

Spring Honors Projects, Spring 2015

Alexa Buss

Course: Financial Accounting; Instructor: Jennifer Alderman

The project consisted of developing a teaching tool to provide a new way to present difficult chapters in this particular course, (i.e., more student friendly). There was also completion of an extra assignment to gain more knowledge in the subject area and help in the future career.

Sidney Finkenbinder

Course: Intro to Shakespeare; Instructor: Sam Fiorenza

The project was an evaluation of the relevance of Shakespeare plays towards today's generation. Today's generation are used to movie imagery rather than using one's own imagination. After evaluation and research, a paper was completed.

Courtney Flemming

Course: Microbiology; Instructor: Juliet D'Souza

An experiment was conducted to test the myth about the five second rule. The experiment was conducted by using contact plates on surfaces for up to five seconds and also testing whether dropped foods have time to pick up bacteria from the surface. The conclusions were that it only took 3 seconds to pick up bacteria and most bacteria picked up were that of the normal human microbiota on their bodies.

Blake Gordon

Course: Intro to Shakespeare; Instructor: Sam Fiorenza

The history of the Globe Theatre in England was researched. Also, the setting of the theatre was compared to modern day theatres, in regards to appeal and use of technology. Finally, a research paper was completed.

Gertrude Heimerdinger

Course: Intro to Art; Instructor: Bob Apolloni

Research was completed on three to four artists and their works of arts. Also the works of arts were displayed into a distorted image that speaks to the student. Finally, a portfolio was compiled of the artists' works of art and the research completed for the project.

Shelby Hitchcock

Course: General College Chemistry II; Instructor: Brendan Dutmer

In collaboration with other honors students, a test of the models and basis sets for silicon containing molecules against crystallographic data was performed. The goal was to identify an optimal computational method for modeling tetra- and pentavalent silicon atoms. Finally, a model of similar silicon containing molecules that have not been experimentally studied will be attempted.

Theresa Kain

Course: Anatomy & Physiology II; Instructor: Tony Grahame

A hypothesis was developed on how blood pressure and pulse vary within a demographic. Data collected was analyzed and determined if there is an association with blood pressure and pulse. (Students were not tested, the data was collected as part of the regular course lab activities).

Jacqueline Penticoff

Course: Nursing Clinical Development III; Instructor: Kay Sperry

A Nurse Practitioner was job shadowed. Her main focus in the elderly. A research paper will be written about the complexity in care for the elderly population of patients. The research may provide evidence on how to care for the elderly and reduce polypharmacy issues.

Carolyn Rohloff

Course: Introduction to Business; Instructor: Joe Grove

Completion of two additional case studies in the course. The case studies foster critical thinking and problem-solving skills. A formal report was completed.

Carolyn Rohloff

Course: Office Procedures; Instructor: Denise Johnson

Completion of a research paper and presentation on the ethics in the business world and workplace. The paper and presentation will be informative, covering different attitudes on ethics and the impacts of demographic, cultural, and historical factors on the codes we have today.

Kathy Ryan

Course: General College Chemistry II; Instructor Brendan Dutmer

An analysis of organic molecules with hetero-cyclic rings, rings that have multiple different types of atoms and 6-membered rings containing silicon was performed. The first goal is to computationally study results that have been experimentally verified about how silicon bonds. The second goal is to study systems that have not yet been experimentally discovered.

Mighty Sandhyapagu

Course: General College Chemistry II; Instructor Brendan Dutmer

In collaboration with other honors students, a test of the models and basis sets for silicon containing molecules against crystallographic data was performed. The goal was to identify an optimal computational method for modeling tetra- and pentavalent silicon atoms. Finally, a model of similar silicon containing molecules that have not been experimentally studied will be attempted.

Keeley Scace

Course: Intro to Philosophy; Instructor Kay Ostberg

Research was conducted on the philosopher Descartes. In addition, a discussion of the the field of philosophy and the philosopher's background, accomplishments, and major contributions to the field was completed.

Anna Walker

Course: Introduction to Business; Instructor: Joe Grove

Completion of two case studies, in addition to those as part of the regular course. The case studies are specifically to finance and anti-trust in business. A formal report was completed.