

HLA HAPPENINGS

Issue 23-01 / January 6, 2023

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WELCOME DR. MORIAH BILENKY!



The Department of Horticulture and Landscape Architecture welcomes Dr. Moriah Bilenky, Assistant Professor.

Bilenky's research program is centered on three broad questions 1) can low-input agriculture systems be sustainable; 2) can they reduce off farm inputs; and 3) can they help build resilient food systems? Bilenky aims to explore cropping systems that employ cover cropping, reduced tillage, crop-animal integration, and other novel approaches to these questions.

For the past year and a half, Bilenky has been managing an OREI project investigating effects of reduced tillage in organic grain production at Penn State University. She earned her AS studying Agronomy at Nebraska College of Technical Agriculture. She earned her BS and Ph.D. in Horticulture at Iowa State University. During her Ph.D. she managed a multidisciplinary project including faculty in

food science, soil science, animal science, and economics exploring animal crop integration for organic vegetable growers. Before starting her Ph.D. she assisted in the management of a 14-acre, diversified vegetable farm and started her own small vegetable operation. Bilenky is excited to be sharing her real-world experiences in small-scale vegetable production when she teaches the small farms experience courses offered through the SFS program. Bilenky believes we cannot meet the world's agricultural challenges working only within our own disciplinary bubble and strives to collaborate with faculty and staff across disciplines within the College of Agriculture and the University.

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THE PASSING OF DR. RICHARD HAYDEN

Dr. Richard Hayden, Professor Emeritus of Purdue Horticulture and Landscape Architecture, passed away on Thursday, December 29, 2022 at the age of 94. Deepest condolences to Mary Lou Hayden and family.

Visitation will be from 5:00 pm to 8:00 pm on Friday, January 6, 2023 at Soller-Baker West Lafayette Chapel, 1184 Sagamore Parkway West. Service will be 10:30 am on Saturday, January 7 at St. Andrew United Methodist Church, 4703 N 50 W, West Lafayette, IN.

Complete obituary: <https://soller-baker.com/obituary/richard-a-hayden/>

JOSH WIDHALM AND NATALIA DUDAREVA PUBLISHED NEW ARTICLE

Josh Widhalm and Natalia Dudareva published an article in Molecular Plant with collaborators in the School of Chemical Engineering titled: "Two-way communication: Volatile emission and uptake occur through the same barriers." <https://www.sciencedirect.com/science/article/pii/S1674205222004063>

STEPHEN MEYERS CO-AUTHORED NEW RESEARCH ARTICLE

Stephen Meyers co-authored a newly published research article:

Taduri S, Bheemanahalli R, Wijewardana C, Lone AA, Meyers SL, Shankle M, Gao W and Reddy KR. 2023. Sweetpotato cultivars responses to interactive effects of warming, drought, and elevated carbon dioxide. *Front. Genet.* 13:1080125. doi: 10.3389/fgene.2022.1080125

WENJING GUAN PRESENTED AT THE 2023 KENTUCKY FRUIT AND VEGETABLE CONFERENCE

Wenjing Guan gave three presentations at the 2023 Kentucky Fruit & Vegetable Conference on Jan 3 and 4. The topics include watermelon grafting, watermelon irrigation & fertilization management, and high tunnel cucumber production.

WENJING GUAN WILL PRESENT AT 2023 ILLINOIS FOOD, FARMERS MARKET AND SPECIALITY CROP CONFERENCE

Wenjing Guan will give a presentation, co-authored by Liz Maynard, about irrigation management in vegetable production at 2023 Illinois food, farmers market & specialty crop conference on Jan. 11.

SAVE THE DATE: INDIANA HORT CONFERENCE 2023



Newsletters

- Facts for Fancy Fruits: <https://fff.hort.purdue.edu/>
- Vegetable Crops Hotline: <https://vegcropshotline.org/>
- Purdue Landscape Report: <https://www.purdueland-scaperreport.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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