

## UNCP Rocket Team “First Nations Launch Results”

Dr. Steven Singletary 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. Singletary 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. Singletary, Clinical Asst. Professor, and his team won 3<sup>rd</sup> prize in the competition.

The team is bringing home the following hardware...

In the Mars engineering category (the highest level):  
3<sup>rd</sup> place for oral presentation  
3<sup>rd</sup> 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. Singletary, 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

UNC Department of Chemistry and Physics

## 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:

|                                      |   |
|--------------------------------------|---|
| <b>Kathryn Durden</b>                | American Institute of Chemists Outstanding Senior Award       |
| <b>Samantha Cranford</b>             | Professional Promise Award                                    |
| <b>Jennifer Valladarez Castrejon</b> | Continuing in Chemistry Award                                 |
| <b>Virginia Lee Collins</b>          | ACS Sponsored Award in Analytical Chemistry                   |
| <b>Ailee M. Trombley</b>             | ACS Sponsored Award in Inorganic Chemistry                    |
| <b>Minh Huy Giang</b>                | ACS Sponsored Award in Organic Chemistry                      |
| <b>Ashton M. Tillett</b>             | ACS Sponsored Award in Organic Chemistry                      |
| <b>Minh Huy Giang</b>                | ACS Physical Chemistry Undergraduate Award                    |
| <b>Reece E. Hicks</b>                | CRC Freshman Chemistry Award                                  |
| <b>Haleigh M. Grace</b>              | Undergraduate Research Award in Chemistry                     |
| <b>Terry Velana Chavez</b>           | Undergraduate Research Award in Physics                       |
| <b>Caleb W. Locklear</b>             | Outstanding Pre-Engineering Student Award                     |
| <b>Shaun F. Schrubbe</b>             | Einstein Achievement Award in Physics                         |
| <b>Billy Ray M. Pait</b>             | "3+2" Student Award   |
| <b>Haleigh M. Grace</b>              | Sonntag Award for Gamma Sigma Epsilon Chemistry Honor Society |
| <b>Kathryn Durden</b>                | 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







A graphic for the CRC Freshman Chemistry Award. It features a yellow background with a black and white checkered border. On the left is a small photo of the award recipient, Reece Hicks, sitting on a bench. The text on the right reads: "CRC Freshman Chemistry Award", "Presented by the Department of Chemistry and Physics", and "REECE HICKS University of North Carolina at Pembroke". A circular seal in the bottom right corner says "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





*Haleigh Grace*



**Undergraduate  
Research in  
Chemistry Award**

— — — — —  
Spring 2022

UNCP Department of Chemistry and Physics



**SONNTAG AWARD**  
*Sponsored by Gamma Sigma Epsilon Chemistry Honor Society*

**HALEIGH GRACE**

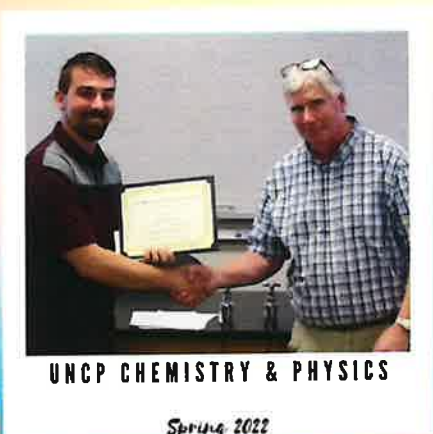
*UNCP Chemistry and Physics  
Spring 2022*





# Shaun Schrubbe

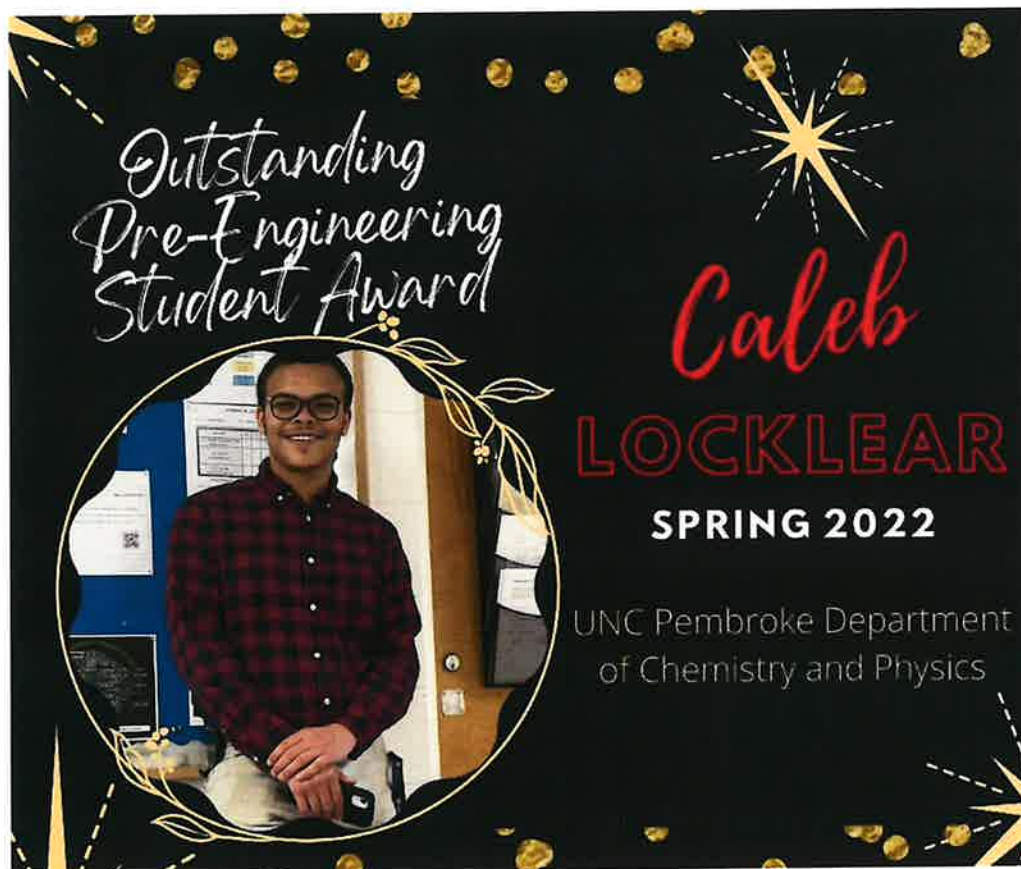
Einstein Achievement  
in Physics Award



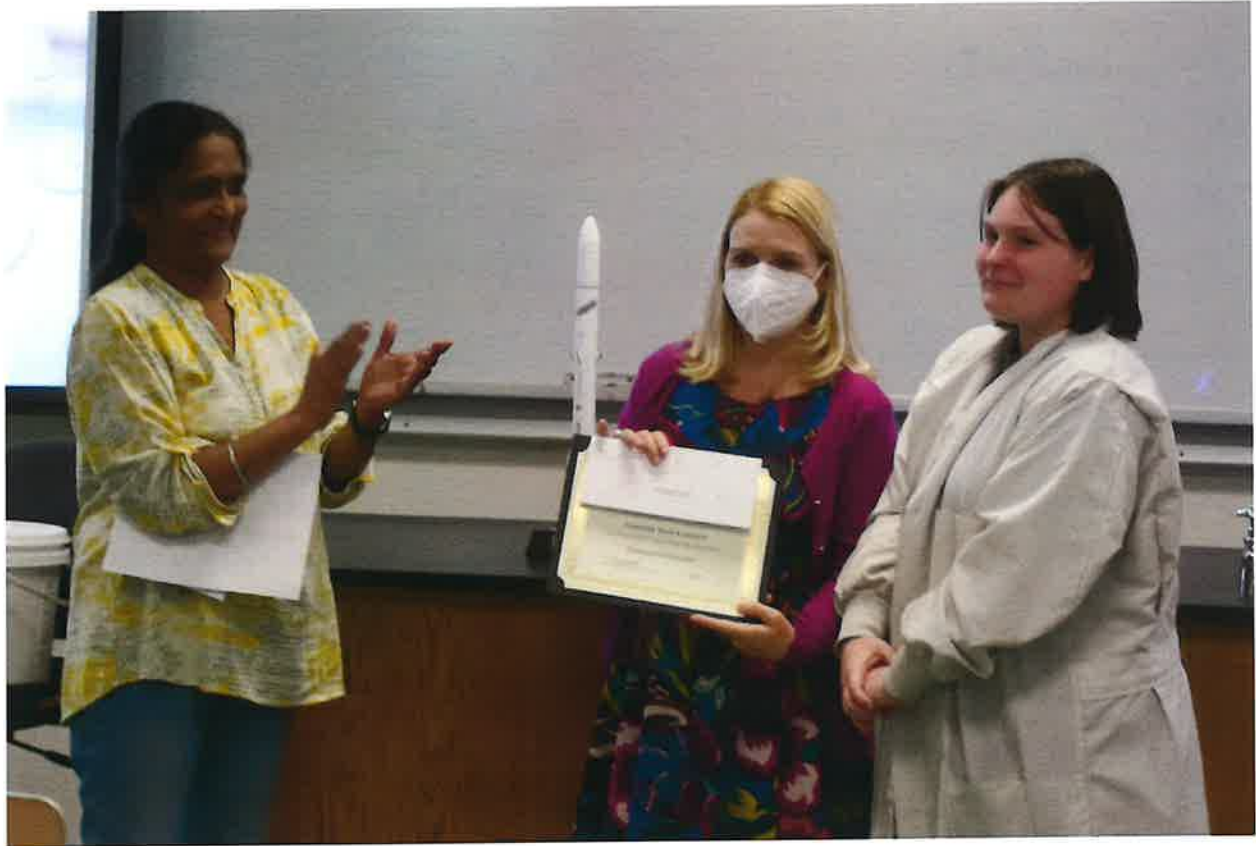
UNCP CHEMISTRY & PHYSICS

Spring 2022











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!