

18. Greenhouse - Environmental Control System Interactive Videos

Mentors: [Joshua Craver](#), [John Stolzle](#), [Brian Kailey](#)

Location: Fort Collins, Jefferson and Logan Counties

1. Mentor Team

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2. Location

Fort Collins, Jefferson County & Logan County

3. Internship goals and objectives

The primary goal of this internship is to be able to create online interactive fact sheets based around greenhouse and indoor environmental systems. This new version of fact sheets will consist of an interactive online document. The goal is to allow the end user to navigate through a greenhouse with 360-degree viewing, in addition to seeing the greenhouse the user will be able to click on icons that will explain each part of the greenhouse and its function. This document will also give the user an idea of what parts must be included in each greenhouse or growing system and what ones are optional. Our hope is to have a working platform, and one to two fact sheets completed by the end of the internship.

4. PRU Activities

Environmental Horticulture; Individual, Family, and Community Well-Being

5. Learning outcomes and professional development

1. Become familiar with Extension specialists on campus within horticulture and Ag Communications.
2. Understanding the inner workings greenhouse and how environmental systems operate the greenhouses.
3. Developing a new type of learning platform for Colorado residence and other across the country.
4. Working side by side Extension agents and ag producers on understanding environmental control systems.

6. Support of stakeholder needs

These interactive fact sheets will help bridge the gap from those that learn by reading to the more visual learner. Stakeholders across Colorado have been asking for more interactive learning opportunities based on the web. Currently there is not many learning opportunities for Colorado residence with this type of platform offered by Colorado State University Extension.

7. Experience and approach to mentorship

The mentors have experience from previous years of participating in the internship program. These folks will give clear expectations and guidance on what work need to be done. They will also help the intern build a professional portfolio during their service as intern. We also like to

give the intern space to develop their own capacity, to allow them to build confidence and ownership of project presented to them.

8. Connections to CSU faculty

This internship will work closely with the indoor growing systems on campus and around Fort Collins.

9. Travel funds

Limited travel funding will be available to support travel.