

UNDERGRADUATE RESEARCH & CREATIVE WORKS

JANUARY

2017 NEWSLETTER

OUR MISSION

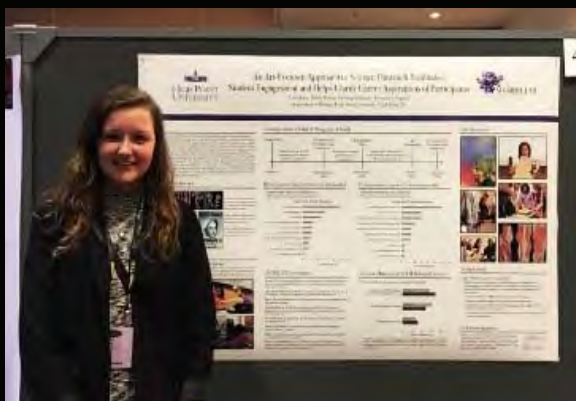
The mission of the Office of Undergraduate Research and Creative Works at High Point University is to engage undergraduates in student-faculty collaborations that reflect individual and unique scholarly and imaginative experiences which promote the development of new competencies and foster critical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

- 2 - SPRING OPPORTUNITIES & DEADLINES
- 3 - HOW TO GET INVOLVED
- 4 - MEET THE NEW RESEARCH APPRENTICES!
- 5 - TRAVEL GRANTS
- 6 - CONFERENCE REPORTS

NEW YEAR, NEW OPPORTUNITIES!

The Office of Undergraduate Research & Creative Works is excited to welcome you to a new year and semester. As you settle into the Spring semester, we are here to remind you of upcoming spring opportunities, deadlines, and conferences that will be here before you know it!

As a department, our goal is to inform you of students' past accomplishments and future opportunities available within the realms of collaborative research and creative works. We hope to share the success stories of students who have completed scholarly and creative work and to inspire students to enrich their own undergraduate experience.



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 HPU.URCW

WWW.HIGHPOINT.EDU/URCW

SPRING OPPORTUNITIES

DEADLINES TO KEEP IN MIND

NCAS ←

NORTH CAROLINA ACADEMY OF SCIENCE



WHEN: FRI/SAT MARCH 24-25, 2017

THEME: CROSSING BOUNDARIES: TRANSFORMING STEM RESEARCH

The North Carolina Academy of Science promotes public appreciation of science, science education, scientific research, and a meaningful role for science in public policy. If you would like to attend this conference, Online Registration is available through March 10, 2017. After that, registration will be available ON SITE ONLY on March 24, 2017. We welcome presentations of recent scientific research.

ABSTRACT SUBMISSION DEADLINE: WED. MARCH 1, 2017

CONFERENCE REGISTRATION DEADLINE: FRI. MARCH 10, 2017

SIRG ← (NEW)

SCHOLARLY INTERDISCIPLINARY RESEARCH GRANT

APPLICATIONS DUE: SAT. APRIL 1, 2017

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 20, 2017. Funds will be made available for use summer 2017 or the 2017-2018 academic year.

THE CALL FOR ABSTRACTS IS OPEN!

HIGH-PURCS ←



HIGH POINT UNIVERSITY RESEARCH & CREATIVITY SYMPOSIUM

WHEN: THURS. APRIL 20, 2017

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 and be quality products that went beyond a course assignment.

ABSTRACT SUBMISSION DEADLINE: WED. MARCH 15, 2017

THE CALL FOR ABSTRACTS IS OPEN!

JANUARY

NCAS CALL FOR ABSTRACTS OPEN

HIGH-PURCS CALL FOR ABSTRACTS OPEN

SUMMER RESEARCH APPLICATIONS OPEN

FEBRUARY

24 SURPS APPLICATIONS DUE

MARCH

1 NCAS ABSTRACTS DUE

SURF & SURI PROGRAMS APPLICATION DEADLINE

10 NCAS REGISTRATION DEADLINE

15 HIGH-PURCS SUBMISSIONS DUE

24-25 NCAS

APRIL

1 SIRG GRANT APPLICATIONS DUE

20 HIGH-PURCS

VISIT

WWW.HIGHPOINT.EDU/URCW
FOR MORE INFORMATION ON
UPCOMING OPPORTUNITIES

GET INVOLVED! HERE'S HOW TO GET STARTED

1 RESEARCH ROOKIES FRESHMEN CAN STILL ENROLL!



The High Point University **Research Rookies** Program works to incorporate students into the university's culture of research and creative work early in their undergraduate careers. The program is designed to create a community of undergraduate scholars and help build research-related skills to prepare students for faculty collaborative scholarship that makes an original contribution to one's field.

Freshmen who wish to participate in the Research Rookies Program have two consecutive semesters (not including summer) to complete a series of 15 activities and one mini-research project. The activities include online assignments, workshops, and discussions. Completing this program shows students' commitment to research, which will give them an edge later in job interviews or application 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.

2 SCHOLAR BRIDGE



Want to search for participating faculty members and research opportunities? 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. From lemurs to NASA, find out what research and creative works flourish at High Point University.

3 SUMMER RESEARCH PROGRAMS



SURI- The Summer Research Institute (SuRI). SuRI is open to undergraduates in all disciplines. Students sign up with a faculty mentor with whom they wish to work with on a project of their choosing. **(Applications due Mar. 1)**

SURPS- The Summer Research Program in the Sciences (SuRPS). SuRPS is a competitive program for 26 research assistant positions with faculty in biology, chemistry, or physics. **(Applications due Feb. 24)**

SURF- The Congdon School of Health Sciences – Summer Research Fellowship (SuRF) is a competitive program for 10 research assistant positions with faculty in the Health Sciences. SuRF provides motivated students with opportunities to work closely with faculty 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 symposium. **(Applications due Mar. 1)**

4 TAKE PRE-ASSESSMENT & FILL OUT ACTIVITY REGISTRY



Go to the HPU URCW page at www.highpoint.edu/urcw.

Once you have a faculty mentor and project, register your project by taking the brief "URCW Registry Survey". Take the "Pre Project Assessment" survey about your skill sets and experience with research or creative works at the start of your project. Complete this form only after you registered your project.

CONGRATULATIONS,

RESEARCH APPRENTICES

Congratulations to the newest Research Apprentices! These students have successfully completed the Research Rookies program and will be recognized at High-PURCS on April 20th.



SARAH POIANI

Sarah is a Math major with a Physics minor, and does not yet have plans for further research.



NICOLE MERRY

Nicole is a Biology major on the Pre-Vet track. She is starting a research project on South African Penguins and their behavior & social interactions in captivity.



RACHEL NOONAN

Rachel is a Biology major on the Pre-PA track and does not yet have plans for future research.



MOLLY PENTON

Molly is a Biology major with an emphasis on health sciences. She currently has no future research plans, but looks forward to getting involved with research in the biological sciences.



MELISSA MARTINS

Melissa is an Elementary Education major with a Special Education minor and does not yet have plans for future research.



KAYLEE CAMPBELL

Kaylee is a Chemistry major and is doing research with Dr. Lundin.

THESE STUDENTS HAVE COMPLETED THE RESEARCH ROOKIES PROGRAM AND WILL RECEIVE A CERTIFICATE ELEVATING THEM TO THE STATUS OF RESEARCH APPRENTICE AS WELL AS A MEDALLION THAT CAN BE WORN AT GRADUATION.

TRAVEL GRANTS

Congratulations to the following students who were allocated grants to attend and present their research at conferences around the US!

CHEMISTRY

Jonah Winkler and mentor Dr. Todd Knippenberg were allocated a grant to attend the 253rd National Meeting of the American Chemical Society in San Francisco, California from April 2-6, 2017.

Jennifer Marshall, Emma James Barksdale, Olivia Tornow, Jason Barbaretta, and mentor Dr. Andrew Wommack were allocated a grant to attend the 253rd National Meeting of the American Chemical Society in San Francisco, California from April 2-6, 2017.

Amanda Goodwin, mentored by Dr. Heather Miller, was allocated a grant to attend the American Chemical Society National Convention in San Francisco, California from April 2-6, 2017.

PHYSICS

Brandon Incoe, Zackary Hutchens, Amiras Simeonides, and mentor Dr. Aaron Titus were allocated a grant to attend the 2017 Winter Meeting of the American Association of Physics Teachers in Atlanta, Georgia from February 18-21, 2017.

EXERCISE SCIENCE

Lacey Gould, Michele Johnson, Jamie Schnuck, and mentor Dr. Roger Vaughan were allocated a grant to attend the Southeast ACSM conference in Greenville, South Carolina from February 16-18, 2017.

Mandy Szymanski, Meghan Patton, Ally Hamilton, and mentor Dr. Matthew Kuennen were allocated a grant to attend the Southeast ACSM in Greenville, SC from February 16-18, 2017.

Bajon Aaitnite, Allie Zambito, Hailey Parry, and mentors Dr. Kimberly Reich and Dr. Colin Carriker were allocated a grant to attend the Southeast ACSM Academic Quiz Bowl Competition in Greenville, South Carolina from February 16-18, 2017.

THEATER & DANCE

Victoria Dixon, Emily Burke, Olivia Leenhouts, Virginia Treu, Matthew Hoffman, Jared Lindsay, Robert Kratz, Jacob Burgin, Alejandro Fundora, Preston Cox, and mentor Gay Hensley were allocated a grant to attend the US Institute for Theater Technology's Annual Conference in St. Louis, Missouri from March 8-11, 2017.

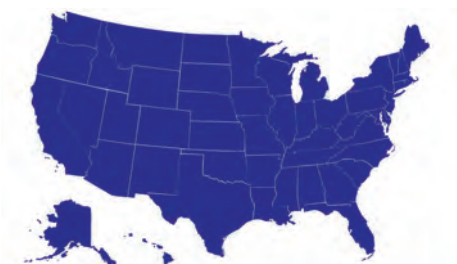
Sara Drinkwater, mentored by Lindsey Howie, was allocated a grant to support her project.

ANTHROPOLOGY

Natalie Ward and mentor Dr. Chelsea Wentworth were allocated a grant to attend the Association of Social Anthropology in Oceania conference in Kaua'i, Hawaii from February 7-12, 2017.

COMMUNICATIONS

Tori Cotnoir and mentor Dr. Virginia McDermott were allocated a grant to attend the Eastern States Communication Association in Boston, Massachusetts on March 31, 2017.



BIOLOGY

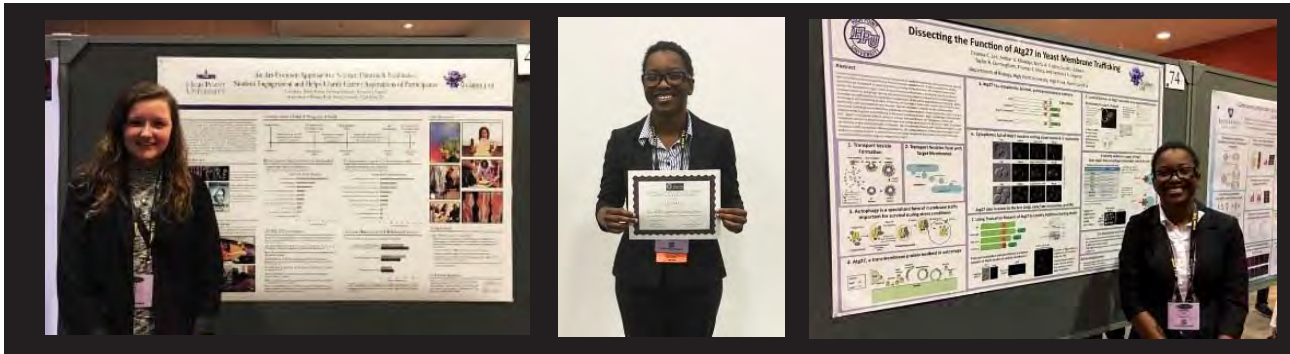
Aakash Nawaz, mentored by Dr. Veronica Segarra, was allocated a grant to attend the 2017 Annual Meeting of the Association of Southeastern Biologists in Montgomery, Alabama from March 29-April 1, 2017.

CONFERENCE REPORTS: HOW DID THEY GO?

AMERICAN SOCIETY FOR CELL BIOLOGY

SAN FRANCISCO, CA. DEC. 2-8, 2016

Dr. Veronica Segarra and research assistants **Deanna Lee** and **Casey Garr** attended the 2016 ASCM Annual Meeting as members of the Segarra Lab in the Department of Biology at HPU. Both Deanna and Casey presented posters and received great feedback and compliments on their work. It was the first time these students attended an international scientific conference and they had the opportunity to interact closely with scientists engaged in similar research. Deanna won an award for her outstanding research poster presentation!



EUKARYOTIC PATHOGENS INNOVATION CENTER

CLEMSON UNIVERSITY, NOV. 17-19, 2016

Elizabeth Reardon (mentored by **Dr. Patrick Vigueira**) attended the Eukaryotic Pathogens Innovation Center (EPIC) conference, recently held at Clemson University. Reardon presented her research poster on a eukaryotic organism and says she learned a great deal from other presentations, made several potential connections for graduate school, and received a lot of feedback from other undergraduates, graduate students, post docs, and PhDs on her research.

QUADRENNIAL PHYSICS CONGRESS (PHYSCON)

SAN FRANCISCO, CA. NOV. 2-6, 2016

Dr. Martin DeWitt and **Dr. Brad Barlow** accompanied 19 physics students to the conference in San Francisco, CA. Eleven HPU students presented their research posters at the conference. HPU Physics majors, **Matt Iczkowski** and **Simeon Simeonides**, were among 20 students who won best poster awards. The conference was an excellent opportunity for students to network with other physics undergraduates, physics professors, and graduate school representatives.

CONTACT & FOLLOW US!

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NEWSLETTER BROUGHT TO YOU BY MARA WEDEKIND