

Honors Projects, Fall 2018

Madison Coon

Course: Cell and Molecular Biology (Biology I); Instructor: Juliet Moderow

DNA extraction of various species was performed. The species tested were human, nonhuman animal, bacteria, plant, and fungi. It was investigated to determine whether there was a correlation between the number of chromosomes in the species to the amount of DNA extracted.

Caroline Giuffre

Course: Cell and Molecular Biology (Biology I); Instructor: Juliet Moderow

The rate of photosynthesis in a plant was studied. The test subject was spinach; leaf sections were placed in four wavelengths of light (white, red, green, and blue) to determine which light is most effective for optimal photosynthesis.

Miranda Goeke

Course: Video Production; Instructor: Jim Yeager

A video was created to showcase the Mass Communication program. The video production involved filming clips, editing clips, editing sound, and finalizing the video with new voice and sound effects. The project allowed the application of coursework to the production of a video. A link to the video can be found here: <https://www.youtube.com/watch?v=cTHNjnIDsPs>

Sedona Smith

Course: Introduction to Psychology; Instructor: Chelsea Martinez

An IRB-approved study was performed to determine the relationship of human motivation and student success. The data collection involved administering a survey to a select group of students. The data was analyzed to see if a student's academic success is based on ability to self-motivate rather than their intelligence.