

Edgar Correa

960 Greendale Rd Harrisonburg, VA 22801
Phone: (702) 503-6858 Email: excorr@vt.edu

EDUCATION

B.S. Crop and Soil Sciences with minors in **Biological Sciences and Horticulture**, expected May 2017
Virginia Polytechnic Institute and State University, Blacksburg, VA
Overall GPA: 3.3/4.0

ACADEMIC PROJECTS

Senior Capstone: Crop and Soil Science, Fall 2016

Virginia Tech – Blacksburg, VA

- Project: **Improving Nutritional Value of Cassava through Breeding For Increased Sulfur-containing Amino Acids**
- Proposed a solution to a current agricultural issue
- Researched past and current research involved in cassava biofortification
- Presented our results to a class of 20 students

Plant Pathology, Fall 2016

Virginia Tech – Blacksburg, VA

- Project: **Disease Notebook**
- Identified three production limiting diseases and management practices
- Focused on strawberries, blueberries, raspberries, and blackberries.

RESEARCH EXPERIENCE

Project: **Molecular Markers for Low Trypsin Inhibitor Soybean Breeding Selection**

Advisor – Dr. Bo Zhang

Virginia Tech – Blacksburg, VA

May 2016 – Present

- Worked with two populations of 600 individuals
- Identify SSR and/or SNP markers associated with trypsin inhibitor concentrations
- Used KASP and AVI for genotypic data
- Used a high performance liquid chromatography (HPLC) machine for phenotypic data
- Presented project at Virginia Tech Undergraduate Research Symposium

Undergraduate Research Assistant, Virginia Tech Soybean Genetics and Breeding

Blacksburg, VA

October 2014 – Present

- Helped with graduate students' and program projects
- Fieldwork – soybean crossing, planting, managing, selecting, field notes and harvesting research plots
- Data collection – yield, moisture content, seed size and quality, protein and fatty acid content
- Lab work – extraction of DNA, phytic acid, sugar, and trypsin inhibitor

OTHER EXPERIENCE

Student Position, Virginia Tech Dining Services, Turner Place

Blacksburg, VA

February 2014 – May, 2016

- Food service, Qdoba
- Communicated with coworkers for quick and smooth service
- Multi-tasked to make sure customer's needs were met
- Learned various task quickly and taught others efficiently

SCHOLARSHIPS/ AWARDS

Virginia Crop Improvement Associate Scholarship

2015-2016

Virginia Beef Corporation Scholarship

Spring 2016

John Lee Pratt Animal Nutrition Senior Research Scholarship

Fall 2016

Dean's List

2015-2016

SKILLS

Language: Fluent verbal/written English & Spanish

Computer: Microsoft Office (Word, Excel, PowerPoint)

Laboratory: NIR, PCR, HPLC, Agarose Gel Electrophoresis, and AVI

ACTIVITIES

Circle K International

2013-Present

Students for Clean Energy at Virginia Tech

2015-Present