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NEWSLETTER

September
2021

Chemistry and Physics Department, Oxendine Science Building – Room 3101, Pembroke, NC 28372
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Announcing a new PURC Scholarship Opportunity:

The Dr. Timothy M. Ritter and Marie A. Amero Endowed Research Scholarship



Timothy M. Ritter, Ph.D.
Professor Emeritus

Dr. Timothy Ritter served as a physics professor at UNC Pembroke for 21 years. He held numerous leadership roles in support of the sciences at UNCP, including Director of the Pembroke Undergraduate Research and Creativity (PURC) Center and Director of the NC Region IV Science & Engineering Fair. Dr. Ritter has established this endowed research scholarship in support of undergraduate research at UNC Pembroke.

Each year, an award (maximum \$3,000) shall be provided to one undergraduate student performing research in Chemistry, Physics, or Science Education Grades 9-12 (Biology, Chemistry, Earth Science, and Physics) through the Pembroke Undergraduate Research and Creativity (PURC) Center. The student shall have a minimum QPA of 2.5. The PURC Council shall select the student.

A student may receive this award no more than twice.

The student shall have a faculty advisor, who will approve the research project and expenses.

Approved expenses are costs directly associated with research, including supplies, equipment, and travel (no student stipend allowed). A maximum of one-half of the total annual award may be used for conference expenses if the student is presenting at the conference. A maximum of one-sixth of the total annual award can be used if the student is attending the conference (without presenting).

Recipients must present their findings, at either the annual PURC Symposium or a similar conference. If a student does not complete a presentation, they are not eligible for a second award.

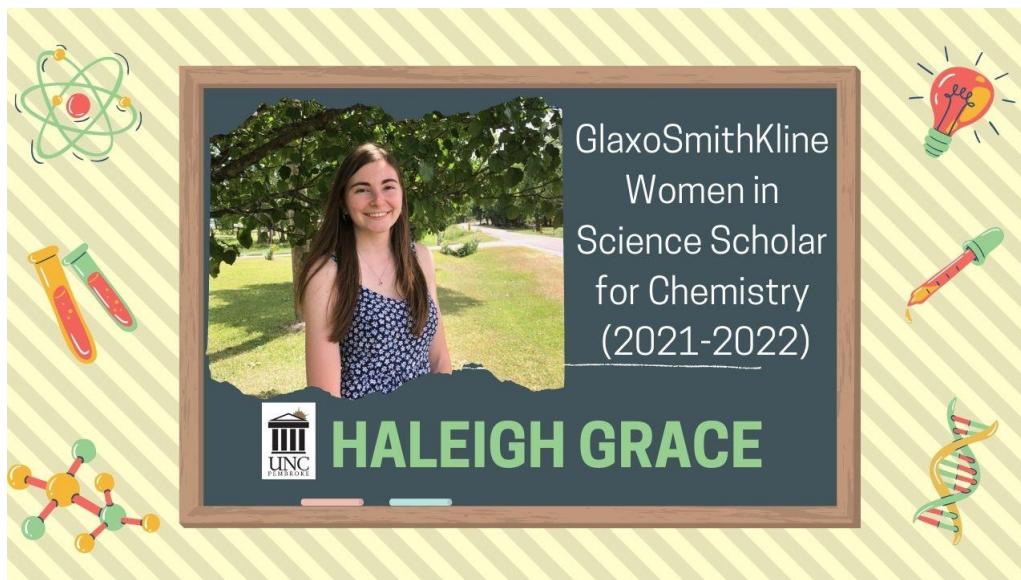
TO APPLY: please follow this link to the PURC website and follow the instructions as posted.

Deadline: September 30, 2021. Applicants will notified of review results by October 15, 2021.

The PURC Council encourages your applications and looks forward to the review and awarding of the scholarship.

Thank you, Dr. Ritter, for this research scholarship for the students.

Glaxo Scholar for Chemistry

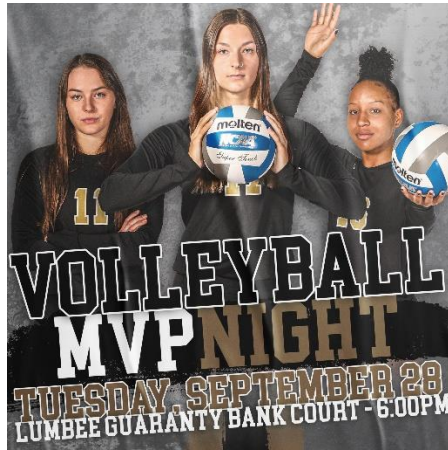


Congratulations, Ms. Haleigh Grace. Haleigh Grace was selected as the recipient of the GlaxoSmithKline Women in Science Scholarship for Chemistry. In addition to a scholarship, this opportunity provides Haleigh with a science mentor from GSK who will provide insight and career guidance. Additionally, Haleigh will benefit from the annual fall and spring meetings where she will learn more about GSK initiatives and network with other women in science. The scholar's program has important benefits, including a scholarship administered by the University's financial aid and the opportunity to apply for a summer internship with Glaxo. This scholarship is valuable for career and professional development.

Congratulations. It is a remarkable achievement in your life. We hope you will benefit from this wonderful opportunity! We wish you all the success in your endeavors. It is good to see that you are working hard with Dr. Meredith Storms.

We appreciate you, Dr. Storms, as always for all you do for our students.

“Most Valuable Professors” Night at UNCP Volleyball



Sivanadane Mandjiny, Ph.D.
Professor and Chair

Congratulations, Dr. Mandjiny.

Dr. Mandjiny was voted as one of the most valuable professors and will be honor at the UNCP Volleyball game on September 28, 2021. Thank you, Brianna Warren, for the recognition. We appreciate you, Dr. Mandjiny, for all you do for Brianna and the rest of our UNCP athletes. Your hard work and dedication does not go unnoticed.



The department members sends their condolences to Mrs. Carolyn Oxendine and her family for the passing of her brother-in-law, Donald Andrews, on September 17, 2021.

UNCP Rocket Team



On Friday, 1 October 2021, the UNCP Rocket team safely conducted the first launches of the season, sending four different rockets up on seven different flights. Team members: Summer Agudelo, Eric Schwartz, Chynna Eubanks, Alexis Velarde and Cortland Chantel successfully completed the launches and recorded flight data to match predicted performance to actual performance.

On Friday, 9 October 2021, Team captain, Summer Agudelo, and team member, Alexis Velarde, along with team advisor, Dr. Steven Singletary, will travel to Kenosha, Wisconsin to attend a NASA sponsored, level 1 certification course at Carthage University in preparation for the First Nations Launch Competition in April 2022.

Thank you, Michael Bullard - Environmental, Health, and Safety Officer, and Travis Bryant - Associate Vice Chancellor for Campus Safety and Emergency Operations, for the use of the safety area to launch the rockets.

Chemistry Minor



Dr. Paul Flowers has initiated the proposal of creating a Chemistry Minor for the department. The modified proposal has begun the approval process.

Chemistry and Physics Website



Dr. Mark McClure has revamped the Chemistry and Physics website. There are still more modifications in process.

Student News

David Green: "I wanted to let you all know how thankful I am for your mentorship and that I finally secured a career in my field. I am working in a R&D lab creating production solutions for new and early stage active pharmaceutical ingredients. Most of my work relies heavily on organic chemistry, taking the product from conceptual paper chemistry to production level cGMP. So far, it has been great and I have so much more to learn".

David Green

Scientist I, Process R&D

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