**Ste. Michelle Wine Estates Viticulture Department**

- Production of high quality grapes from many areas throughout Washington State
- Understanding different developmental phases of wine grapes to ensure the highest quality wine is produced
- Working with a variety of growers from many different areas of Washington State to have a diverse variety and production outcome

### Responsibilities

- **Pest and disease Scouting**
  - Powdery Mildew
  - Mealy Bugs
  - Virus symptoms
  - Thrip damage
  - Nitrogen Deficiency

- **Monitoring Phenology Points**
  - Bloom
  - Fruit set
  - Lag phase
  - Pre veraison
  - Veraison

- **Cluster counting**
- **Lag phase cluster weights**
- **Berry Weights**
- **Vine Weights**
- **Scouting: chemical injury, winter injury, Water stress**
- **Irrigation Management**

### Summary

- This has given me the background knowledge to become a successful grape grower in Washington State
- I have learned how to identify many pests and diseases involved with grape growing, and how to interact with growers in different situations in their vineyards.
- Working hard to learn as much as possible when given a great opportunity is key to achieving success.
- This internship has given me the opportunity to accept a full time position as a viticulture technician with Ste. Michelle Wine Estates.