

Program Overview

Friday, September 28, 2018

High Point University, Congdon School of Health Sciences

5:30 pm	Registration	Lobby
6:00 pm	Reception	Ballroom
6:45 pm	Welcome	Callicutt Auditorium
7:00 pm	Keynote	Callicutt Auditorium

Saturday, September 29, 2018

High Point University, Wilson School of Commerce

8:00 am	Registration	Lobby
8:00 am	Breakfast	Ballroom
8:45 am	Overview	Ballroom
8:50 – 9:40 am	Poster Session	Lobby
9:45 – 10:25 am	Concurrent Sessions I	Classrooms
10:30 – 11:10 am	Concurrent Sessions II	Classrooms
11:15 – 11:55 am	Concurrent Sessions III	Classrooms
12:00 – 12:45 pm	Buffett Lunch	Ballroom
12:45 – 1:30 pm	Applying to Graduate School	Ballroom
12:45 – 1:30 pm	Business Meeting	Boardroom
1:30 – 2:00 pm	Awards & Closing	Ballroom

Miscellaneous Info

WIFI: HPU-Guest provides wireless access for guests of High Point University. To connect to HPU-Guest Wifi, follow these steps: 1) Select the HPU-Guest network to connect; 2) Follow login link; 3) enter email, and press connect.

Location & Restrooms: Wilson School of Commerce is located right below Congdon on the map. You will find a copy of the campus map on the next page. Restrooms are located on each floor of Wilson School of Commerce. Please see HPU Volunteers for directions.

Friday, September 28, 2018

6:45 PM

**Conference Opening: Dr. William Carpenter, Director
HPU Honors Scholar Program**

**Welcoming Remarks: Dr. Dennis Carroll, Provost
High Point University**

Our Keynote Speaker:

Dr. Kirstin Squint
High Point University

Dr. Kirstin Squint is an Associate Professor of English at High Point University, specializing in U.S. multi-ethnic literatures. She is the author of *LeAnne Howe at the Intersections of Southern and Native American Literature* (LSU Press, 2018). She is also a co-editor of *Swamp Souths: Literary and Cultural Ecologies*, under advance contract with LSU Press, and the editor of *Conversations with LeAnne Howe*, under advance contract with the University Press of Mississippi. In 2018, she received HPU's Ruth Ridenhour Scholarly and Professional Achievement Award and the Excellence in Faculty Collaboration Award from HPU's Office of Multicultural Affairs.



Dr. Squint's keynote address is *The Journey from Conversation to Publication and All Points in Between*. Emerging from her own experiences as a writer, researcher, and interviewer, Dr. Squint will discuss how significant conversations can be the cornerstone of the research process and how even miscommunication can be an opportunity for learning.

Saturday, September 29, 2018

Poster Presentations

8:50 – 9:40 am

Lobby, Wilson School of Commerce

Why participating in student leadership activities matters

Angelica Lynn, University of North Carolina Asheville

This presentation describes some of the organizations I am a part of, and I will discuss why it is imperative for individuals to get involved on campus.

Circle K Club

Chad Deroy, High Point University

Circle K Club is a service club on campus that is active in the community, by doing various service projects.

Honors Event: A Murder Mystery Dinner

Callie Elliot and Joy Smith, Gardner-Webb University

The presentation on this event will cover the planning, costs, and outcome of our Murder Mystery Dinner.

Hybridized University Admissions Lottery

Matthew Q. Knipfer, High Point University

Racial diversity is a pillar of higher academic institutions, but it hides socioeconomic holes; can we have solved this through mathematics?

Content Review of the Notice of Funding Opportunity (NOFO)

*Makala Carrington, University of North Carolina Charlotte **

The purpose of this project was to contribute to the progress monitoring strategies for the administration of the upcoming funding cycle and the integration of a new performance and evaluation reporting system.

From Voting to Vaginas: An Analysis of Music in the Feminist Movement

*Emily Fogleman and Samantha Gates, Catawba College **

Throughout history, music has been used as a vital tool in social movements to advocate for social change; this poster will discuss specifically music used in the Feminist Movement.

Alexithymia and Conversation: A Cup of Coffee Please

Alexandria R. Stone, University of North Carolina Charlotte

The complex relationship between alexithymia, caffeine administration and emotion identification suggest individuals with alexithymia should consume caffeine in order to communicate effectively in day-to-day interactions and conversations.

Becoming Black Death: An Examination of Plague Inc.'s Epidemiological Simulation

Macayla Upright, Catawba College

To analyze the impact of infectious disease in popular culture, we examined the effectiveness of Ndemic Creations' Plague Inc., a single-player simulation video game, as a medium that is not only engaging, but realistic.

Purification and Characterization of Cyclic-di-AMP Receptor CabPA of Streptococcus Mutans

Hannah Grace Lemacks, Western Carolina University

Studying the mechanisms of CabPA-mediated regulation of VicR transcriptional activity in *S. mutans* by purifying and characterizing CabPA.

The Synthesis and Complexation of Boronic Acids and N-Oxides

Hannah Kline, Western Carolina University

A series of boroxines and boronates have been prepared via microwave-assisted synthesis and were complexed with n-oxides to form dative bonding motifs.

Type I Supernovae and the Expanding Universe: A Conversation about Human Existence

Bailey Williamson, Robeson Community College

This will be a presentation about how discussing the discoveries of type I supernovae can lead to conversations about the expanding universe and what this means for human existence.

Photophysical Characterization of Novel Rhodamine B dimers

Nathan Grinalds, High Point University

Novel fluorescence dimers have been synthesized and analyzed in various solvents to understand how solvent environment and unique linkers affects their photophysical characteristics.

Esterification of Carboxylic Acids for Analysis via Gas Chromatography Using Swellable Organically Modified Silica as a Nano-Reactor

Elizabeth Vaughn, Appalachian State University

This research proposes an efficient universal method for the derivatization of carboxylic acids to methyl esters in the presence of an acid catalyst by using swellable organically modified silica (SOMS) as a nano-reactor.

Accepted Presentations Cancelled Due to Hurricane Florence

An Action Research Study Examining Three Instructional Activities and English Vocabulary Retention In an Elementary Classroom in Ethiopia

Sarah Bischoff, University of North Carolina Wilmington

This action research study was conducted to examine the vocabulary retention of 19 kindergarten students who are English Language Learners (ELLs) in an elementary school in Addis Ababa, Ethiopia.

A Comprehensive Review of Pinniped Diving Behavior

Emily Grose, University of North Carolina Wilmington

This presentation will highlight the main points of pinniped diving behavior research so far while comparing foraging and drift diving techniques across seal species.

Using a Light Trap to Identify Early Seasonal Dynamics of Nearshore Ichthyoplankton

Sydney Stark, University of North Carolina Wilmington

This study looked to see if using a light trap within Long Island Sound would be a viable sampling method to identify the presence of ichthyoplankton.

Coding Child Protective Services Case Records of Child Maltreatment

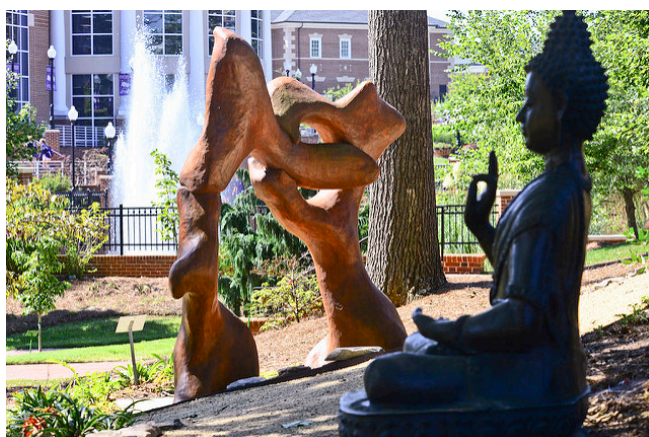
Christy Johnson, University of North Carolina Wilmington

A description of the methods used to code CPS case records and how this data will be used in future research.

UNCW Honors Student Mentors

Noah Baker and Savannah Miller, University of North Carolina Wilmington

This presentation will review the mission, benefits, and effects of Honors Student Mentors in first-year honors seminar classes.



Concurrent Sessions I

9:45 – 10:25 am

A. Service Learning: WSOC 307

Despite Hardship, The Kids Are Alright: Service-Learning as an Intercultural Experience

Albert Chow, University of North Carolina Asheville

This presentation discusses intercultural development through a community partnership as part of a service-learning course.

Student Transiency in Title 1 Schools: Reducing Student Mobility Rates in Guilford County

Avery Moon, High Point University

The problems of transiency and the solutions to tackling students transfers between schools in inner-city communities.

B. Education: WSOC 316

“The Importance of Early Language Acquisition in Deaf Children: Sign Language and Education”

Lauren Szalay and Brooke Rockot, University of North Carolina Greensboro

We are presenting the importance of deaf children learning sign language as their native language, and the importance of access to an education in sign language.

C. Sexuality: WSOC 317

You Got Blood on your Face, You Big Disgrace: Vampirism and the Shaming of Female Sexuality in Literature

Taylor Cielo, Catawba College

This presentation studies vampirism and the shaming of female sexuality in literature.

Aces and Sex

Dov Wiener, University of North Carolina Asheville

A brief overview of asexuality and why it should be discussed.

D. STEM: WSOC 340

From Flowers to Pharmaceuticals: Developing an Undergraduate Research Project in Medicinal Chemistry

Sara Wasserman, University of North Carolina Asheville

An orchid filled anecdote of one honors student's quest to blend her passion for plants and her fascination with pharmaceutical development into one coherent research project.

Understanding and Predicting Wet Season Precipitation in the Agrarian Andes of Ecuador

Carly Narotsky, University of North Carolina Asheville

This research presentation analyzes the impacts of climate change and El Niño events on the rainy seasons relied upon by farmers in the Andes of southern Ecuador.

E. Conversations: WSOC 342

Minimizing the If of Conversation

Vivian McAllister, High Point University

Could college curriculum be adapted to include coping mechanisms for those with social anxiety, while raising awareness about the disorder for those who don't have social anxiety?

The Relationship Between Technology and Conversation

Josiah Williams, High Point University

This presentation will look at the role technology plays in negatively impacting the development of conversational confidence.

Concurrent Sessions II

10:30 – 11:10 am

F. Mentoring: WSOC 307

WCU Honors College Mentoring Program

Savannah Redding, Emma Younts, Ashleigh Cseh, and Jessica Posa, Western Carolina University

An insight into the Honors College mentoring program at Western Carolina University.

G. Experiential Learning: WSOC 316

Beyond the classroom: The benefits of a gap year between high school and college

Elena Keller, University of North Carolina Asheville

I will be talking about my experiences during my gap year and how they furthered my learning, independence, and maturity that essentially prepared me for college.

The Conscious Breath

Ruby Lou Taylor, High Point University

The power of conscientious breathing and why it should be taught in schools.

Studying Abroad and Its Impact on My College Experience

Sarah Maske, University of North Carolina Greensboro

Using my recent spring semester in Hull, England, this presentation looks at the benefits and tips to studying abroad as a honors student.

H. STEM: WSOC 317

Analyzing the Role of Tat-SF1 in HIV-1 RNA Stability and Export

Julia Trautman and Molly Hulver, High Point University

This work attempts to demonstrate if the human protein Tat-specific factor 1 (Tat-SF1) interacts with HIV-1 RNA using in vitro RNA binding assays.

Synthesis of Computationally-Derived ERK2 Substrates to Probe Kinase Activity During Oxidative Stress

Will LeFever, High Point University

Using solid-phase peptide synthesis, we synthesized the substrate of ERK2, termed Sub-D, along with anionic and cationic derivatives to compare differences in phosphorylation levels when introduced to ERK2 in the presence or absence of oxidative challenge.

I. Literature: WSOC 340

Roles and Representations of Southern Women through Multi-cultural contexts

Dr. Louis B. Gallien, Jr., Victoria Moreno, Hayden Slentz-Kesler, and Zykkiah Silver, Appalachian State University

A panel presentation centered on the roles and representations of southern women in literature through the lenses of African-American, Latina and Trans-gendered Students.

J. Health and Wellness: WSOC 342

A Conversation Concerning the Reasons Behind Our Diet Decisions

James C. Marshall, Robeson Community College

This project is a work in progress, and it will tackle the conversation concerning how people, in regards to healthier foods, make the decisions they do when they buy and consume food.

The Eternal Battle between Antimicrobials and Pathogens

Malvika Choudhari, Southern Piedmont Community College

This research project determined the effects of two antibiotics and two antiseptics on common pathogens to analyze the effect of antibiotic resistance and to understand ways that bacterial resistance can be reduced.

Concurrent Sessions III

11:15 - 11:55 am

K. Humanities: WSOC 307

Loss Compensation of Modern Objects

Alexis Moon, University of North Carolina Asheville

A discussion on the ethical considerations for restorative conservation practices, particularly in the context of modern art and contemporary artists materials.

What Grounds the Truth Value of Religious propositions?

Jerry Pcolar, University of North Carolina Asheville

Up to date research on the philosophy of science and its application in structuring religious knowledge systems.

L. Education: WSOC 316

A Never-ending Quest: Tracking and Evaluating Student Engagement and Outcomes

Portia Harris, Maria Hayden, Angela Bolte, Julia Boyer, and Rebecca Munich, University of North Carolina Greensboro

This presentation will focus on a discussion of how best to collect and evaluate information to assess student engagement and outcomes for those students involved in student groups and appeal to the collective audience to share their best practices.



M. Literature and Film: WSOC 340

It's Not Just Another Superhero Movie: Christopher Nolan's Homages to Romantic and Victorian Literature in the Dark Knight Trilogy

Johnathan Rife, Catawba College

This discussion focuses on the interplay between Romantic and Victorian literature and Christopher Nolan's the Dark Knight Trilogy.

Nudge: A Documentary Film on Movie Product Placement and its Effects on Individuals of the Collegiate Age

Trevor Burkholder, Western Carolina University

Trevor Burkholder has set out to create an exposé documentary on the product placement observed in films to better understand how his generation is being affected by the medium's capitalists.

Elevating, Amplifying, Inspiring: Why We Need Jewish Women's Stories

Rena Lubin, University of North Carolina Asheville

Sharing stories, inspiring change; in this presentation I will discuss the mission and scope of my internship at the Jewish Women's Archive, the impact of story-collecting projects, and the power of personal histories.

N. STEM: WSOC 342

Inhibition of Actinobacteria and Actinobacteriophages by ZnO Nanoparticles

Monica D. Reece, Western Carolina University

The recent increase in antibiotic resistance has prompted us to study zinc oxide (ZnO) nanoparticles for their antimicrobial properties, low toxicity, and cost-effectiveness; specifically, our work explores the use of ZnO nanoparticles to inhibit bacterial species from the phylum Actinobacteria and the viruses (Actinobacteriophages) that infect them.

Evaluation of Adjuvant Scaffolds for Mechanism of Action and Broader Therapeutic Potential

Mikaela Seemann, High Point University

We screened compounds that previously showed antibiotic adjuvant activity in methicillin resistant *Staphylococcus aureus* (MRSA) against several Nebraska Transposon Mutant Library (NTML) mutants to identify potential adjuvant targets and screened select compounds for both antibiotic and antibiotic adjuvant activity in other clinically relevant species.

Buffett Lunch

12:00 – 12:45

Wilson School of Commerce Ballroom

Special Session for Students

Wilson School of Commerce Ballroom
12:45 – 1:30

Applying to Graduate School

Blair W. Brown is the graduate recruiter for High Point University. He is responsible assisting all prospective High Point University graduate students before, during, and after they apply. In his 19 years of professional higher education experience, he has worked in a senior-level capacity in graduate and international roles at 5 other research universities (both public and private). He has presented on the process of applying to graduate school throughout the nation and has recently authored a book-chapter (NAFSA) and served as AACRAO's national chairperson for recruitment and retention. He is currently working on predictive analytics, using quantitative and qualitative data for enrollment management in post-secondary education.

He holds a B.A. from James Madison University, and an M.Ed. from the University of Virginia. He also completed doctoral coursework in Higher Education Administration at the University of Virginia.

He is extremely happy to be in a role where he can directly assist students attain their educational goals.

Business Meeting

Wilson School of Commerce Boardroom
12:45 – 1:30

Closing & Awards Ceremony

Wilson School of Commerce Ballroom
1:30 – 2:00

ENTER

HIGH POINT UNIVERSITY

