

# HLA HAPPENINGS

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## EXPERIENTIAL LEARNING FOR HORT 318 STUDENTS



Photo by Tom Campbell, Purdue Agricultural Communications



Students in **HORT 318 (Field Production of Horticulture Crops)** spent time in the field harvesting grapes and potting plants.





## PURDUE HORTICULTURE SOCIETY CALL-OUT DRAWS BIG NUMBERS



The **Purdue Horticulture Society** call-out meeting was packed with over 100 interested students on September 7.

## HLA AT THE RAINBOW CALLOUT



The HLA Department participated in the Rainbow Callout on September 6 at the Co-Rec. The booth handed out carnations and other HLA swag to attendees.

A special thank you to the **Widhalm Lab**, especially **George Meyer**, **Thiti Suttiyut**, and **Mearaj Shaikh** for preparing the flowers and being at the booth. Thanks also goes out to **Michael Gildersleeve** and **Pat Oeschlager** for also helping out at the booth. Finally, thanks to **Robin Tribbett** for putting together the swag basket.

## VISITORS FROM HUNGARY TOURED CONTROLLED ENVIRONMENT AGRICULTURE PROGRAM



**Krishna Nemali** and others hosted a tour for 19 visitors that included ag advisory members and farmers from Hungary to showcase HLA's Controlled Environment Agriculture (CEA) program. This included a short presentation about CEA faculty and research, teaching, and extension activities and several graduate and undergraduate students shared research activities. The group visited the greenhouses and learned about general greenhouse management and viewed a demonstration of some of the digital phenotyping technologies that are being tested for CEA industry. The group toured the CEA instructional facility to learn about the hands-on research experience that our undergraduate students.

## CALE BIGELOW AND JADA POWLEN PRESENTED AT VIRGINIA TECH TURF FIELD DAY



**Cale Bigelow** and **Jada Powlen** attended the 49th Virginia Tech Turf Field Day in Blacksburg, Virginia. Jada presented on a collaborative field research project related to her Ph.D. dissertation examining the effects of planting cool-season grass blends and mixtures with superior resistance to the summer lawn disease, brown patch. The results of these studies demonstrate a clear advantage to selecting and planting grasses with improved disease tolerance across a wide geographic area. The over-arching goal is to be able to maintain high quality, persistent more sustainable lawns in the cool-humid region with fewer inputs.

## YIWEI HUANG COAUTHORED INTERVIEW ARTICLE

Yiwei Huang had guided her previous student, Luyu Zeng, on constructing an interview article with a landscape architecture professor, Brett Milligan, to advocate for more climate resilient design in China. The piece is now published.

Brett MILLIGAN, Luyu ZENG, Yiwei HUANG. A Call for Innovative, Multidisciplinary Adaptive Landscape Design in the Age of Climate Change: Interview With Brett Milligan. *Landsc. Archit. Front.*, 2021, 9(6): 88-98. The article is in both English and Chinese, and can be read here: <https://journal.hep.com.cn/laf/EN/10.15302/J-LAF-1-030032#2>

## NEW PUBLICATION FROM CELINA GÓMEZ

Celina Gómez and co-authors recently published a new paper in *HortTechnology* entitled "Effect of Container Volume and Planting Density on Ginger and Turmeric Growth and Yield," now available online.

Retana-Cordero, M., Flores, S. J., Fisher, P. R., Freyre, R., & Gómez, C. (2022). Effect of Container Volume and Planting Density on Ginger and Turmeric Growth and Yield, *HortTechnology*, 32(5), 425-434. <https://journals.ashs.org/horttech/view/journals/horttech/32/5/article-p425.xml>

## GRADUATE STUDENTS' COFFEE RUNS ARE BACK!



Continuing a tradition that started last year, graduate students gather together for coffee before the HLA Fall Seminar Series each week.

### Newsletters

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

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## HLA FALL SEMINAR: BO ZHANG



Dr. Bo Zhang, Horticulture and Landscape Architecture Oklahoma State University

"Big Data with Smart Minds: Gauging the Impacts of Landscape in Information Age"

Thursday September 15th, at 3:30pm, HORT 117 or join via Zoom

Dr. Bo Zhang, an associate professor of Landscape Architecture at Oklahoma State University, has a keen interest in promoting public space usage and related design methodology through valid and vigorous scholarly research. He has received more than ten awards for his research on big data related environment design projects, including the 2019 ASLA national research award and the 2020 EDRA excellence research award. He is a frequent speaker at ASLA, EDRA, CELA, and LaBash conferences.

**Abstract:** How can public open space be scrutinized for its profound impact on contemporary social life? How can new forms of communication and publishing in the digital age bring considerable intellectual weight to the topics of today? How can public open space planners and designers be supportively informed instead of desperately overwhelmed by today's massive amounts of information? And how can landscape architects penetrate the surface of landscape materials to reconstruct symbolism and to exert social impacts on the society?

This speaker answers these questions by relating social media, an unprecedented invention in the digital age to landscape architecture, as a resource, a method, and a take-off board. Social media, voluntarily and openly posted by public space users, lends landscape professionals a huge set of efficient, and ever-growing data to better understand outdoor publicity. Compared to conventional methods, such as survey and on-site observations, social media data not only contains a large number of records and participants, but also suggests a financially economic and less time-consuming method to view the usage and perception about public landscapes. To be seriously informed, landscape professionals may need to switch their roles related to social media, from pure users to readers, interpreters, and critics.

Having developed a series of social media textual and imagery analytic methods, this speaker rewrites immediate histories of public landscapes with advanced richness and complexity. Unveiled here are diverse usage patterns of several well-known open spaces, such as the Seattle Freeway Park, Fort Worth Water Gardens, and Bryant Park in New York City. The unprecedented clarity, depth, and comprehension may allow our future thinkers to tackle issues, problems, and failures. Social media data needs to be read and interpreted with critical minds, using both statistical analysis and phenomenal interpretation.

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