

Michael James McCallum

Place and Date of Birth: United States of America, 06 May 1991
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Education

Vinifera EuroMaster: European Master of Science (M.Sc.) of Viticulture and Enology from IHEV, EMaVE

SupAgro of Montpellier – France
December 2017

Bachelor of Science Degree: Horticulture with a Focus in Horticultural Sciences

Michigan State University
December 2014
Advisor: Dr. Ron Perry

Work Experience

Quinta do Seixo, Sandeman, SoGrape Vinhos – Douro, Portugal, *September 12th – October 9th 2016*

Student Internship

- Student internship with two other colleagues
- Maceration and fermentation control including the sole responsibility for the use of machines for pigeage on red Douro table wines and Tawney, Ruby Porto wines
- Responsible for helping vinify one million litres of red Porto wines, five hundred thousand litres of red Douro table wines

Viticulture/Enology Laboratory – East Lansing, MI, *March - September 2015, May 2014 - December 2014, September 2013 - December 2014*

From Volunteer Undergraduate Research Assistant to Intern to Part-Time Research Assistant

- Designed and completed a research experiment that consisted of spraying organic stylet oil on Vignoles to examine its effect on cluster morphology
- Assisted international graduate students on their respective Masters and PhD experiments
- Took viticulture measurements (Leaf area, Shoot length and count, etc.)
- Took fruit chemistry measurements (Brix, pH, Titratable acidity)
- Conducted color and phenolic assays
- Set up datalogger
- Vineyard maintenance including: tilling, tucking, sowing, foliage removal, backpack spraying
- Vineyard establishment/maintenance
- Cellar maintenance

Plant Physiology Laboratory – East Lansing, MI, *March - September 2015*

Research Technician

- Maintained relations with growers
- Took physiological measurements
- Built and maintained irrigation systems
- Participated in media demonstration of an experimental over-the-row cherry harvester

Michigan State University Department of Horticulture – East Lansing, MI, *September 2014 -*

December 2014

Teaching Assistant, Wines and Vines class

- Crew of three people
- Prepared classroom before lecture and cleaned after
- Managed/Delegated students with tasks
- Proctored examinations
- Assisted Professor throughout the lecture

Michigan State Horticulture Demonstration Gardens – East Lansing, MI, *May 2013 - May 2014*

Crew Member, Annual Garden

- Crew of up to three people
- Tilled, edged, and mulched beds
- Mixed and applied fertilizer
- Installed and maintained around 30,000 annuals
- Scouted for pests, diseased or damaged plants
- Pruned bushes and trees
- Train new team members, cultivated relationships with visitors
- Cleaned and maintained hardscapes
- Responsible for returning recycling and taking brush to be chipped
- Cleaned and maintained greenhouses and headhouse
- Installed fencing
- Helped execute special events
- Provided tours and information to visitors