, Department of Botany & Plant Pathology, Purdue University	
October 4	Cary Mitchell – Retirement Symposium Note: Friday 2 PM to 5 PM, PFEN 241	
October 10	Josh Widhalm – Associate Professor, Horticulture and Landscape Architecture, Purdue University	
October 17 Host: Langenhoven	Robert Colangelo – Founder – Controlled Environment Agriculture (CEA) “The Design and engineering of a profitable vertical farm?”	
October 24	HLA Teaching Panel- Kathryn Orvis, Cale Bigelow, Steve Hallett, Yiwei Huang	
November 7 Host: Hoagland	Hernan Gonzalez Osorio –Scientific Researcher, Cenicafé, National Center for Coffee Research – Chinchina, Colombia	
November 14 Host: Langenhoven	Brittany Weerts- Hydroponic Research Operations Administrator, Horticulture and Landscape Architecture, Purdue University “Navigating the Challenges of Starting a Hydroponic Container Farm”	
November 21 Host: Meyers	Kim Shearer – Curator of Collections and Manager of New Plant Development for the Morton Arboretum, Lisle, Illinois	

Purdue Hydroponics and Greenhouse Crop Production Webinar Series

Purdue Hydroponics and Greenhouse Crop Production Webinar Series (2024)

Registration is free
Register here for all webinars: https://purdue.ca1.qualtrics.com/jfe/form/SV_e5UHPj4UtdQ0QK

- Nutrient Management in Recycling Hydroponic Systems (April 15, noon to 1 pm)
- Temperature Management (Summer/ Winter) in Greenhouses (May 15, noon to 1 pm)
- Organic Lettuce Production in Hydroponic Systems (June 12, noon to 1 pm)
- How to Build an Indoor Hydroponic Production System for Homes and Schools (Aug 21, noon to 1 pm)
- Fundamentals of Soilless Substrates for Floriculture Crop Production (Sep 18, noon to 1 pm)

Purdue Controlled Environment Agriculture Research & Extension

Contacts for additional information
Lori Jolly-Brown (765-494-1296; ljollybr@purdue.edu)
Dr. Krishna Nemali (knemali@purdue.edu)



Register for the Purdue Hydroponics and Greenhouse Crop Production Webinar Series.

Newsletters:

Facts for Fancy Fruits: <https://fff.hort.purdue.edu>

Vegetable Crops Hotline: <https://vegcropshotline.org/>

Purdue Landscape

Report: <https://www.purduelandscape.org>

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Editor: Pamela J Fisher | Department of Horticulture and Landscape Architecture, 625 Agriculture Mall Dr., West Lafayette, IN 47907