



# UNDERGRADUATE RESEARCH & CREATIVE WORKS NEWSLETTER

October, 2015





# UNDERGRADUATE RESEARCH & CREATIVE WORKS

## Happy Fall!

The Undergraduate Research and Creative Works Office would like to wish everyone a Happy Fall! As a department, we work hard to keep students and faculty aware of opportunities and accomplishments in the realms of collaborative research or creative works. It is very important to us to celebrate the successes of all creative and scholarly work as well as encourage students and faculty to engage and participate in these works. We cannot emphasize enough the advantages to undergraduate research and creative works. These opportunities are excellent ways to enrich the academic career of all college students and make students more competitive for the job market.

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Research rookies is a program for freshman and first semester sophomores who desire to be incorporated into the research and creative work atmosphere of High Point University while still early in their undergraduate careers. This program teaches students the importance of research, research ethics, research methods and design, the creative process, understanding data and analyses, as well as how to write and present creative or scholarly work. Completing this program shows the student to be committed to research, which will give them an edge later in job interviews or application for graduate or professional schools.

Currently, the Undergraduate Research and Creative Works Office is pleased to have 58 students enrolled in the Research Rookies Program as of the Fall of 2015.

Students from all majors are welcome to apply. Anyone interested should contact Dr. Joanne Altman, Director of the Undergraduate Research and Creative Works, at [jaltman0@highpoint.edu](mailto:jaltman0@highpoint.edu).

## Mission Statement

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The mission of the Office of Undergraduate Research and Creative Works program at High Point University is to engage undergraduates in student-faculty collaborations that reflect individual and unique scholarly and imaginative experiences which promote the development of new competencies and foster critical thinking, and provide students with privileged opportunities to add to the sum of human knowledge.

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## UNDERGRADUATE RESEARCH & CREATIVE WORKS



### STATE OF NORTH CAROLINA UNDERGRADUATE RESEARCH & CREATIVITY SYMPOSIUM

#### Congratulations to High Point's SNCURCS Participants!

The State of North Carolina Undergraduate Research and Creativity Symposium is an annual symposium held each year to provide undergraduate students from all academic fields of study to present and share their research and creative works. These works can be shared through a variety of formats, including posters, presentations, performances, and works of art.

High Point University is proud to host this year's SNCURCS event on November 14<sup>th</sup> from 9 AM to 4:30 PM.

High Point is also pleased to announce that 47 of our students will be sharing their work at the symposium.

#### HPU Students Published in International Research Journal

Alex Hostetler and Taylor Agapite were published in the October 2015 issue of *The International Journal Research Publication's Research Journal of Economics and Business Studies*. Their article "Charlotte and Boston During The Great Recession: Positive Effects on Both Cities in 2008" stemmed from their Spring 2015 FYS class with Sr. Peter Summers. These students independently submitted their essay to the editor and it was published, an excellent example of High Point students taking initiative and getting their research out in the intellectual spheres. Congratulations Alex and Taylor!

#### Family Weekend Poster Show



Over Family Weekend, The Undergraduate Research and Creative works Office hosted a Summer Research Student Presentations symposium during which students who participated in either the Summer Research Program in the Sciences (SuRPS) or the Summer Research Institute (SuRI) programs presented their work from this past summer. Four students from the SuRI program presented posters along with six students from the SuRPS program.

### Student Travel Grants:

**Lauren Rubenstein** and mentor Dr. Deborah Danzis were allocated a grant to attend the Society for Personality and Social Psychology Conference 2016 in San Diego in January of 2016. Lauren will be presenting her work titled “Who is blamed the most? An Investigation into the Factors that Affect the Amount of Blame Attributed to Victims of Crime.” A number of psychology students will be attending.

**Nicholas James** and his mentor Dr. Thomas Dearden were allocated a grant to attend The American Society of Criminology Annual Meeting in November 2015 in Washington D.C. There, Nicholas will be presenting their work on “An Evaluation of Pulling Levers Focused Deterrence on Intimate Partner Violence.”

**Emalie Ashe** and **Mary Kyner**, along with their mentor Dr. Alixandra Yanus have been allocated a grant to attend the National Women’s Studies Association 2015 Conference in Milwaukee, Wisconsin during November 2015. There they will present their work on “Strategic Initiatives in a Time of Precarity: Co-Curricular and Interdisciplinary Approaches to Women’s Leadership and Civic Engagement” as part of a roundtable discussion on the WAGE Leadership project.

**Lauren Terry** and mentor Dr. Jeffery Taylor were allocated a grant to attend the Ohio Physical Therapy Association Scientific Symposium in Columbus, Ohio on October 9<sup>th</sup>, 2015. There Lauren presented her work “Does Intrinsic Foot Strength Affect Plantar Forces On The Hallux During A Basketball-Specific Task?”

**Alan Vasquez Soto**, **Rodrigo Catalan Hurtado**, and **Thomas Boudreaux**, along with their mentor Dr. Brad Barlow were allocated a grant to attend the 227<sup>th</sup> American Astronomical Society Meeting in January 2016 in Kissimmee, Florida. While there Alan will present his work on “There and Back Again? The Disappearing Pulsations of CS 1246.” Rodrigo, who had Veronika Schaffenroth from the University of Innsbruck as an additional mentor, will be presenting “The EREBOS Project: Time-Series Photometry of new HW Vir Binaries from the OGLE Survey.” Thomas, who also had Richard A. Wade from Penn State as an additional mentor, will be presenting his work on “New Long-Period Hot Subdwarf.”

**Nicole Clark** and her mentor Dr. Dinene Crater were allocated a grant to attend the 2015 Meeting of the North Carolina Branch of the American Society for Microbiology on October 3<sup>rd</sup>, 2015 at NC State in Raleigh, North Carolina. There she will be presenting work on “The Investigation of the transcription Regulator GerE in Clostridium Species.”

**Kaitlyn Griffith** and her mentor Dr. Laurie Zack were allocated a grant to attend the Southeastern Conference for Undergraduate Women in Mathematics in Durham, North Carolina in November 2015. Kaitlyn will be presenting on 3D printing of electron orbitals. In addition to Kaitlyn, 8 other students will be attending the conference including **Genevieve Meyer**, **Whitney Brown**, **Leah Yoch**, **Melanie Fichialos**, **Sara Paiani**, **Amy Greaves**, **Anneka Kendra**, and **Brek Hayward**.

### Student Travel Grants Continued:

**Jonica Waltrous, Conner Haler, Elizabeth Carlson, Lauren Bacon, and Nikeisha Maddox**, along with their mentor Dr. Shannon Campbell were allocated a grant to attend the PRSSA Bateman Case Study Competition Conference in November of 2015 in Atlanta, Georgia. This conference is the start of a yearlong competition in which these students will create a local and national campaign for the non-profit Student Veterans of America. At this first conference, these students will attend workshops, Q&A sessions, team building workshops, and they will also receive critiques and feedback on their initial campaign plan.

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### Student Project Support Grants:

**Ariel Hodges and Helen Barker**, along with mentor Dr. Joanne Altman were allocated a project support grant to travel to Greensboro for their work on “Investigating Cognitive Ability in a Lemur.

**Allyson Kane and Meg Essepian**, along with their mentor Dr. Hughes were allocated a project support grant for their work on “The Effects of Shade treatment on Anthocyanin and Photopigment concentrations in Saintpaulia ionantha cultivars differing in the presence or absence of abaxial anthocyanin.”

**Rebecca Ulrich** and mentor Dr. Meghan S. Blackledge were allocated a project support grant for their work on “Probing the Structure-activity relationship of Escherichia coli extracellular death factor”. Rebecca is joined in her research by two fellow co-investigators: **Lisa Nguyen** and **Nickolle Baker**.

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### Innovation: Journal of Creative and Scholarly Works

*Innovation: Journal of Creative and Scholarly Works* is High Point University’s Undergraduate Research and Creative works journal. *Innovation* features research and creative works done by undergraduate students in a wide range of disciplines from High Point University. This journal is published online, which opens up the journal for multi-media insertions such as audio or video. The journal is published in May of each year. Being published in the undergraduate journal enhances a student’s marketable credentials when looking for jobs or when applying to grad school.

The online editions of *Innovation: Journal of Creative and Scholarly Works* can be found at <http://www.highpoint.edu/urcw/hpu-journal/> along with the criteria for submission, the deadline is December 31<sup>st</sup>.

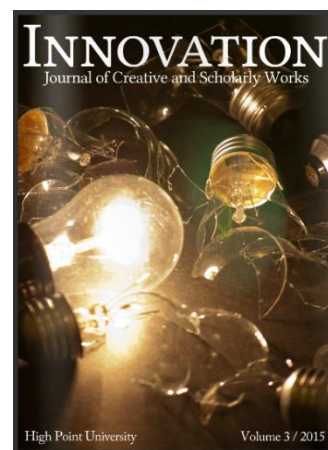


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## UNDERGRADUATE RESEARCH & CREATIVE WORKS

### Want to get involved in Research?

Interested in getting involved in research on campus? Not sure where to start? Check out ScholarBridge.com. This website is a new way for students to search for research opportunities with faculty on campus! All you have to do is go to ScholarBridge.com and create a profile. Once on the site you will be able to search through faculty on campus who are participating in research and are interested in having help from students.



### We've Moved!

The Undergraduate Research and Creative Works office has moved! We are now located in a bright new office on the second floor of the beautiful new Cottrell Building. Stop by, say “Hi”, and check out our new location!

### Contact Us and Like Us on Facebook!

Dr. Joanne Altman

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**Website:** [www.highpoint.edu/urcw](http://www.highpoint.edu/urcw)

**Facebook:** High Point University Undergraduate Research & Creative Works

Newsletter brought to you by Rebecca Irons