

UNDERGRADUATE RESEARCH & CREATIVE WORKS

January 2019

The Office of Undergraduate Research and Creative Works is excited 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.

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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 and provide students with privileged opportunities to add to the sum of human knowledge.

Welcome Back!

The Office of Undergraduate Research & Creative Works is excited to welcome faculty and staff to another semester at HPU. This year will be full of opportunities for research and growth. We look forward to keeping you updated and involved in these academic experiences.

Here's to a great start to 2019!



RESEARCH APPRENTICES

Meet our new research apprentices!

Camarie Schmidt, Madison Gotro, and Valerie Olzer were each recently awarded the status of Research Apprentice for completing the Research Rookie program. Here's what they had to say about their experiences!



"Research Rookies exposed me to resources and events I wouldn't have otherwise known about, as well as further my understanding of what goes into conducting research."

-Camarie Schmidt

"I really enjoyed this program because it helped me gain the knowledge I will need for future research both in school and in my career. It was also interesting to be able to learn about a broad range of research rather than just learning about research in my field of study."

-Madison Gotro



"My favorite part of the experience was knowing that throughout the research program I was gaining knowledge that I could use to help advance science and make people's lives better. I think everyone should take part in an experience like this one."

-Valerie Olzer



SPRING SEMESTER OPPORTUNITIES

Calling all Freshmen!

*If you want to someday be a Research Apprentice, you are in luck!
Research Rookies is still accepting freshmen for its program.*



This program is for students looking to join the diverse community of researchers and creative thinkers at HPU early in their undergraduate careers. Participants have two consecutive semesters to complete a variety of activities. Completing this

program earns the title of Research Apprentice and shows that students are committed to independent work which will help them get started working with faculty mentors.

HOW TO GET INVOLVED: Freshmen who wish to apply to the Research Rookies Program should contact Dr. Joanne Altman, Director of Undergraduate Research and Creative Works: jaltman0@highpoint.edu

HIGH-PURCS

HPU undergraduate students from all disciplines are invited to participate in HPU's 7th annual Research and Creativity Symposium (High-PURCS) on April 16th! 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.

Abstracts are due March 20th



SUMMER RESEARCH

Consider spending your 2019 summer doing summer research here at High Point University! HPU is hosting two programs this year. The Congdon School of Health Science SuRF (Summer Research Fellowship) program is for health science undergraduate students. SuRI (Summer Research Institute) is available to students in any major. Most apply to SuRI with projects in mind, but a few professors are looking for students to assist in specific projects. Check out our website for a list of projects that will be posted on February 1st.

Applications due March 1st



For more information:

Website:

www.highpoint.edu/urcw/summer-research-opportunities-at-hpu/

Facebook:

<https://www.facebook.com/HPU.URCW>

Grants

URCW awards grants to students and mentors to present work at disciplinary conferences.

COMPLETED CONFERENCES:

On January 3rd, Joshua Allen traveled to Tampa, Florida to present his exercise science research at the Society of Integrative & Comparative Biology Annual Meeting to share his exercise science research under the mentorship of Dr. Jillian Davis.

From January 12th to 15th, Michael Winter and his mentor Aaron Titus traveled to Houston Texas for the 2019 Winter Meeting of the American Association of Physics Teachers to present their physics research.

***Congratulations
on a job well done!***

**Michael Winter presenting
his presentation "Corpus
Callosum: The Advantages
of Art and Science
Superposition"**



UPCOMING CONFERENCE EXPERIENCES:

In March, Ha'Leigh Wardem, Ranjya Shakir, Brandon Meade, and Skylar Altimari will travel to Baltimore, Maryland to present research at the Academy of Criminal Justice Sciences 56th Annual Meeting under the mentorship of Dr. Jessica Swanson.

In April, Harrison Seltz and Sarah Jessica Forte will travel to Memphis, Tennessee to share their biology research at the Association of Southeastern Biologists under the mentorship of Dr. Nicole Hughes.

We wish you all luck!

URCW also awards grants to support the research endeavors of deserving students and their mentors.

Molly Hulver has been awarded support grant funding to analyze the role of Tat-SF1 in HIV-1 RNA export and stability under the mentorship of Dr. Heather Miller. We look forward to the insights her research will bring to the biology community.

If having your research funded like this sounds interesting to you, consider the following grant opportunity:

SIRG
Scholarly Interdisciplinary Research Grant

Applications are now being accepted for the Scholarly Interdisciplinary Research Grant! The award is up to \$1000 and can be used for research or creative works supplies and/or travel for fieldwork. Those projects that best articulate the interdisciplinary nature of the work will be given preference.

Applications are due April 1st

The recipient will be awarded this grant at High-PURCS. Funds will be made available for use starting in June of the same year and throughout the next academic year.

For more information, visit: www.highpoint.edu/urcw/hpu-grants/sirg-grant-info/

Mentorship

Mentorship matters to us at High Point University! On January 17th, we celebrated **International Mentoring Day**. Mentorship is central to developing students' academic potential.

Junior Anika Weisbrod shares her gratitude for her research mentor:

"I've been working with Dr. Ford in the biomechanics lab throughout the year and this past summer. Even though research can take time and can be hard sometimes, he and the other professors in the lab have shown me that it is fun working with a research group on a professional level working, towards the same goal."



"To be a great person you must walk hand in hand and side by side with great people."
-Dr. Nido R. Qubein

STUDENT HIGHLIGHT

Natalie Ortolani



Congratulations to Natalie Ortolani on receiving the NIAF Italian American Leadership Council (IALC) Fellowship! She was selected by the Program Manager of Scholarships, Grants and Youth Engagement to attend an all-expense paid seminar to the National Italian American Foundation Headquarters in Washington, DC.

"Winning the NIAF Italian American Leadership Council (IALC) Fellow Program was truly a rewarding accomplishment for me. During the weekend, I engaged in discussions with students on how to preserve, promote and protect the Italian American Heritage across college campuses. Given that I am a current Italian Studies minor, and because of my motivation to promote the culture, I felt honored to represent High Point University at such a prestigious event".

"My faculty advisor, who was also my professor, Dr. Gurney, aided me in winning this fellowship. In class and out of class, I always strived to learn as much as I could. I would endless spend hours studying Italian, and I enjoyed it! Because of her and other professors, I have been introduced to numerous opportunities. Currently, a student and I are in the process of starting an Italian Club, and of course, Dr. Gurney has been assisting us along the way. Needless to say, Dr. Gurney has been a tremendous help in furthering my pursuit in Italian Studies." – Natalie Ortolani



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FACEBOOK PAGE: [HPU.URCW](https://www.facebook.com/HPU.URCW)

This newsletter was brought to you by Keaton Case '19.