



The Connections Symposium is a time for us to recognize student achievement and highlight the many experiential learning opportunities throughout our campus and curriculum.

We are thrilled to be featuring presentations from over 150 Wittenberg students in sessions throughout the afternoon of April 19. In the following pages, you can find a schedule of events and brief descriptions of each presentation. If you are looking for a particular presenter, you can find a list of presentations by author at the end of this program.

Presentations are scheduled between 2:00 p.m. and 5:15 p.m. at several locations in the heart of campus. Thomas Library will host poster presentation sessions and offers light refreshments. Musical performances will take place in Weaver Chapel. Talks and panel discussions will be held throughout Blair Hall in rooms 101, 108, 115, 201, and 208. A map of these locations can be found on page 29.

While you're in the library, you can also stop by Wittenberg's student-operated Sip's Coffee Bar to enjoy a "Cross Connections Mocha" and q ! ae sM ei

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English Department Session 1
2:00 to 3:30 p.m. in Blair Hall 101

2:00 to 3:00 p.m. Sessions

Blair Hall 201

This study aims to understand perceptions of skin conditions and mental health and how they relate together.

Blair Hall 201

Examining the effects on trans and nonbinary Wittenberg students' mental health when trans inclusive language was not practiced. Study is part of Kai Reeves's senior thesis and consists of surveys and interviews.

2:00 to 3:00 p.m. Sessions

Blair Hall 208

2:00 to 3:00 p.m. Sessions

Thomas Library

Poster Session 1

Spotted turtles can be difficult to track, so it is important that when researchers take the time to search for them, it occurs during optimal conditions. By determining at what temperature the turtles are submerged, scientists can know when to go into the field.

A presentation of Census Data in Springfield and Clark county.

A research study examining student experiences, beliefs, and feelings about school shootings and preparedness drills during their K-12 education.

We are curious to know for sexually active people, does the use of contraceptives and other proper precautions reduce the number of syphilis and other sexually transmitted diseases over the next five to ten years?

Our nursing evidence-based practice class has done research for the Clark County Health Department.

2:00 to 3:00 p.m. Sessions

2:00 to 3:00 p.m. Sessions

Thomas Library

Poster Session 1

The role of school involvement compared to being isolated and how it affects anxiety and depression rates.

Fiddler crabs are affected by ocean currents and weather patterns. If weather patterns are varied will that impact the species' abundance for the given area?

Two years ago, a restoration plan was put into effect along a small section of Buck Creek to remove Amur Honeysuckle (*Lonicera maackii*), a fast-growing, invasive species, and replaced it with native plants. Using a quadrant method, I surveyed honeysuckle regrowth, the number of successful native live stakes, and the species of the live stakes and observed significant honeysuckle regrowth and minimal native plant survival demonstrating the need for continual upkeep in honeysuckle treatment.

2:00 to 3:00 p.m. Sessions

Thomas Library

Poster Session 1

This presentation will be on Botox which has been approved as a treatment for migraines around 2010. This poster presentation will focus on the background of what Botox is and the biochemical mechanism of how migraines work and how Botox works to treat migraines. It also will touch on mouse models of migraine and how it tied into human models of testing and treatment.

This project investigates the impact of food insecurity on measures of anxiety and working memory in mice.

3:00 to 4:00p.m. Sessions

Weaver Chapel

Vocal performance

Weaver Chapel

We will be singing a selection of songs from our concert set.

3:00 to 4:00p.m. Sessions

Heather Wright, Chair

Blair Hall 115

Women's Studies
Panel Session 2

Society elevates monogamy while stigmatizing alternative forms of intimacy like swinging, seen as deviant despite its long history. However, as swinging becomes more accepted, it challenges traditional notions of relationships, with an increase in participation and growing sophistication of swing clubs, aiming to decrease social stigma over time.

Are polyamorous relationships inherently slutty? This presentation will explore this question by analyzing the throuple consisting of the Empress, the Duchess, and the Duke in Margaret Cavendish's work of science fiction *The Blazing World*.

This work delves into how social media like Reddit and 4Chan contribute to the radicalization of incel communities and promote the violent ideologies that are essential to the beliefs of incels while also discussing the motivation for such attacks. Also covered is the idolization of past offenders and the root causes of incelism and misogyny, citing social expectations and patriarchal norms. Through analysis of academic research and real-life instances of Incel violence, it highlights the role of social media in fostering this belief system.

3:00 to 4:00p.m. Sessions

Blair Hall 201

This is a study that explores the relationship between sleep quality and mental health. This study helps to provide suggestions about how institutions can improve student rest and mental health.

Blair Hall 201

In my project I argue that the empirical evidence Situationism presents does not prove the non-existence of a traditional conception of Virtues

Blair Hall 208

Economics Senior Seminar Session 2

I study how the share of grandparents who raise grandkids correlates with a state's income per person. I use data from the American Community Survey database and include controls for states' race, crime rate, education attainment, labor type, and health insurance status.

I study the relationship between states' population and GDP per capita. I use data from the American Community Survey years 2017-2022 and include controls for Unemployment, Education, Age, and Political party.

My research estimates the relationship between college education attainments and GDP growth. Using the World Bank Data from 139 countries from 2010-2019, I include controls for Electricity, Inflation, Life Expectancy, and Development Status.

3:00 to 4:00p.m. Sessions

3:00 to 4:00p.m. Sessions

Thomas Library

Poster Session 2

My senior thesis centers around nurses' experiences while working in L&D, Special Care, NICU and Postpartum, specifically addressing their experiences while working with perinatal loss. I researched the topic by looking at coping methods of nurses and emotions felt, and I formed recommendations to address the mental health concerns of nurses.

The project is evaluating mental healthcare provided in the emergency department. It also includes my recommendations for better solutions.

3:00 to 4:00p.m. Sessions

Thomas Library

Poster Session 2

As a fourth-generation resident of a family farm in southwest Ohio, I investigated the environmental impact of modern agricultural practices on my family's property. Through multi-generational interviews, county office records, and aerial photographs, discernible habitat and species reduction over the last hundred years is evident.

Research on the sampling of pollinators in Ohio and their genetic diversity by DNA isolation.

This last summer, I spent 6 weeks in Kenya surveying and excavating collecting faunal assemblages to gain insight into Hominin behaviors. Analyzing spatial and temporal distribution of locations associated with Hominin butchery sites we are able to better understand environmental context of the behaviors in the Pleistocene.

On a Marine Ecology field trip, five different hermit crab species and different shell types were collected from North Carolina using an epibenthic sled and taken back to the Duke Marine Lab to record shell type occupancy. Analyzing shell occupancy is of interest because there is a potential for hermit crabs to have shell type preferences.

3:00 to 4:00p.m. Sessions

Thomas Library

Poster Session 2

Three surveys are used to measure faculty knowledge, beliefs, and actions. The surveys are administered immediately after workshop attendance, then 1 and 2 years after attendance. Their post-workshop responses are compared to their retrospective post-workshop survey responses.

Our research is looking into strength and hypertrophy growth during resistance exercise while either utilizing a 3 minute or 5 minute rest interval between each set. Our goal is to determine whether an application of 3 or 5 minute rest intervals will maximize growth and efficiency with training.

We examine interventions for reducing the influence of peer pressure among college students. Barriers to resisting peer pressure and behavior change techniques used in the intervention are discussed.

Generally, college students have trouble managing their time. We investigated interventions designed to help college students better manage their time and explored the barriers to effective time management and specific behavior change techniques used in interventions.

Our presentation will look into aspects of enhancing social interactions and relationships. We researched intervention strategies and i reW 116 90hnnning

3:00 to

English Department Session 2
3:40 to 5:10 p.m. in Blair Hall 101

4:00 to 5:15 p.m. Sessions

Blair Hall 115

Sociology Session

This study focuses on exploring the complex dynamics between Hispanic College males and their navigation through their cultural identities as American citizens in college. The study aims to go into the experiences and perspectives of individuals who may travel on the delicate line balance between one's nationality of the United States and maintaining a strong connection to their distinct cultural backgrounds

showing the data analysis between criminals who are neurodivergent and neurotypical and I am analyzing the different conditions of mental and emotional health and how often people are brainwashed and how false information leads to bad training in law enforcement.

Using Dr. Chad Sloss's data, I analyzed it and found links to mental health issues that are being neglected in the prison systems.

Blair Hall 201

This presentation will connect my experience during my service learning trip to Lesotho in the summer of 2022 to some of the key themes in the AFDS courses I have taken at Wittenberg.

4:00 to 5:15 p.m. Sessions

Thomas Library

Poster Session 3

4:00 to 5:15 p.m. Sessions

Thomas Library

Poster Session 3

A pre-test and a post-test for a 1 repetition max, girth test, skin fold and a bioelectrical impedance analysis (BIA) were utilized to determine the affects that increased rest time has on strength and hypertrophy. 10-15 male and female subjects performed bench press, squats, and bicep curls for 3 sets and 10 repetitions at 70 % of their 1 repetition maximum value for each exercise, three times a week for four weeks, where each participant was randomly assigned either a 3 minute rest time or a 5 minute rest time.

This is primary data collection for ongoing thesis work. This research is focusing on the accessibility of healthcare coverage and access for students at Wittenberg, specifically looking to see the potential inequality of healthcare accessibility for out of state and international students.

Figuring out why college students do not use mental health resources and what we can try to do to improve it.

4:00 to 5:15 p.m. Sessions

Thomas Library

Poster Session 3

In our experiment, we are testing superstition based on the astronomical event of the Total Solar Eclipse.

This project explores the differences in attitudes toward mental illness between Buddhists and Muslims and how levels of religiosity may affect these differences.

The purpose of our study was to evaluate and identify correlations between religious affiliation and specific personality traits, including agreeableness, conscientiousness, and openness. The participants of our study were current and former Latter-Day Saints members who completed our survey that evaluated their own personality and their beliefs of personality.

Previous studies have shown that the "refined" method of mice handling led to mice exhibiting less anxiety behaviors than those that were handled with the "old" method. Our group analyzed data from lab in order to test this theory ourselves and found no significant differences between the handling methods.

Map of Locations



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