

# **Student Research and Creative Scholarship Colloquium**

**FALL 2022**



**Wednesday, November 30 & Thursday, December 1**

**In S-247 and live via Zoom<sup>1</sup>**

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<sup>1</sup> Please check pages 6 and 7 for Zoom meetings info

**Wednesday, November 30**  
**9:30 a.m. to 12:00 p.m.**  
**S-247 and live via Zoom**

**9:30 a.m. - 10:50 a.m. English 102 – Composition II**  
**Film and Censorship**

Students will conduct a discussion on the topic of film and censorship, investigating when and under what circumstances film should or should not be censored. Presenters will use their individual research paper topics and research to provide perspectives on film and censorship.

Presenters: English 102 Students  
Faculty Sponsor: Michael Petersen

**11:00 a.m. - 12:00 p.m. Honors Political Science 204 - Intro to International Relations**  
**Global Immigration and Refugee Flows: A Look at the Last Two Years**

This honors-level project is to introduce a temporary museum exhibit examining the global immigration and refugee flows over the last two years. Students will be discussing the outflow of people from various regions: Central and South America, North Africa, Ukraine and Russia, and Yemen and Syria. The presenters will discuss how they used various objects, pictures, and maps to tell the immigration and refugee story.

Presenters: Honors Political Science 204 Students  
Faculty Sponsor: Merry Mayer

**Thursday, December 1**  
**8:00 a.m. – 1:30 p.m.**  
**S-247 and live via Zoom**

**8:00 a.m. - 9:20 a.m. Honors English 101 - Composition I**

**“What’s the Perfect Transfer Application Essay Question? And, btw, What’s Its Answer?”**

The University of Chicago’s application essay offers Wright students seeking to transfer the perfect essay question for its function:

**“How does the University of Chicago, as you know it now, satisfy your desire for a particular kind of learning, community, and future? Please address with some specificity your own wishes and how they relate to UChicago?”**

Our Honors Comp class this semester has been reading Malcolm Gladwell’s *Outliers* and discussing its insights for the education realm. In its analyses of schools and success, Gladwell’s argument rests on the assumption that it is opportunity more so than genetic luck that leads students towards achievement. Drawing from their analyses formed in four essays on this subject, students in this class will share their ideas on ways to address their aims and goals in education and how to describe their pursuit of learning in their application essays. By seeing how the U of C embeds creativity and self-initiative into its essay question, we hope this conversation leads us to a better understanding of ways school systems can provide the advantages that create and support opportunities.

Presenters: Honors English 101 Students

Faculty Sponsor: Vincent Bruckert

**BREAK**

**9:30 a.m. – 10:00 a.m.**

**10:00 a.m. - 10:30 a.m. The Center of Excellence for Engineering and Computer Science**

**“Overcoming Comfort Zone to Better the Self-Efficacy of Undergraduate Student”**

Participation in co-curricular activities and extra-curricular activities increases self-efficacy (an individual’s confidence in how effectively they can achieve a task). However, many students at community colleges have additional responsibilities, such as family obligations which prevent them from being involved. Students are concerned that participation in activities will negatively affect their performance at college to an unknown degree. This concern further affects their self-efficacy. A low self-efficacy results in little to no participation which in turn leaves a student with missed opportunities for professional and personal development while creating a low sense of belonging. We hypothesize that increasing participation in co-curricular activities, especially in student organizations, will provide positive experiences and increase a sense of belonging and self-efficacy. To test our hypothesis, we conducted a survey designed for alumni, transfer, and current students that

will measure the impact and success based on student involvement at community college. The preliminary data suggests that engagement in co-curricular activities increases self-efficacy and belonging, and therefore improves academic standing.

Presenters: Shlesha Patel, Melvin Cabrera, Guadalupe Pina-Castillo, Andrew Steppan, Vivian Nguyen, Dylan Mitchell Cabebe

Faculty Sponsor: Dr. Doris Espiritu

## **BREAK**

**10:30 a.m. -11:05 a.m.**

### **11:10 a.m. - 11:30 a.m. The Center of Excellence for Engineering and Computer Science “Strengthening Student’s STEM Identity Through Service”**

Service through volunteerism has been shown to be correlated with growth in social behavior and academic aptitude. STEM-related service has the potential to promote an individual’s growth and belonging in the profession. Although beneficial there are limited studies that address the impact of service with STEM-identity (ability to see oneself as a STEM professional) and STEM-efficacy (belief in one’s ability to succeed in STEM). We hypothesize that students who participate in STEM-related services, increase their STEM identity and efficacy. To test the hypothesis, we designed several short and long-term STEM-related service projects and designed STEM-identity and self-efficacy surveys. Students were asked to participate in these projects and respond to the surveys. Preliminary results indicate an increase in STEM efficacy and belongingness to the STEM community. Participants also expressed willingness to continue providing STEM-related service. More service activities will be designed to expand the current sample size to enhance these findings.

Presenters: Selvin Tobar, Yessenia Nicacio-Rosales, Adam Moine, Anna Le, Abdelouahab Eskawi

Faculty Sponsor: Dr. Doris Espiritu

## **BREAK 11:30 a.m. – 1:05 p.m.**

### **1:10 p.m. - 1:30 p.m. Engineering Program Research “The Development of a Research-Based App for Effective Mentor-Mentee Matching”**

This work-in-progress paper explores the development of a research-based app for finding an effective mentor-mentee match. Mentorship is essential to professional success; it has been shown to exist in various forms, both formal and informal. However, the most successful mentorships occur when the relationship evolves organically. For an ideal mentoring relationship to happen, there should be a percentage of matching between several dimensions (personality type, demographics, college major, and interests). The weight of importance of

each dimension is unknown. We designed an experimental algorithm to test our hypothesis using a tier-based approach that matches mentor and mentee profiles to generate match scores. The results are preliminary, and we will increase the sample size to complete the Phase I experiment and adjust the algorithm for Phase 2. We expect the research-based mentor-mentee app to be an effective approach that can be widely used with a well-tested algorithm.

Presenters: Alondra Gonzalez, Ahmed M.Sozzer, Dominika Panek  
Faculty Sponsor: Dr. Doris Espiritu

**The presentations will be held in room S-247, in the Science Building and streamed via Zoom.**

## Day One link for all the meetings

Topic: Student Colloquium Day One

Time: Nov 30, 2022 09:30 AM Central Time (US and Canada)

Join Zoom Meeting

<https://cccedu.zoom.us/j/81914404508?pwd=elZoR3lIaGZ3cld2YVY3Z3NrTWNuQT09>

Meeting ID: 819 1440 4508

Passcode: 075121

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+1 719 359 4580 US

+1 253 205 0468 US

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

+1 360 209 5623 US

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Meeting ID: 819 1440 4508

Find your local number: <https://cccedu.zoom.us/u/kdZi5RF8kx>

Join by Skype for Business

<https://cccedu.zoom.us/skype/81914404508>

## Day Two link for all the meetings

Topic: Student Colloquium Day Two

Time: Dec 1, 2022 08:00 AM Central Time (US and Canada)

Join Zoom Meeting

<https://cccedu.zoom.us/j/81875684171?pwd=RUNmTUhaMDZIUGg0M3VBZVg3UUQxdz09>

Meeting ID: 818 7568 4171

Passcode: 509102

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Meeting ID: 818 7568 4171

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*Thank you to our presenters and to our faculty sponsors!*

