


# Yvonne Henderson

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## SUMMARY

Dedicated researcher and project coordinator with 8 years of experience in plant sciences. Strengths in organizing, managing and implementing projects and experiments with attention to detail and excellent follow-through. Resourceful in solving problems that result in increased efficiency and effectiveness in executing experiments. Bring strong collaboration and teamwork skills to enhance group productivity and deliver timely results.

## EXPERIENCE

### Axis Biological Solutions

Dedicated to using science-driven methods to help enhance plant productivity and yield

#### Senior Research Associate

July 2017 - October 2019 | Hayward, CA

#### Project Management

- Planned all phases of experiments from plant growth to data collection over an eight-week period
- Collaborated and coordinated with several teams, including analysis, chemistry, and lab service teams to ensure experiments and materials are in place for project completion within the timeframe
- Increased efficiency and decreased workplace injuries by coordinating communications between team members and project planning to distribute workload
- Created Wiki pages for documentation of data, results, reports, and images for use in presentations
- Utilized LIMS database to track up to 32 compound samples and over 500 individual plants and measurements for the analysis team to create reports for product review meetings

#### Problem Solving and Administration

- Reduced lab expenses by identifying new experimental methods to avoid excess and wasted materials
- Created and revised SOPs for new and current projects, equipment, and specific duties that identified safety and hazard concerns. Analyzed key data that led to improved methods for achieving for repeatable experiments
- Established and led weekly logistics meetings to assist team in preparation and planning of weekly experiments
- Ordered and maintained supply inventory which resulted in smooth and effective execution of experiments
- Trained one direct report to perform day-to-day tasks and safety protocols. Mentored him on the company culture
- Participated in phone and in-person interviews to screen and hire research associate positions for the team

#### Research and Process Improvement

- Researched ideas and methods from scientific literature and developed new assays that validated the evaluation process of our compounds and products
- Tested and implemented improved watering schedules and tools used to grow more consistent and robust plants
- Created two simple organizational tools that improved our efficiency and reliability of results

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## Research Associate II

January 2013 - July 2017

- Planted seeds, prepared materials, treated seeds with compounds and products, monitored daily plant maintenance, seedling and final counts, and harvested for fresh and dry weights
- Obtained and compiled data into spread sheets; analyzed, and summarized through PowerPoint slides and graphs, and managed and updated data on internal interface for knowledge share

## Research Associate I

April 2011 - January 2013

- Helped maintain Arabidopsis pipeline for other research functional groups
- Maintained laboratory supplies, prepared liquid and solid media, and kept overall cleanliness of workspace

## VOLUNTEER WORK

### Gentiva Health Services

#### Hospice Volunteer

March 2014 - June 2015 | San Jose, CA

- Provided companionship for end of life veteran patients through; socializing, providing emotional support, reading books and/or newspapers, listening to music, preparing meals, and performing household chores
- Served as a care giver relief
- Awarded Volunteer of the Month - September 2014 and The President's Volunteer Service Award - April 2015

## CERTIFICATION

**Certified Associate Project Management - In progress**

**Project Management Institute**

**Clinical Research Conduct and Management - In Progress December 2020**

**UC Berkeley Extension**

## EDUCATION

**B.S. Biological Science**

**University of California, Davis**

2006 - 2010 | Davis, CA