

# Raymond Gabriel Odeh

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## Education

<b>Master of Science   Horticultural Science</b>	<b>Aug 2018</b>
University of Florida (UF), Gainesville, FL	GPA: 3.80/4.00
<b>Bachelor of Science   Plant Science</b>	<b>May 2016</b>
Specialization: Landscape and Nursery Horticulture	GPA: 3.74/4.00
University of Florida, Gainesville, FL	

## Work Experience

<b>Groundskeeper/Plant Identification Intern   UF Fifield Hall</b>	<b>May 2014-Jun 2016</b>
<ul style="list-style-type: none"><li>❖ Maintained grounds at UF's Fifield Hall and Plant Science Facilities</li><li>❖ Propagated plants for specimen plantings and sale</li><li>❖ Designed garden spaces and preserved collections in the tropical plant conservatory</li><li>❖ Organized volunteers and oversaw an independent study in landscape management</li></ul>	
<b>Head Teaching Assistant   UF Plant Identification and Use</b>	<b>May 2015-Dec 2015</b>
<ul style="list-style-type: none"><li>❖ Guided and directed three teaching assistants in course studies</li><li>❖ Taught plant morphological features and horticultural uses for more than 200 plants grown in FL</li></ul>	
<b>Teaching Assistant   UF Annual and Perennial Gardening</b>	<b>Jan 2017-May 2017</b>
<ul style="list-style-type: none"><li>❖ Taught methods for propagating and transplanting annual and perennial plants</li><li>❖ Prepared presentations on identification, cultivation, and use of 50 herbaceous annual and perennial plants</li><li>❖ Restructured lab activities and updated course syllabus</li></ul>	
<b>Co-Investigator   UF Poinsettia Research Study</b>	<b>May 2016-Present</b>
<ul style="list-style-type: none"><li>❖ Organize materials for the submission of IRB approval</li><li>❖ Guide a team of 8 undergraduate student OPS workers to execute research on mood states related to exposure to greenhouses full of market-ready poinsettias</li></ul>	

## Involvement/Leadership

<b>Professional Education Work Team   American Horticultural Therapy Association (AHTA)</b>	<b>Aug 2016-Present</b>
<ul style="list-style-type: none"><li>❖ Improve curricula for teaching horticultural therapists</li><li>❖ Develop initiatives to advance credentialing protocols</li></ul>	
<b>Invited Guest Lecturer   UF FRC 1010, ORH 1030, PLS 3004C</b>	<b>Jan 2017-Mar 2017</b>
<ul style="list-style-type: none"><li>❖ Delivered lectures on the topic of the therapeutic contributions of horticulture</li><li>❖ Surveyed over 350 student opinions on horticultural therapy</li></ul>	
<b>Environmental Horticulture (EH) Representative   UF Graduate Student Council</b>	<b>Aug 2016-Present</b>
<ul style="list-style-type: none"><li>❖ Represent departmental needs and concerns to the general council</li><li>❖ Communicate important information to department</li></ul>	
<b>Member   UF EH Graduate Student Association</b>	<b>Aug 2016-Present</b>
<ul style="list-style-type: none"><li>❖ Coordinate annual coleus sale fundraiser</li><li>❖ Network with graduate students in the EH department</li></ul>	
<b>Ambassador   UF College of Agricultural and Life Sciences</b>	<b>Aug 2014-May 2016</b>
<ul style="list-style-type: none"><li>❖ Promoted UF College of Agricultural and Life Sciences at community colleges</li><li>❖ Lectured at elementary and high schools</li><li>❖ Assisted with college's wide range of events</li></ul>	
<b>Research Assistant   "Effect of Gardening on Brain Activity"</b>	<b>Jan 2015-May 2016</b>
<ul style="list-style-type: none"><li>❖ Assisted with therapeutic horticulture programs</li><li>❖ Analyzed fMRI scans and psychometric assessment data to determine how plant images and gardening affect brain activity</li></ul>	
<b>Brother   UF Alpha Zeta Honors Fraternity</b>	<b>Jan 2013-Present</b>
<ul style="list-style-type: none"><li>❖ Serve in the College of Agricultural and Life Sciences' Honors Fraternity to further the agriculture industry through leadership, service and fellowship</li></ul>	
<b>Leadership Chair   UF Pride Mentor Program</b>	<b>Aug 2013-Aug 2014</b>
<ul style="list-style-type: none"><li>❖ Developed leadership workshops and launched committees for a 70-person program</li><li>❖ Coordinated mentor-mentee retreat with activities aimed at group cohesion</li><li>❖ Guided a mentee through social, academic and leadership opportunities at UF</li></ul>	

<b>Historian</b>   UF Environmental Horticulture Club	Aug 2012-May 2013
<ul style="list-style-type: none"> <li>❖ Coordinated presale orders and deliveries of poinsettia sale grossing \$60,000</li> <li>❖ Developed departmental bulletin and maintained photographic records of events</li> <li>❖ Explored horticulture industry in the Netherlands, Costa Rica and France: visited public gardens, commercial greenhouses and plant nurseries</li> </ul>	
<b>Participant</b>   PLANET Student Career Days Team	Mar 2013, Mar 2015
<ul style="list-style-type: none"> <li>❖ Represented UF at Auburn University and NC State in competitive agricultural events related to agriculture techniques, professionalism, and leadership</li> </ul>	
<b>Participant</b>   UF Gatorship Leadership Retreat	Feb 2014
<ul style="list-style-type: none"> <li>❖ Analyzed diversity and social issues related to race, culture, religion, socio-economic status, sex, and sexual orientation to promote an inclusive society</li> </ul>	
<b>Executive Board</b>   Sarasota Sister Cities Association	Jul 2011-2012
<ul style="list-style-type: none"> <li>❖ Promoted international relationships through citizen diplomacy by hosting international student exchanges and facilitating global business</li> </ul>	
<b>Board of Directors</b>   Crowley Museum and Nature Center	Jul 2010-2011
<ul style="list-style-type: none"> <li>❖ Restructured policies and procedures, planned and coordinated annual fundraisers, and gave insight to a younger population in Sarasota County</li> </ul>	

### Service

<b>Program Assistant</b>   UF Wilmot Gardens Therapeutic Horticulture Program	Jan 2014-Present
<ul style="list-style-type: none"> <li>❖ Work with spinal cord injury, dialysis and depression participants from Shands Hospital</li> <li>❖ Lead and assist with sessions, teaching horticultural techniques including propagation, seed biology, and plant identification and use</li> </ul>	
<b>Grounds Volunteer</b>   Selby Botanical Gardens, Sarasota, FL	May 2010-Jul 2012
<ul style="list-style-type: none"> <li>❖ Improved appearance of various gardens while learning about plant propagation, soil supplementation, landscape plant establishment and landscape design</li> </ul>	
<b>Volunteer</b>   Shands Hospital, Gainesville, FL	Jun 2016-Aug 2016
<ul style="list-style-type: none"> <li>❖ Conducted group activities, working with psychiatric patients in Psychiatry Unit 52</li> </ul>	
<b>Research Mentor</b>   UF EH	Nov 2016-Present
<ul style="list-style-type: none"> <li>❖ Guided undergraduate students in formulating experimental design and protocol, and follow IRB protocols for experimentation</li> </ul>	

### Awards and Honors

<b>Finalist</b>   UF Larry J. Conner Medal of Excellence	Apr 2016
<ul style="list-style-type: none"> <li>❖ Recipients are senior undergraduate students with a distinguished scholastic record, high degree of leadership, and fosters diversity within the student body and society</li> </ul>	
<b>Scholar</b>   The Cortiss Knapp Engle Scholarship in Horticulture	Apr 2015
<b>UF CALS Recipient</b>   Charles and Thelma Palmer Scholarship	Jul 2014-2016
<b>Florida Medallion Scholars Award</b>	Aug 2012-May 2016
<b>Phelps Foundation Trust Scholarship</b>	Aug 2015
<b>Eagle Scout Rank</b>   Boy Scouts of America	Jun 2011
<ul style="list-style-type: none"> <li>❖ Executed a service project guiding a team of ten scouts in building three wheelchair-accessible planter boxes, while gaining communication, fundraising, and carpentry skills</li> </ul>	

### Refereed Publications

“Gardening for Therapeutic People-Plant Interactions during Long-Duration Space Missions”   <i>Open Agriculture</i>	Jan 2017
“The Healing Power of Plants”   <i>SNA Research Conference</i>	Aug 2016