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 Icthyoplankton
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 ichyoplankton.

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 Iff 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.

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**The Conscious Breath**

*Ruby Lou Taylor, High Point University*

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

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**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.

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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.

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**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.

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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.
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

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.

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.

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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.

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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.

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Business Meeting

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

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Closing & Awards Ceremony

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