UNCP Rocket Team  “First Nations Launch Results”
Dr. Steven Singletery and the Rocket Team traveled to Wisconsin for rocket launch competition April 21 – 22, 2022. The team did their presentations to the judges. They were quizzed by the judges on the construction of their rocket, how the altimeter works, how the parachute will get deployed and on total safety procedures. Special “thanks” to Dr. Singletery for his achievement in sending our UNCP’s rocket in the outer orbit. Hope our adventure continues forever and we are so proud of both the faculty and the students. **Congratulations Team!**

Dr. Singletery, Clinical Asst. Professor, and his team won 3rd prize in the competition.

The team is bringing home the following hardware...

In the Mars engineering category (the highest level):
3rd place for oral presentation
3rd place overall with a $1,000 prize

Overall competition (chosen from all teams competing):
Altitude award - team closest in altitude to predicted (they were off by 12 m!) Trophy pic attached along with a few others.

The judges told the team “this year was a true competition. The top spots were separated by just a point”.

**Congratulations**, Dr. Singletery, for a job well done. **Congratulations** to your team also.
Gamma Sigma Epsilon Chemistry Honor Society
Inducts New Members at UNCP

The Gamma Sigma Epsilon Chemistry Honor Society recently inducted new members at UNC Pembroke.

The students for 2022 are Jameson Trey McDonald, Julianna Chapman, Jaliah Singleton, Zakary Clutter, Melissa Sutton, Amber Hunt Holmes, Carson Powell, and Gabrielle Bazemore.

Congratulations to each of you.

Since April 2004, this marks the 19th year of the Gamma Sigma Epsilon Chemistry Honor Society at UNCP with a total of 136 students. Gamma Sigma Epsilon is a national chemistry honor society founded in 1919 at Davidson College. The original fraternity was established to promote academic excellence and undergraduate research scholarship in chemistry. In 1921, the fraternity became co-ed and transformed into an honor society. Today, there are more than 70 active chapters across the country.

Thank you, Dr. Storms, for the preparation of this special event for the department and our students. Thank you, Dr. Meredith Storms and Mrs. Felicia Scott, for your inspiration to our students.
CARSON Powell
Alpha Zeta Chapter at UNC Pembroke
Gamma Sigma Epsilon
Chemistry Honor Society
Spring 2022

Following graduation, Carson plans to attend the UNC Hospitals School of Nuclear Medicine Technology and Molecular Imaging Radiology to become a nuclear medicine technician.

Gamma Sigma Epsilon
Chemistry Honor Society
Alpha Zeta Chapter at UNC Pembroke

MELISSA CREECH-SUTTON
Inducted April 2022
**Academic Awards Day**

The 2022 Chemistry and Physics Academic Awards Day Program was held April 27, 2022 in room SCI 3256. The department had 16 winning students for awards.

**This year’s recipients are:**

Kathryn Durden

American Institute of Chemists Outstanding Senior Award

Samantha Cranford

Professional Promise Award

Jennifer Valladarez Castrejon

Continuing in Chemistry Award

Virginia Lee Collins

ACS Sponsored Award in Analytical Chemistry

Allee M. Trombley

ACS Sponsored Award in Inorganic Chemistry

Minh Huy Giang

ACS Sponsored Award in Organic Chemistry

Ashton M. Tillet

ACS Sponsored Award in Organic Chemistry

Minh Huy Giang

ACS Physical Chemistry Undergraduate Award

Reece E. Hicks

CRC Freshman Chemistry Award

Haleigh M. Grace

Undergraduate Research Award in Chemistry

Terry Velana Chavez

Undergraduate Research Award in Physics

Caleb W. Locklear

Outstanding Pre-Engineering Student Award

Shaun F. Schrubbe

Einstein Achievement Award in Physics

Billy Ray M. Pait

“3+2” Student Award

Haleigh M. Grace

Sonntag Award for Gamma Sigma Epsilon Chemistry Honor Society

Kathryn Durden

Outstanding Department Assistant

Congratulations, students, on your recognition and award!
The American Institute of Chemists Outstanding Senior Award is presented to

KATHRYN DURDEN

by the UNCP Department of Chemistry and Physics

Spring 2022
Continuing in Chemistry Award

Jennifer Valladarez-Castrejon

UNCP Chemistry and Physics
Spring 2022
AMERICAN CHEMICAL SOCIETY

Organic Chemistry Award

Spring 2022

Ashton Tillett

UNCP Department of Chemistry and Physics
MINH HUY GIANG

UNCP Department of Chemistry and Physics

AMERICAN CHEMICAL SOCIETY AWARD
IN ORGANIC CHEMISTRY
AND PHYSICAL CHEMISTRY

Spring 2022
SONNTAG AWARD
Sponsored by Gamma Sigma Epsilon Chemistry Honor Society

HALEIGH GRACE
UNCP Chemistry and Physics
Spring 2022
Shaun Schrubbe
Einstein Achievement in Physics Award

UNCP CHEMISTRY & PHYSICS
Spring 2022
Outstanding Pre-Engineering Student Award

Caleb Locklear
SPRING 2022
UNC Pembroke Department of Chemistry and Physics
On behalf of the department, Dr. Mandjiny would like to thank the following faculty and staff members for the execution of the departmental awards day ceremony. It went extremely well.

1. Dr. Meredith Storms took complete initiative and work countless hours to get all the awards together which includes working with all the faculty and staff members, students, and their family members. Meredith, thank you for making this ceremony happen with a great success and all you do for this department. You are greatly appreciated.

2. Mrs. Hope Bullock worked very closely with Meredith to make everything happen. Faculty and students love it.

3. Thank you, Dr. Joanna Hershey, for taking your time to come to this occasion and talking to our students with kind words and inspire them.

4. Thank you, Dr. Mark McClure, for taking nice pictures of the whole event.

5. Mrs. Carolyn Oxendine and Mrs. Hope Bullock worked together in organizing a nice party. The ice cream sundae bar with all the toppings was great. Thank you! Job well done.

Dr. Mandjiny stated “It was so nice to see everyone together with the students on this great “Departmental Award Ceremony” occasion. I am highly impressed to see that you gave the awards to your students with enthusiasm and with a great smile. It was so nice to see that. The department is so proud of you all to work with them for preparing them for their future and for their success”.
2021-2022 UNCP Full-Time Faculty Teaching Award

On behalf of the Faculty Awards Committee, Dr. Meredith Storms was selected as a recipient of the 2021-2022 UNCP Full-Time Faculty Teaching Award. She will be recognized and receive her award at the Faculty Appreciation Dinner on May 5. Congratulations on receiving this recognition for outstanding teaching! Your service to UNC Pembroke is greatly appreciated.

Student News

Dana Lamberton (BS in Applied Physics 2019): Dana is our first 3+2 dual degree student. After receiving her BS in applied physics (UNCP), she completed the BS in mechanical engineering (NCSU) in the spring of 2021. Dana began her new job as a Manufacturing Engineer at PCB Piezotronics in Halifax, NC in February of 2022. She is enjoying her time there and see how she will use the skills she learned from her teachers at UNCP. She is especially drawing from the hands-on electronics and the technical writing skills she learned through the labs and undergraduate research in which she was involved. Thanks to all her teachers and mentors from UNCP, you all allowed her to develop the skills she can expand upon as she continues to build her career.
Way to go Dana!