



HIGH POINT UNIVERSITY

SPOTLIGHT

FROM THE OFFICE OF UNDERGRADUATE RESEARCH AND CREATIVE WORKS

All About SNCURCS • Students to NCUR • URCW Updates

IN THIS ISSUE

Research Rookies of the Month

All About SNCURCS: Conference Review

HPU Students Headed to NCUR

Upcoming Events through URCW

CONTACT US



(336) 841 - 9613



urcw@highpoint.edu



hpu.urcw



hpu_urcw

HAPPY JANUARY!

It was a great January! This spring, the Office of Undergraduate Research and Creative Works (URCW) is working harder than ever to provide students with scholarly opportunities, novel tools, and helpful resources to ensure their success. There are a lot of upcoming opportunities!

RESEARCH ROOKIES OF THE MONTH



Emily Huitt and Caitlin McCray are our January Research Rookies of the Month! They have been working hard to complete the Research Rookies curriculum. Congratulations, Emily and Caitlin!

Our Mission: To bring together undergraduate students and faculty members for the purpose of creating unique and collaborative projects. By fostering an imaginative research experience, we hope to promote the development of new competencies, encourage critical thinking skills, inspire students to add to the global sum of human knowledge, and help students develop the skills to be competitive in the marketplace.

HPU STUDENTS ARE BACK FROM SNCURCS



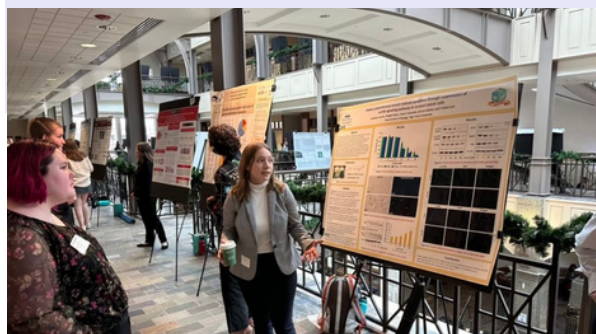
Pictured (from left to right): Raegan Koon, Alyvia Brainard, Taylor Galavotti, Darius Cummings, Lexie Young, and Jalen Dixon

On December 3, forty High Point University students headed to the State of North Carolina Undergraduate Research & Creativity Symposium (SNCURCS) at the University of North Carolina - Wilmington. Twenty of our students presented research they have conducted in the form of either an oral presentation or a poster. HPU had the 3rd largest contingent of students from any single university. HPU students presented research from a variety of different disciplines: chemistry, biology, pharmacy, and psychology. Sadie Flagg, a junior majoring in chemistry, gave



High Point University contingent at SNCURCS

an oral presentation on the creation of nonporous structures on PMMA films through spin-casting. She said, "it's been really interesting seeing some work from other universities." Ashley Cruz, a senior majoring in psychology, presented a poster at SNCURCS about the different types of anger (anger towards self vs. anger towards others) and their effect on pain tolerance. She said, "the wide variety and the creativity of everyone's research ideas and topics is really cool to see." Overall, SNCURCS was an excellent experience for both presenters and visiting students alike. The expansive nature of the disciplines present - from 17th century Japanese literature to biochemistry - offered new insight into the ever-expanding world of research. HPU students definitely learned a lot at SNCURCS.



Raegan Koon presenting research on cancer cell biology at SNCURCS

While the majority of the students who attended SNCURCS were presenting their research, some Research Rookies also attended the conference to fulfill their required curriculum to become a Research Apprentice. Paige Vercio, a Research Rookie sophomore majoring in computer science and criminal justice, said, "all of the different types of research here are so interesting!" This experience was one of a kind for the Research Rookies. If you're interested in the Research Rookies program, email Dr. Altman at jaltman0@highpoint.edu.

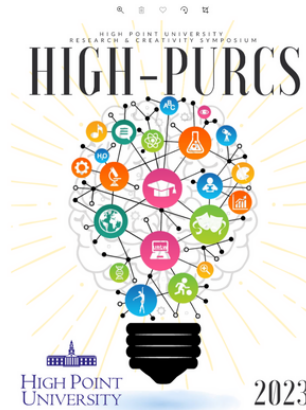
JANUARY 2023

UNDERGRADUATE RESEARCH OPPORTUNITIES

FEBRUARY

APRIL

JUNE - JULY



INTERESTED IN Interdisciplinary Research?

If you are currently involved in an interdisciplinary research project, you should apply for the SIRG grant. The winner of the grant is given up to \$1,000 to fund their novel research project. To apply, your work must be demonstrable across two disciplines with mentors from each discipline. The application is due February 15th and the winner will not only be able to present their work at High-PURCS, but they will also be acknowledged at the event.

WANT TO PRESENT AT High-PURCS?

High-PURCS is April 19, 2023! At this event, HPU students can present the research they have been working on either independently or as part of an innovative class project. High-PURCS will be held in the Nido R. Qubein Arena and Conference Center and will showcase oral presentations, posters, performances, and exhibits. The High-PURCS website is live now and abstracts are due March 17. We'd love to see your work!

JOIN US FOR SUMMER RESEARCH?

URCW offers three different summer research opportunities based on discipline of study. SuRPS is for students studying in Wanek School of Natural Science. SuRF is for students studying with the Congdon School of Health Sciences. SuRI invites student-mentor pairs with a project from all the other departments on campus. See the website for details. Applications are due March 1. All three of the programs begin in early June and end in late July.

Deadline: February 15th

Deadline: March 17th

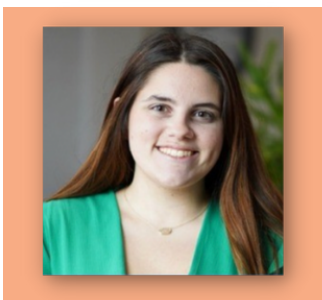
Deadline: March 1st

Visit the website URL below to find all applications.

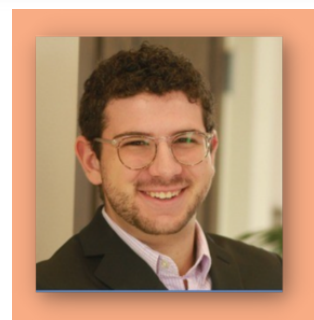
www.highpoint.edu/urcw/

HPU STUDENTS HEADED TO NCUR

The National Conference on Undergraduate Research (NCUR) is held at the University of Wisconsin-Eau Claire. NCUR is one of the largest undergraduate research conferences in the country. Congratulations to the four students from HPU that were accepted to the conference among 4,000 other students and graduate programs. The theme of NCUR 2023 is Research at the Confluence, which represents a "bringing together" of artistic fields and other disciplines.



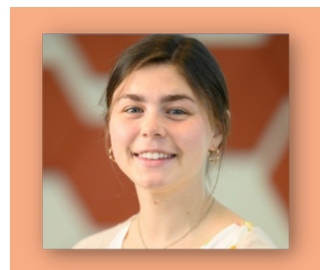
Jenna Mastropolo is a sophomore majoring in chemistry and physics. She is presenting research on the effect on substrate stiffness on bacterial biofilm growth. She is mentored by Dr. Briana Fiser and Dr. Jacob Brooks, professors of physics.



Noah Stillman is a senior majoring in biology and strategic communications. He is presenting research on children's STEM learning through digital media in informal contexts. He is mentored by Dr. Sarah Vaala, professor of strategic communication.



Lindsey Conway is a sophomore majoring in psychology and art history. She is presenting research on art history and museum curation. She is mentored by Dr. Emily Gerhold, professor of visual art and director of the Sechrest Gallery.



Jordan Morrison is a senior majoring in biology with a minor in education studies. She is presenting research on children's STEM learning through digital media in informal contexts. She is also mentored by Dr. Sarah Vaala, professor of strategic communication.

STUDENTS SUPPORTED THROUGH GRANTS AWARDED BY URCW

Accolades to....

COMMUNICATION

Maddie Stokes presented her research on the behavioral intent of wedding vendors to book same-sex weddings at the 28th Annual Graduate Education & Graduate Student Research Conference in Hospitality and Tourism in Anaheim, CA. She was mentored by Dr. Clark and Dr. Ritter, professors of event management and hospitality management, respectively. She said she, "was very excited and grateful to have the opportunity to travel and present my research at a graduate conference in California!"

MUSIC

Acapella singers, Hannah Tameling, Abigail Cheslock, Adriana Salazar, McIver Mann, Carly Zimmerman, Chelsea DeLapp, Sydney Ryan, Macy Peele, Joy Adjei, Mackenzie Warden, Reyna Alston, Skylar U'Glax, Carolyn Sveden, Eleanor Hutchinson, Brianna Viering, Sydney Wargo, Elizabeth Bado, Emily Janick, Emma Longboat, Justus Ullman, Kenzi Davey, Madeleine Rubino, Morgen Story, Zach Adams, Savannah Sparks, Trevor Ackerman, and Caroline Sykes, performed at the Disney Performing Arts Conference in Orlando, FL. These students were mentored by Dr. Burrows, director of vocal studies.

Coming up....

EXERCISE SCIENCE

Erin O'Donnell will present research on the benefits of ultra-marathon running at the American Heart Association Epidemiology, Lifestyle, and Cardiometabolic Health Conference in Boston, MA. This student is mentored by Dr. Colin Carriker, professor of exercise science.

PHARMACY

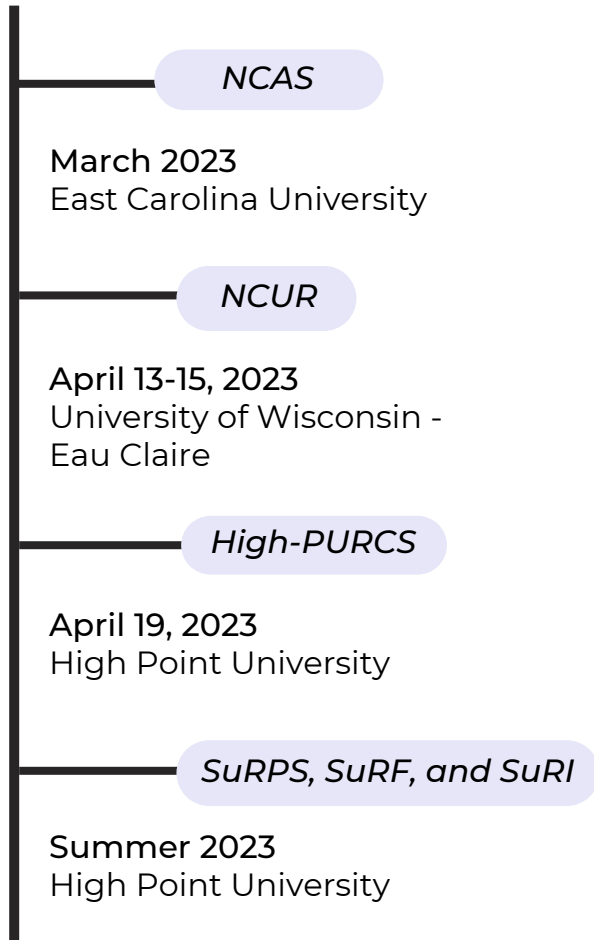
Payton Thomas and Miranda Gough will be presenting their research on the treatment of MRSA at the American Chemical Society Crossroads of Chemistry Conference in Indianapolis, IN. These students are mentored by Dr. Sarkar, professor of pharmaceutical sciences.

CHEMISTRY

Chemistry majors, Halie Balogh, Sophie Gregory, Angelina Pierre, Brandy-Fey Stratton, Grace Todd, Chloe Cox, Owee Kirpekar, James Faircloth, Emily Gillis, Jalen Dixon, Bailey Sobolewski, Rachel Spera, Lexie Young, Sadie Flagg, Brianna Viering, Gianna Digiaco, Zoe Brown, and Courtney Linden, will also be presenting research at the American Chemical Society Crossroads of Chemistry Conference in Indianapolis, IN. These students are mentored by Dr. Kean, Dr. Lundin, and Dr. Fogarty, professors of chemistry.

UPCOMING EVENTS THROUGH URCW

URCW SCHEDULE



ARE YOU COUNTED IN THE REGISTRY OF UNDERGRADUATE RESEARCH?

Are you counted in the graphic displayed here, which comes from the URCW Registry? It's important that we have records of students who are involved in projects to be able to share valuable information with you and to recognize you and your mentors. Visit highpoint.edu/urcw and click "Register URCW Activity". Congratulations to chemistry for leading the pack!

