



Celebration
of
Academic Excellence

Seventh Annual Research Colloquium

November 2-6, 2020

Cumberland University

Lebanon, Tennessee

Schedule of Events

This week we gather as a campus community to explore opportunities to enrich our understanding of a variety of topics both research- and interest-based through student and faculty presentations as well as research from the broader community. We invite you to join our celebration of scholarship and efforts to publicly acknowledge the academic excellence of faculty, students, and community members.

Colorectal Cancer: Causes and Prevention

Presenter: Ms. Sasha Petrova and Dr. Laura Bechard

Ms. Petrova will be informing the audience on the third most common cancer, its causes, and methods of its prevention.

Equal Workload

Presenters: Ms. Alyssa Brim, Mr. Thomas Chase, Mr. Tanner Woodall, and Dr. Christi Griffin

This presentation will be assessing a case study from the textbook for Health Care Leadership and Management taught by Dr. Christi Griffin. We will be explaining the importance of sharing the workload when working in teams in the workplace.

To Be or Not to Be #MeToo?

Presenters: Ms. Madison Dinwiddie, Ms. Haley Stevens, Mr. Carlos Hernandez, and Dr. Christi Griffin

The presenters will be discussing how to resolve a problem using conflict management. They will also discuss how sexual harassment is found in the health care workforce, and ways that it can occur.

Quid Pro Quo

Presenters: Mr. Steven Watson, Ms. Brittany Herman, Ms. Katie Overton, and Dr. Christi Griffin

This presentation is on leadership in the workplace when flirting is happening. What should be done, how can this be handled? It will focus on what should be done in the workplace about quid pro quo situations.

Opioid Crisis

Presenters: Mr. Dustin Smith, Ms. Sarah Davis, Ms. Lexy Chaffin, and Dr. Christi Griffin

The presenters will describe the effects of opioids and the crisis that is being presented with these drugs in America.

College Student's Resiliency

Presenters: Ms. Allie Garcia and Dr. Jenny Mason

The study in which the college experience will be taken in account to measure resiliency.

COVID-19 at Cumberland: An Oral History Project

Presenters: Ms. Kayla Eatherly, Ms. Kaylee Wheeler, Ms. Gracie Revelle, Ms. Hope Titchborne, and Dr. Tara Mitchell Mielnik

Students in History 204, Introduction to Public History, are conducting an oral history project in which the presenters are interviewing people in the Cumberland community, including faculty, students, and administration. The presenters will present their findings and methods used in the project.

Escaping Norm: Short Stories on the Run

Presenters: Ms. Delaney Brandon, Ms. Alycia Byrd, Mr. Andrew Hackett, and Ms. Kerry Ann Moore

Students from the Fall 2020 Advanced Fiction workshop will read from their collections in progress. Although all the stories are quite different, they all investigate what it is like to escape the norm or what is expected of you.

Senior Project in Mathematics - Damion Billingsley

Presenters: Mr. Damion Billingsley and Dr. Will Tune

Senior student Damion Billingsley will give a brief overview of his senior project in mathematics over NFL Rankings and Combinatorics.

Senior Project in Mathematics - Cody Byers

Presenters: Mr. Cody Byers and Dr. Laurie Dishman

Senior student Cody Byers will give a brief overview of his senior project in mathematics over Cryptography.

Senior Project in Mathematics - Parker Kuchek

Presenters: Mr. Parker Kuchek and Dr. Chris Fuller

Senior student Parker Kuchek will give a brief overview of his senior project in mathematics over Waring's Problem.

Secondary Traumatic Stress in the Healthcare Professional

Presenter: Ms. Jessica Barré

The stress that is growing in healthcare professionals is a public safety concern as it affects the well-being of patients. In this presentation, we will examine what secondary traumatic stress is, what causes it, and how it affects burnout of the healthcare professional, specifically the nurse.

Phoenix Rising: A Few Stories of Cumberland Graduates.

Presenter: Mr. Rick Bell

This will be a discussion about a few of the many Cumberland graduates who went on to great success.

Intelligence and IQ

Presenter: Dr. Rachael C. Bible

This presentation will explore the dark history surrounding IQ testing.

Implicit Associations: Unwilling or Unable to Report Bias?

Presenter: Dr. Jessica Billbrey-Worthington

This presentation will address implicit bias and how that affects our understanding, actions, and decisions unconsciously.

The Holocaust Outside the Camps

Presenter: Dr. Sean B. Bortz

We often think of the Holocaust as having taken place largely in concentration and death camps, but almost one-third of the victims of the Holocaust were murdered in mass-shootings and not camps at all.

The Art of Life Program at CU

Presenters: Ms. Leighanne Buchanan and Ms. Kerry Ann Moore

Learn about a new program at Cumberland University helping students and faculty in Wilson County be resilient during everyday stress and traumatic events.

Conspiracy Theories in the Age of Trump

Presenter: Dr. Mark Cheatham

Conspiracy theories have always been a part of the American experience, but in the past four years, they have reemerged in significant ways. This presentation explains conspiracy theories and how they are affecting the U.S. today.

The Promises & Perils of Honeybees & Other Bugs

Presenter: Dr. Eric Cummings

This presentation will discuss bees, beekeeping, and the importance of pollinators.

Stress Reduction During the Covid Pandemic

Presenter: Ms. Claudia Davis

This presentation will identify simple stress reduction strategies that can be used by student during the current Covid Pandemic.

Leading in Times of Adversity

Presenter: Mr. Matt Espenshade

This presentation will discuss how good leaders accomplish great things during tough times.

Contemporary Poetry: Why Doesn't it Rhyme Anymore and What's It All About?

Presenter: Ms. Sandee Gertz

This presentation will take a look at the prosody of poetry of our times and seeing how it "sings" without traditional rhyming structures. Contemporary poetry can be written about anything and is much more grounded in "real life" and everyday concerns than you might imagine-- while still elevating to a high level of art. Includes fun prompts for writing some poetry yourself!

CU History as a Hobby

Presenter: Dr. Sheridan W. S. Henson

Warning: the presenter is not a history professor! Cumberland history is a hobby for him, and he enjoys sharing what he has learned over the years.

Alone Together - How Technology is Changing Our Interpersonal Relationships and Communication Before and During a Pandemic.

Presenter: Ms. Molly Hong

We will explore how technology is bringing us together yet creating distance between us by diminishing our interpersonal communication.

Let's Make a Deal: The Monty Hall Problem

Presenter: Mr. Wyatt Keener

This presentation will break down the brain teaser popularly known as the Monty Hall Problem. We'll discuss the mathematical explanation to the puzzle and put that explanation to the test by simulating the problem.

Mind Control and The Illusion of Free Will

Presenter: Dr. Jenny Mason

Using examples from the fields of Cognitive and Neuropsychology, it can be found that free will and conscious decision making may very well be a myth.

The Forgotten Legends of Soccer

Presenter: Dr. Max Melnikov

The greatest players of all time are household names, even to those who don't follow the beautiful game. The truth is, some of the greatest players that the world has ever seen have been reduced to mere footnotes in the grand history of soccer.

Novus Literary Magazine and Small Press Publishing

Presenter: Ms. Kerry Ann Moore

An introduction to CU's literary journal, Novus Literary Magazine, and quick advice on submitting to small presses like Novus and many, many others for publication.

BLM: All Lives Can't Matter Until Black Lives Matter

Presenter: Dr. Roshanda Odom

There has been controversy of the validity and the need for a 'Black lives matter' disclaimer. Some Americans believe that all lives should matter and Black lives should be included in "all lives." There is evidence that Black lives have not been, and are not, considered and this presentation will address this concern.

Little, White Lies: The Hidden Societal Costs of Unconscious Biases

Presenter: Dr. Janet Parker

The session will be a self-exploration of what your hidden biases may be and a discussion on the effects of such stereotypes within our society. Suggested ways to hold difficult conversations regarding biases of race, gender, sexual orientation, and ethnicities will be highlighted.

Developing Business Leaders for a Better Tomorrow: A Power and Transformational Leadership Perspective

Presenter: Dr. Paul Matthew Percy

According to Gallup, the "best life imaginable" for young people doesn't happen unless they have a great job ... and a manager or leader who encourages their development." The old definition of management of getting things done through other people is no longer acceptable in the 21st century. Leaders as managers need to work with and through others to accomplish the goals of both the organization and its members. As leadership is an influence process and a leader's potential to influence follower's is strongly linked to power, this study examines relationships between leaders' power and motives for followers' conformity by invoking transformational leadership as a mediating variable.

The History and Chemistry of Pigments and Dyes

Presenter: Dr. Sarah Pierce

In this presentation, we will explore the history and chemistry of several pigments and dyes including Prussian Blue, Mauveine, and Indigo.

Gems of Wisdom from My Teachers

Presenter: Dr. Mike Ripski

The presenter will introduce four of his teachers and what they taught him that has made him who he is. Their "gems of wisdom" include 1) how mutual vulnerability heals; 2) permission to challenge authorities; 3) faith development is not abnormal; and 4) our human habit of "bad faith"—our attributing to God what is really our creation.

Math and Music: What They Have in Common and Why That's Important

Presenter: Mr. Lain Tomlinson

Mathematics and music are connected on many different levels, from basic algebra all the way up to advanced topics. Using this relationship can make math more understandable and even more accessible to those with disabilities.

Off with His Head: Andrew Jackson's Head and the Politicization of America

Presenter: Dr. Andrew Wiley

In 1834 a masthead depicting Andrew Jackson was decapitated in Boston. The increasing politicization of the United States meant the decapitation was interpreted as an overt political act.

Genetic Ownership and Home DNA Tests

Presenter: Ms. Julie Windmiller

The presenter will discuss how one's DNA is used after submitted for home DNA kits.