

Undergraduate Research & Creative Works



Undergraduate research is a student-faculty collaboration to examine, create, and share new knowledge or work commensurate with practices in the discipline.

In the News:

- A student of High Point University is published
- Laura May begins her research study
- The office of URCW offers workshops and other services to students and faculty
- URCW has a Facebook page!

The Mission

The mission of the Office of Undergraduate Research and Creative Works at High Point University is to engage students in scholarly,

inventive, and imaginative experiences that not only bring academics to life, but which also stimulate curiosity, promote the development of new

competencies, foster critical and creative thinking, and provide students with privileged opportunities to add to the sum of human knowledge.



Students attend a psychology conference in San Diego California from January 26-28

A Student of High Point University is Published

Catherine Hendricks is a senior of High Point University. She has been working on research since she was a sophomore, in both science and theology departments. While she studied abroad in Scotland during her junior year, she worked on an idea for theology. Her research is titled "Possible World Theory and Why it Matters". The

main focus was why evil exists and why the world is better with evil in it. She started this paper just for honors credit; she had no intention of showing it at a conference, and never believed that it would get published. When she completed her work, her advisor, Dr. Clint Corkrin, read it and encouraged her to present her work at a

conference. She attended the North Georgia Student Philosophy Conference where she read her essay in front of a panel of three judges and they had a discussion about her ideas. She left thinking that her research was finished. Then, this fall, she got a call. Her work was accepted for publication in the NGSPC proceedings!

Students take their independent projects to research conferences and performance competitions to share their work with professional communities. On April 13, 2012 Winthrop University will host the 5th Big South Undergraduate Research Symposium (BigSURS). Students will be presenting their research in oral and poster sessions on this date.



Laura May's Research Journey

Laura May is a sophomore at High Point University and is just beginning her own independent study. Laura's research reflects her interests in both music and non-profit. She was able to combine her interests and formulate an independent study. She plans to study how music influences non-profit fundraising.

She first brought her idea to her music professor Dr. Foster. He helped her get her plan into motion. Laura now has three advisers: Dr. Foster (music), Dr. Cugliari (non-profit), and Dr. Altman (URCW). They have been helping her define her research questions and methods.

She is currently in the process of completing the IRB form. IRB stands for *Institutional Review Board* and is a federally mandated committee that reviews, approves, and monitors all research that involves humans. An IRB Application must be submitted before any research with human subjects can be conducted. The board protects the rights and privacy of the participants. It also makes sure the research is ethical.

These are just the first few steps of Laura's journey. She has much more to do and there will be many more updates to come!

Did You Know?

You can find Research opportunities on our website?

Summer research experiences are available

Application and due dates are online

We have links to Grants and financial aid on our website?

There are different types of grants

There are different awarded amounts



Chaz Duffy, David Mikulay, and Professor Jay Putnam attended the *Irene Ryan Acting Competition* at the American College Theatre Festival

Undergraduate Student Fall Highlights

Ways to get involved in research and creative work NOW

- Check out the URCW website for opportunities (urcw.highpoint.edu)
- Enroll in courses that offer hands-on experience in types of research
 - Example: ISD 2255- Survey Research Center Practicum
- Volunteer to help a professor in his or her research (see our website for opportunities)
- Attend speaker presentations on campus
- Expand an exceptional class project into a student presentation or publication
- Join the student organization for undergraduate research and creative works being started now! Contact HPU student Laura at may10@highpoint.edu
- Attend the 1st Annual High Point University Research and Creativity Symposium!



Courtney Feiman and Justin Beard performing at a theatre conference



Students and professor who attended the American College Theatre Festival

Undergraduate Interdisciplinary Conferences (SPRING 2012)

National Conferences on Undergraduate Research (NCUR)

- Location: Weber State University, Ogden, Utah
- Date: March 29 - March 31, 2012
- Web: <http://www.weber.edu/ncur2012>

Big South Undergraduate Research Symposium (BigSURS)

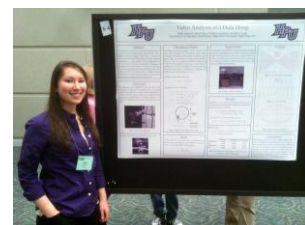
- Location: Winthrop University, Rock Hill, South Carolina
- Date: April 13-14, 2012
- Web: <http://www.winthrop.edu/bigsurs2012/>
- BigSURS will be hosted by High Point University (tentatively) April 5-6, 2013

High Point University Research and Creativity Symposium (High-PURCS)

- First annual showcase of undergraduate independent work sponsored by the Office of Undergraduate Research and Creative Works
- Date: April 25 (Reading Day) 10:00am – 12:00pm
- Submissions are due by March 16th
- Call for applications to submit is now open on the website: <http://urcw.highpoint.edu/HIGH-PURCS/>
- This is an IDS Event



Amanda Tindall, Kevin Sanders, and Nikki Sanford attended the Association of Physics Teachers (AAPT)



Nikki Sanford presenting her research at AAPT

Congratulations to these Grant Undergraduate Research and Creative Works Recipients

Solomon Benson	Nutrient Content of <i>Karenia Brevis</i> Cells As A Function Of Cell Density 6 th Symposium on Harmful Algae
Coleen Ehatt	Regional Differences in Sentencing Practices Southern Criminal Justice Association
Jessica Stark	Of All the Songs to Get Stuck in my Head, Why This One? Psychonomics
Kelsey Hunt Brandon Yannotti Lany Wenke	College Bowl Competition Annual Southeastern American College of Sports Medicine (SEACSM)
Christian Weigandt Thomas Langford	Using Bump Technology in an Economics Simulation Too ACM Mid-Southeast Regional Conference
Samantha Allen	Improving the Ranking System for the U.S. Census Bureau ACM Mid-Southeast Regional Conference
Jared Goldenberg Courtney Bedgood David Mikulay DeAnna Hughes Claire Denny Courtney Feiman Lauren Henkel*	Irene Ryan Acting Competition American College Theatre Festival <i>*Recognized as semifinalist at American College Theatre Festival</i>
Nikki Sanford	Video Analysis of a Hula-hoop Rotating About a Person's Arm American Association of Physics Teachers
Kevin Sanders	Computational Modeling and Video Analysis of a Place Kick in American Football American Association of Physics Teachers
Amanda Tindall	Use of a Simple Harmonic Oscillator Model to Analyze the Movement of Cilia in the Model Organism Paramecium American Association of Physics Teachers
Courtney Bedgood Breanna Bernard Carl Rugato Stephen Sargeant Matthew McKone Caitlin Margolien Lauren Pivrotto Courtney Ziegler	Technology Olympics United States Institute of Theatre Technology's

LIKE US ON FACEBOOK

You can find us on Facebook! Search for [High Point University Undergraduate Research and Creative Works](#) and you will find our page. Please "like" our page and share us with your fellow students! Help spread the word!

Student Opportunities

Workshops	Resource
<p>March</p> <ul style="list-style-type: none"> • How to Give Effective Presentations • How to Create Effective Posters <p>By Request</p> <ul style="list-style-type: none"> • Using Wiki's to stay organized in your research • Undergraduate Research and Creative Work: What & Why? 	<ul style="list-style-type: none"> • Check out the website • Invite URCW to talk to your student group • Get individual help preparing for a presentation • Join a community of student scholars to share experiences and common practices • Stop in the office (Phillips 115) for casual conversation

Faculty Opportunities

Workshops (11:45 am – 1:00pm) (revised schedule)	Resources
<ul style="list-style-type: none"> • Fostering Independence in Mentees (March 23; Postponed from March 2) <ul style="list-style-type: none"> ○ Strategies and opportunities • Diversity (April 19) <ul style="list-style-type: none"> ○ Recognizing the role of diversity in a mentoring relationship 	<ul style="list-style-type: none"> • Centralized database of student work [Remember to register your students at urcw.highpoint.edu] • URCW can come talk to your class when you will be away • CUR articles on library reserve under “Undergraduate Research” • Confidential consultations

URCW Vocabulary ... for information found on our website

Symposium

Today it is a synonym for “conference”- a place where research is presented. In ancient Greece, it meant “to drink together” and was depicted as a drinking party.

High-PURCS

Our first annual URCW conference held at High Point University. It will be a showcase of undergraduate independent work. It will be held on Wednesday April 25, 10:00am – 12:00pm.

IRB

The Institution Review Board is a committee that has been formally designated to monitor and review research intended to be performed on humans in order to secure participants privacy and rights.

1st Annual

ANNOUNCING THE FIRST

HIGH POINT UNIVERSITY

Research & Creativity

S Y M P O S I U M

April 25, 2012 (Reading Day)
10:00am - 12:00pm
Phillips Hall

Students from every school, major, and minor are invited to participate in our first university-wide, interdisciplinary Research and Creativity Symposium, which will become an annual event!

The call for submissions is now open.

Submission deadline is March 16. Students will be notified of the acceptance of their project by April 2.

Students can find the submission form and guidelines at the URCW website (urcw.highpoint.edu/HIGH-PURCS/).

Participation Guidelines:

Presentation formats include posters, oral presentations, readings, performances, and exhibited art or other displays.

Projects should be mentored, independent work that reflect originality and creativity in one's discipline and be quality work that went beyond a course assignment. If you have any questions about what is a suitable project to propose, please contact Dr. Joanne Altman, Director of Undergraduate Research and Creative Works at jaltman0@highpoint.edu or 841-9613.

Presentations should be no longer than 15 minutes.

Submission includes two abstracts/descriptions: a short 50-word (max) abstract that will be published in our program, and a longer 250-word (max) description for the review.

Projects must be approved by a faculty mentor. Students are instructed to complete the form and send it to their faculty mentor (not to submit it). Mentors will submit the form.



* IDS Event

For more information about High Point University's Undergraduate research and creative works program contact: **Dr. Joanne Altman**, Director: jaltman@highpoint.edu 336-841-9613