

Luis Salazar

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Education

- Bachelor of Science in Plant Science** May 2017
Specialization: Genetics
University of Florida (UF), Gainesville, FL
- Minor in Environmental Horticulture** May 2017
University of Florida, Gainesville, FL

Experience

- Undergraduate Research Assistant, Dr. Harry Klee's Tomato Breeding Program** October 2014 – Present
Gainesville, FL
- Managed experimental trial of transgenic tomatoes
 - Performed PCR on tomato plants
 - Conducted gel electrophoresis and captured UV images
 - Analyzed glucose and fructose content of tomatoes through sugar assays
 - Pollinated and helped maintain three tomato greenhouses

Academic Experience

- Micropropagation Labs, UF** January 2015 – April 2015
Gainesville, FL
- Implemented own successful micropropagation protocol for snapdragon by analyzing literature
 - Propagated plants through means such as shoot, node, and meristem culture
 - Germinated seeds utilizing *in vitro* methods such as seed surface sterilization
- Plant Science Labs, UF** August 2014 – Present
Gainesville, FL
- Utilized several conventional propagation methods to multiply plants
 - Recorded field data and determined effectiveness of field tests

Involvement

- Active Member, Environmental Horticulture Club** September 2014 – Present
- Assisted in the upkeep of thousands of Poinsettia plants, including pruning and transplanting plants
 - Increased social events for the club
 - Headed marketing and cashiers for annual Poinsettia sale
- President, Environmental Horticulture Club** April 2016 – Present
- Acted as liaison between environmental horticulture department and student club
 - Headed executive board meetings
 - Ran general body meetings

Skills

Language: Spanish (fluent)
Computer: Microsoft Word, PowerPoint, Excel (Basic), Outlook