

UNDERGRADUATE RESEARCH & CREATIVE WORKS

URCW OF HIGH POINT UNIVERSITY'S OFFICIAL MONTHLY
NEWSLETTER

November/December 2017

IN THIS ISSUE

SNCURCS Recap

Research Spotlights

Approved Grants

Spring Opportunities

Getting started in
URCW

OUR MISSION:

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, providing students with privileged opportunities to add to the sum of human knowledge.

WRAPPING UP FALL!

The Office of Undergraduate Research & Creative Works is excited to congratulate faculty and staff on another successful semester at High Point University! We would like to inform you of recent student accomplishments as well as future opportunities available within the realm of collaborative research and creative works. We hope to inspire you with student success and encourage you to enrich your own undergraduate experience with such projects.

SNCURCS

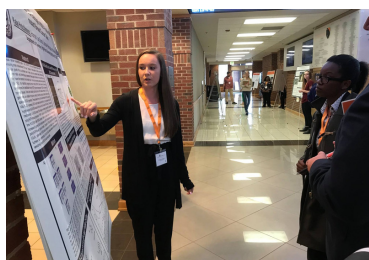
STATE OF NORTH CAROLINA UNDERGRADUATE RESEARCH AND CREATIVITY SYMPOSIUM

On November 4th, **14 HPU students** presented their original research at the State of North Carolina Undergraduate Research and Creativity Symposium held at Campbell University.

URCW congratulates the following presenters:



Joshua Allen	Jordan Krisfalusi
Maggie Andruis	Deanna Lee
Helen Barker	Seanna Naylor
Riccardo De Cataldo	Alexandra Sprouse
Hannah Lee Dixon	Dan St. Germain
Kate Hutchinson	Nicole Tarangelo
Katie James	Amanda Vo



We would also like to thank the following faculty mentors for their support of these students:
**Laura Alexander, Joanne Altman, Jillian Davis, Keir Fogarty,
Mike Grider, Brian Heagney, Kirsten Li-Barber, Paul Ringel,
Melissa Sourgi, and Benita VanWinkle.**

About SNCURCS:

Colleges, universities, and community colleges in North Carolina host a symposia each year to showcase NC undergraduate student research and creative work. SNCURCS provides undergraduate scholars in all fields a forum to share the results of their work through posters, presentations, performances, and works of art.

There is no fee to apply and URCW covers all associated costs for presenters.
Consider applying for 2018!

LEARN MORE AT [HTTP://SNCURCS.ORG/](http://sncurcs.org/)

SNCURCS CONTINUED

GEORGE BARTHALMUS UNDERGRADUATE RESEARCH GRANT:

Dr. George T. Barthalmus was the driving force behind the creation of the State of North Carolina Undergraduate Research and Creativity Symposium. He had a passion for encouraging undergraduates to pursue their interests through the process of research, be it in the sciences, humanities, or through artistic expression. He was an advocate for early involvement of students in the research process as a way to engage and retain students in academics. To this end, the George Barthalmus Undergraduate Research Awards have been developed to promote early involvement in the research process through support of sophomores in a research project of their design. These awards are designed to assist students with development and engagement in undergraduate research. Students from all disciplines are invited to apply for the awards.

(Taken from <http://sncurcs.org/barthalmus-grants/>)

HPU's own **BELLA GRIFASI** was one of this year's proud recipients of the Barthalmus Grant.

I am overcome with joy to say that I am one in ten North Carolina college students that have received a George T. Barthalmus Undergraduate Research Grant. I'll be using the money in the Marshall Lab to continue our research on the effects of ethanol on the neuroimmune system, specifically microglial activation.

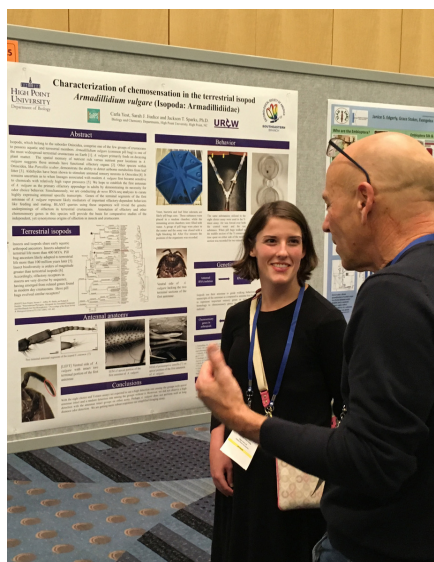
Bella will be represent HPU at the 2018 Symposium to present her research.



RESEARCH SPOTLIGHTS

Carla Yost

Senior Amanda Smith and Junior Carla Yost joined Dr. Sparks at the 2017 Entomological Society of America meeting in Denver, CO November 5-8th. Amanda presented a poster describing her work on fruit fly olfactory genes. Carla presented a poster describing her work on the evolutionary origins of olfaction in terrestrial crustaceans. Dr. Sparks gave an invited talk on preventing mosquito-borne diseases. The trio attended sessions on transgenic insects and met with representatives from BASF, Monsanto and many top academic institutions.



Hannah Lee Dixon

Hannah Lee presented Chemistry research in Charlotte the weekend of November 8th at SERMACS. She gave an oral presentation entitled, "The Mechanism of IB-DNQ-Induced Cell Death in NQO1 Positive BRCA2-mutant Breast Cancer Cells" to an audience of research scientists, post-doctoral fellows, industry leaders, and students.



MELANIE MALDONADO and MEGAN DEILING

presented at the North Carolina Undergraduate Psychology Conference in Durham with fellow student Brianna Bruggeman and faculty mentor **Sarah Ross**

HANNAH LEE DIXON

presented at the Southeastern Regional Meeting of the American Chemical Society (SERMACS) in Charlotte with faculty mentor **Melissa Srougi**

KAYLEE CAMPBELL and ROBERT GLASS

also presented at SERMACS in Charlotte with faculty mentor **Pamela Lundin**

KATIE JAMES

will present at the Society for Research in Adolescence Conference in Minneapolis this April with faculty mentor **Kristen Li-Barber**

ERIN BRADY, MICHAEL WELTER, and NOLAN ROTH

will present at the 2018 Winter Meeting of American Association of Physics Teachers in San Diego this January with faculty mentor **Aaron Titus**

REBECCA ULRICH, KYRA GILLARD, and NICHOLAS CUTRONA

will present at the National American Chemical Society Meeting in New Orleans this March with faculty mentor **Megan Blackledge**

RILEY MACKLIN

will present at the Academy of Criminal Justice Sciences Annual Meeting in New Orleans this February with faculty mentor **Jessica Swanson**

CLAIRE LAUTERBACH and ZACH SCHALL

will present at the 2018 Southeast American College of Sports Medicine Annual Meeting in Chattanooga this February with faculty mentor **Matthew Kuennen**

ALEXIS NEWTON, JARED LINDSAY, JESSICA JOYCE, and SARAH PATTISALL

will present at the Southeastern Writing Center Association Conference in Richmond this February with faculty mentor **Leah Schweitzer**

CLAIRE LAUTERBACH and ZACH SCHALL

will present at the Southeast College of Sports Medicine in Chattanooga this February with faculty mentor **Matthew Kuennen**

PADDY CLANCY

will join former grant awardees Kyle Corcoran, Thomas Boudreaux, and Zach Hutchins in presentations at the American Astronomical Society in Washington, DC in January with faculty mentor **Brad Barlow**.

CONGRATS & GOOD LUCK!

SPRING OPPORTUNITIES



INNOVATION

JOURNAL OF CREATIVE AND SCHOLARLY WORKS

SUBMISSIONS DUE TUES. JAN 30, 2018

The mission of *Innovation* is to publish a journal composed of scholarly and creative works from HPU undergraduate students. The editors of the HPU journal of Undergraduate Research and Creative Works solicit and select papers that represent a range of disciplines. Works from all disciplines are encouraged.

Find more information and submit at
<http://www.highpoint.edu/urcw/hpu-journal/>

SIRG

SCHOLARLY INTERDISCIPLINARY RESEARCH GRANT

APPLICATIONS DUE SUN. APRIL 1, 2018

The new URCW grant awards students up to \$1000 and can be used for research or creative works supplies and/or travel for fieldwork. The recipient will be awarded this grant at High-PURCS on April 10, 2018. Funds will be made available for use summer 2018 for the 2018-2019 academic year.

Find more information and submit an abstract at
<http://www.highpoint.edu/urcw/hpu-grants/sirg-grant-info/>

HIGH-PURCS

HIGH POINT UNIVERSITY RESEARCH & CREATIVITY SYMPOSIUM

TUES. APRIL 10, 2018

ABSTRACT SUBMISSIONS DUE MARCH 15

High Point University students from all schools, majors, and minors are invited to participate. This event will showcase student scholarship in a supportive environment that models a professional venue. Students may choose to present their work as a poster, oral presentation, brief performance, or exhibit. Projects must be mentored, independent work that reflect originality and creativity while being quality products.

Find more information and submit an abstract at
<http://www.highpoint.edu/highpurcs/>

WANT TO GET INVOLVED?

GET STARTED WITH URCW



Research Rookies

Freshmen, it's not too late! Getting involved in research or creative works in college helps students build unique credentials to distinguish themselves from among the nearly 2 million other students they will graduate among and compete with for jobs or entrance into graduate and professional schools!

Enroll at <http://www.highpoint.edu/urcw/research-rookies-program/>



ScholarBridge

ScholarBridge helps connect students and faculty who share research interests. At www.scholarbridge.com professors and students create profiles, and students can search for research opportunities. You only need a name and verified email to get started. We suggest HPU students use their HPU email. From lemurs to NASA, find out what research and creative works flourish at High Point University.

Summer Research Programs

URCW offers three different opportunities for summer research - The Summer Research Institute (SuRI), The Summer Research Program in the Sciences (SuRPS), and The Congdon School of Health Sciences – Summer Research Fellowship (SuRF). Housing is included in all three upon acceptance. The diversity of these programs are meant to help expand our student research to all disciplines.



& look for us next semester

URCW

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