

# GRIFFIN CARPENTER

## CONTACT

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### PHONE:

970-817-0474

### EMAIL:

[griffinmarkcarpenter@gmail.com](mailto:griffinmarkcarpenter@gmail.com)

### PUBLICATIONS:

Carpenter, Griffin. Mountain Scholar Thesis (2023).

<https://mountainscholar.org/items/49cd8d32-3fdb-49d5-8b68-1ea73ed00ae2>

## EDUCATION

### Master of Science

Colorado State University  
August 2023

### Bachelor of Science

Colorado State University  
May 2014

## WORK EXPERIENCE

### Wasson-ECE

Applications Chemist  
Fort Collins, Colorado, August 2023- Current

-Highly experienced in standard lab operations

-Quality control of custom analytical applications of gas chromatographs

-Highly experienced in producing SOP, reports, and presenting

### Colorado State University

Graduate Research Assistant  
Fort Collins, Colorado, August 2021–August 2023

-Teaching Assistant for General Microbiology

-Highly experienced in aseptic technique, microbial enumeration, and biological indicators

-Experienced in performing risk assessments utilizing biological indicators

-Highly experienced in preparing qPCR plates

-Highly experienced in maintaining strain

-Highly experienced in Microsoft Office Suite and R Studio software

-Demonstrated knowledge of microbiology and food safety

-Field onion production research pathogen persistence

-Highly experienced in oral presentations and technical writing

## **Xiant Technologies**

Plant Scientist

Greeley, Colorado, May 2017–March 2020

- LED research on plant controls
- Greenhouse maintenance and production
- Experimental design and data collection
- Presentation to stakeholders and report writing

## **University of Tasmania**

Research Technician

Glebe, Tasmania, November 2016–February 2017

- Isolation of Botrytis to study its impact on commercial cherry production

## **Colorado State University**

Research Technician

Fort Collins, Colorado, August 2010–October 2015

- Phenotyping beans for dry edible production
- Data management and analysis
- Laboratory analysis of plant matter

## **CERTIFICATIONS**

### **Advanced Gas Chromatography**

- Wasson-ECE Course 2023

### **BSL-2 GMP/GLP Microbiology**

- Colorado State University training

### **bioMerieux Molecular Suite**

- bioMerieux training in VIDAS, GENE-UP, and TEMPO