

Curriculum vitae of
Yujin Park

College of Integrative Sciences and Arts
Arizona State University
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EDUCATION

- Ph.D., Horticulture** 2018
Michigan State University
Dissertation: *Controlling the radiation spectrum of sole-source lighting to elicit desirable photomorphogenic traits and regulate flowering of floriculture seedlings*
Mentor: Dr. Erik S. Runkle
- M.S., Horticultural Science**, Seoul National University (SNU), Korea 2013
Seoul National University, Korea
Thesis: *Vegetative growth and flowering of Dianthus, Zinnia, and Pelargonium as affected by night interruption at different timings*
Mentor: Dr. Kisun Kim
- B.S., Architectural Engineering**, High Honors 2011
Yonsei University, Korea
Thesis: *Constructing a vertical farm which can grow coffee trees*
- Education Abroad Program, Horticulture**, Chiba University, Japan 2011
Education Abroad Program, Civil Engineering, University of California, Davis 2009

ACADEMIC APPOINTMENTS

- Assistant Professor** 2019 – present
College of Integrative Sciences and Arts, Arizona State University
- Post-doctoral Research Associate**, Horticulture 2018 – 2019
Michigan State University
- Ph.D. Graduate Research Assistant**, Horticulture 2014 – 2018
Michigan State University
- Research Associate**, 2013 – 2014
Research Institute for Agriculture & Life Sciences, Seoul National University, Korea
- M.S. Graduate Research Assistant**, Horticultural Science, 2011– 2013
Seoul National University, Korea

RECENT HONORS AND AWARDS

ASU CISA Research Award	2020, 2021
Greenhouse Product News Magazine Top 40 Under 40	2018
American Society for Horticultural Science, Award for Outstanding Oral Presentation	2018
Future Academic Scholars in Teaching Fellowship	2016
John L. Arend Excellence in Graduate Student Research Scholarship	2015, 2016

CURRICULUM DEVELOPMENT

ABS 314 Applied Plant Physiology
 ABS 368 Plant Propagation
 ABS 464 Desert Horticulture
 ABS 462 Greenhouse/Nursery Management

GRADUATE MENTORING

Nicklas Mcclintic, M.S. (committee chair)	Spring 2021–present
Lin Li, Ph.D. (committee chair)	Fall 2021–present
Kelsie Davis, M.S. (committee member)	Spring 2021–present
Andrew Hopkins, M.S. (committee member)	Fall 2021–present
Deyang Qi, M.S. (committee member)	Spring 2021

HONORS AND AWARDS

Arizona State University, ASU CISA Research Award	2020, 2021
Greenhouse Product News Magazine, Top 40 Under 40,	2018
American Society Horticultural Science, 3 rd Place Oral Presentation	2018
American Society Horticultural Science, 2 nd Place Poster Presentation,	2017
Michigan State University, Future Academic Scholars in Teaching Fellowship	2016
Michigan State University, John L. Arend Scholarship for Excellence in Graduate Research	2015, 2016

SELECT PUBLICATIONS

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- Park, Y.**, C. Gómez and E.S. Runkle. 2021. Indoor production of ornamental seedlings, vegetable transplants, and microgreens, p. 351–372. In: T. Kozai et al. (eds.). *Plant factory: Basics, applications and advances*. Academic Press, Cambridge, MA, USA.
- Shen, L., R. Lou, **Y. Park** *et al.* 2021. Increasing greenhouse production by spectral-shifting and unidirectional light-extracting photonics. *Nat. Food* 2:434–441.
- Zhang, M., **Y. Park.**, and E.S. Runkle. 2020. Regulation of extension growth and flowering of seedlings by blue radiation and the red to far-red ratio of sole-source lighting. *Sci. Hort.* 272:109478.
- Runkle, E.S., Q. Meng, and **Y. Park.** 2019. LED applications in greenhouse and indoor production of horticultural crops. *Acta Hort.* 1263:17–30.
- Park, Y.** and E.S. Runkle. 2019. Blue radiation attenuates the effects of the red to far-red ratio on extension growth but not on flowering. *Environ. Exp. Bot.* 103871.
- Park, Y.** and E.S. Runkle. 2018. Far-red radiation and photosynthetic photon flux density independently regulate seedling growth but interactively regulate flowering. *Environ. Exp. Bot.* 155:206–216.