



UNDERGRADUATE RESEARCH & CREATIVE WORKS NEWSLETTER

November, 2015



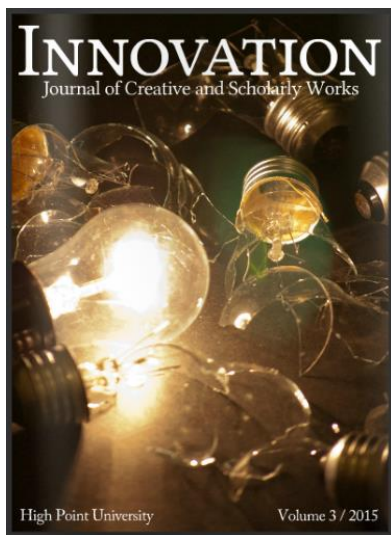
UNDERGRADUATE RESEARCH & CREATIVE WORKS

Happy Thanksgiving!

The Undergraduate Research and Creative Works Office would like to wish everyone a Happy Thanksgiving! 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.



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 possibilities for many mediums including multi-media insertions and submissions such as audio or video. Submissions

can be any work that is mentored by a professor, including course work, as long as it has been approved by a mentor before

submission. Some examples of submissions include research, poetry and performances. 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 graduate 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 for submission has been EXTENDED to

Mission Statement



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.



Coming Soon: Applications	2
SNCURCS	3-4
Grants	5-6
Student Research Published	6

January 15th, 2016.

Research Rookies Applications:

Enrollment in the Research Rookies program starts again in spring of 2016. This program is open to 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 independent scholarly work, which will give them an edge later in job interviews or applications for graduate or professional schools.



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

Summer Research Programs:

The URCW office is introducing a *third* summer research program: **Congdon School of Health Sciences – Summer Research Fellowship (SuRF)**

All HPU students may apply for one of these programs! Applications for High Point University's three Summer Undergraduate Research opportunities, SuRI, SuRPS, and SuRF will be available spring semester.



SuRI – The Summer Research Institute (SuRI) is open to all High Point University undergraduate students in any discipline. The participating students sign up with a faculty mentor with whom they wish to work over the summer on a project of their choosing. Last summer, 21 High Point students participated in the SuRI program with various faculty members from 10 disciplines.

SuRPS – The Summer Research Program in the Sciences (SuRPS) is a competitive research program in which students apply to work with faculty in the biology, chemistry, or physics departments on pre-determined projects. Last summer, 24 students were selected from among 50 applicants.

SuRF - The NEW Congdon School of Health Sciences – Summer Research Fellowship (SuRF) provides motivated students with opportunities to work closely with faculty in the School of Health Sciences to perform intensive mentored research. Students involved in this program publish manuscripts with faculty in esteemed peer-reviewed journals and consistently present their findings at national and international scientific symposia. The application process for the SuRF is highly competitive.

Stay tuned for our new summer research logo!



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 in North Carolina 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 proudly hosted this year's SNCURCS event on November 14th with over 500 student presenters.

Congratulations to this year's presenters:

Catherine Bakewell

Helen Barker
& Ariel Hodges

Matthew Beck

Jacqueline Cafasso

Matthew Carnaghi

Ryan Casey

Nicole Clark

Sarah Colbert

Hunter D'Abundo

Jessie Drew

Riccardo De Cataldo
& Kaitlyn Griffith

Julie Dixon

Edem Dzotefe

Kendall Fallon

Eugene Filik

Richard Gregory
& Kelly Knutson

Gabrielle Hayes

Michael Heslink

Christina Honeycutt

Josiah Howard

Samia Ladner

Lauren Mantikas

Jennifer Marshall

Mary Clare McGinn

Mollie McKinley

Maxwell Maurer

Erin Monahan

Mary Pruitt
& Taylor Daniel

James Rager

Melissa Savas

Jamie Schnuck

Hannah Shaheen

William Shaw

Hallie Stidham
& Jacob Brooks

Calla Telzrow

Maria Trujillo

Rebecca Ulrich

Maria Valverde

Alan Vasquez Soto

Hillary Wilson

Tyler Wilson

Nicole Wright

UNDERGRADUATE RESEARCH & CREATIVE WORKS



SOME PHOTOS COURTESY OF CHAD CHRISTIAN

Students Awarded Travel Grants

Michael Newton, David D. Naylor, Reza Moghtaderi, Nicholas Zayatz, and their mentor Mr. Roger Shore were allocated a grant to attend the Mid-Southeast Fall Conference, November 12-14 in Gatlinburg, TN. Michael presented his work on “AWS: The Good, The Bad, and The Broken”, David presented “Examining The Power of Reflection in Java to Exploit and Explore”, Nicholas presented his work on “From CSC to CEO, The Transition From Classroom Knowledge to Practical Programming”, and Reza presented “Runing a Tech Company with Only a Quarter in your Pocket!”

Rodrigo Catalan-Hurtado and mentor Dr. Dinene Crater were allocated a grant to attend the 2015 Annual Biomedical Research Conference for Minority Students in Seattle, Washington November 11-14. Rodrigo presented his work on “Analysis of the DNA Binding Characteristics of GerE from *Geobacillus Stearothermophilus*.”

Mandy Szymanski and mentor Dr. Matt Kuennen were allocated a grant to attend the Southeast American College of Sports Medicine Annual Meeting in Greenville, SC in February of 2016. Many will be presenting her work on “Repeated Mild Heat Stress Reduces Inflammatory Signals and Carbohydrate Metabolism Bias in C2C12 Myotubes.”

HPU Student Published In Biology Journal

Jamie Schnuck and mentor Dr. Roger Vaughan, collaborated with Mr. Nicholas Gannon (Medical College of Wisconsin), Dr. CM Mermier (Department of Health and Exercise Science at the University of New Mexico), and Dr. CA Conn (Department of Individual, Family, and Community Education: Nutrition, University of New Mexico) to research and write an article that was published in *Biochimie*, a journal that publishes original work in the broad field of biology. Their article is titled “trans-Cinnamaldehyde stimulates mitochondrial biogenesis through PGC-1 α and PPAR β/δ leading to enhanced GLUT4 expression.” and can be found in volume 119, published in December of 2015.

CONTACT US AND LIKE US ON FACEBOOK!

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Newsletter brought to you by Rebecca Irons