

## *Curriculum Vitae*

Wook Oh, Ph.D in Agriculture (Horticulture)

Professor, Dept. of Horticulture and Life Science, Yeungnam University, Gyeongsan,  
Gyeongbuk, Republic of Korea (ZIP: 38541)

82-53-810-2941 (office), 82-10-6644-2941 (cell), wookoh@ynu.ac.kr (email)

---

### **EDUCATION:**

- August 2017                      Doctor of Philosophy, Agriculture (Floriculture in Horticulture)  
Seoul National University, Graduate School, Seoul, Korea
- February 1996                    Master of Science in Agriculture (Floriculture in Horticulture)  
Seoul National University, Graduate School, Seoul, Korea
- February 1994                    Bachelor of Science in Horticulture, Seoul National University,  
College of Agriculture and Life Sciences, Seoul, Korea

### **PROFESSIONAL AND TEACHING EXPERIENCE:**

- Mar. 2020 - Present            Professor, Department Chair (2019 spring - present)  
Yeungnam University, Department of Horticulture and Life Science  
Gyeongsan, Gyeongbuk, Korea
- Mar. 2015 - Feb. 2020        Associate Professor, Department Chair (2014 fall - 2015 fall)  
Yeungnam University, Department of Horticulture and Life Science
- Mar. 2009 - Feb.2015        Assistant Professor  
Yeungnam University, Department of Horticulture and Life Science
- Dec. 2007 - Feb. 2009        Postdoctoral Research Associate  
Michigan State University, Department of Horticulture  
East Lansing, MI, USA
- Mar. 2006 - Nov. 2007        Research Associate, Research Institute for Agriculture & Life  
Sciences, Seoul National University, Seoul, Korea
- Mar. 2005 - Feb. 2007        Lecturer, Department of Horticulture, Konkook University,  
Chungju, Korea
- Mar. 2003 - Feb. 2006        Department and University Farm Assistant (National public service  
personnel), Seoul National University, Seoul, Korea.
- Aug. 1995 – Feb. 1997        Editing Designer (Horticulture World, formerly Hortic. Sci. &  
Technol.), Korean Society for Horticultural Science, Korea

## **PUBLICATIONS AND CONTRIBUTING PAPERS:**

### **(1) Refereed Scientific Articles (2015~)**

- Park, S.Y. and **W. Oh\***. 2019. A trend analysis of floral products and services using big data of social networking services. **J. People Plants Environ.** 20(5):455-467.
- Kim, S., J. Kim, and **W Oh\***. 2018. Propagation efficiencies at different LED light qualities for leaf cutting of six Echeveria. **Prot. Hortic. Plant Fact.** 27(4):363-370.
- Lee, M.J. <sup>+</sup> **W. Oh<sup>+</sup>**, J.S. Kim, and J.S. Jang. 2018. Colors of the LED on stress response of workers after a flower arrangement activity. **Kor. J. Hort. Sci. Technol.** 36(3):435-443. (<sup>+</sup>Co-first author).
- Lee, M.J., **W. Oh\***, J.S. Jang\*, and J.Y. Lee. 2018. Horticulture-related activities significantly reduce stress levels and salivary cortisol concentration of maladjusted elementary school children. **Complement. Ther. Med.** 37:172-177.
- Oh, W.\***, S.W. Kim, M.J. Lee, and K.W. Kim. 2018. Comparison analysis of gender satisfaction of students on wall removal and greening: Case study on an elementary school in Daegu Metropolitan City. **J. People Plants Environ.** 19(2):131-138.
- Oh, W.\*** and E.S. Runkle. 2016. Flowering and morphological responses of petunia and pansy as influenced by lamp type and lighting period to provide long days. **Kor. J. Hort. Sci. Technol.** 34(2):207-219.
- Park, I.S., K.J. Cho, J. Kim, J.Y. Cho, T.J. Lim, and **W. Oh\***. 2016. Growth and flowering responses of petunia to artificial light resources with different light quality. **Kor. J. Hort. Sci. Technol.** 34(1):55-66.
- Oh, W.**, J. Kim, Y.H. Kim, I.J. Lee, and K.S. Kim. 2015. Shoot elongation and gibberellin contents in *Cyclamen persicum* are influenced by temperature and light intensity. **Hort. Environ. Biotechnol.** 56(6):762-768.
- Kim, M.H., I.S. Park, K.I. Park, **W. Oh\***, and K.W. Kim. 2015. Elimination of lily symptomless virus by in vitro scaling and reinfection rates under various cultural conditions in Korean native lilies. **Kor. J. Hort. Sci. Technol.** 33(6):891-899.
- Ali, Md.S., Y. Yu, **W. Oh**, J.Y. Cho, J. Choi, R. Dhakal, Y.I. Park, and K.H. Baek. 2015. Co-suppression of NbClpC1 and NbClpC2 in *Nicotiana benthamiana* lowers photosynthetic capacity via altered leaf structure. *Plant Omics J.* 8(6):508-516.
- Oh, W.** 2015. Effects of temperature, photoperiod and light intensity on growth and flowering in *Eustoma grandiflorum*. **Kor. J. Hort. Sci. Technol.** 33(3):349-355.

### **(2) Dissertations:**

- Oh, Wook (2007) "Growth mechanism and its manipulation by temperature, light intensity, and plant growth regulators in *Cyclamen persicum*", Ph.D. Dissertation, Graduate School of Seoul National University
- Oh, Wook (1996) "Effects of rooting media composition, plug size, and irrigation methods on rooting and growth of chrysanthemum cuttings", Master's Dissertation, Graduate School of Seoul National University

## **RECENT FUNDED PROJECTS (2015~):**

- Modeling of Smart Farming Technique in Best Rose Farmers, Funded by iPET (MAFRA), Korea (2018-2020)
- Development of an optimum export model for the potted orchids, Funded by iPET (MAFRA), Korea (2017-2021)
- Field Trials for 1st Generation smart-farm model in the soil-based flower cultivation under greenhouse, Funded by iPET (MAFRA), Korea (2019)
- Development of technology driving of export in succulent plants, Funded by Rural Development Administration, Korea (2017-2019)
- Commercialization and dissemination by demonstrating and evaluating of greenhouse using hybrid and semi-transparent solar modules for acceleration of the crop growth more than 10%, energy saving more than 30%, Funded by KETEP (MOTIE), Korea (2015-2019)
- Development of rapid production technology of good quality *Phalaenopsis* potted plants using closed growing system, Funded by iPET (MAFRA), Korea (2014-2017)
- Growth Chamber and Greenhouse Studies on Supplemental Lighting Effects of Plasma Lighting System, LG Electronics, Korea (2015-2016)

## **SCHOLARSHIP AND AWARDS:**

The Best Award for Paper, The Society of People, Plants, and Environment, Korea, 2019

The Best Lecturer Award for Professor, Yeungnam University, Korea, 2018, 2019

Outstanding Paper Award, Korea Society for Horticultural Science, Korea, 2014, 2015

Postdoctoral Fellowship, Michigan State University, USA, 2008-2009

Korea Research Foundation Grant for overseas post-doctoral research funded by the Korean Government (MOEHRD), 2007

## **ACADEMIC AFFILIATION, MEMBERSHIP AND CERTIFICATE:**

Feb. 2019-present Vice-president (current), The Society for People, Plants, and Environment, Korea

Jul. 2017-present Editor-in-Chief of Horticultural Science & Technology (current), Korean Society for Horticultural Science

Jul. 2019- present Secretary General (current), Korean Society for Floricultural Science

Jan. 2018-present Executive Director (current), Korean Society of Bio-Environment Control, South Korea

Mar. 2004-present Member (current), The American Society for Horticultural Science

Mar. 2004-present Member (current), The International Society for Horticultural Science