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**October
2020**

NEWSLETTER

Chemistry and Physics Department, Oxendine Science Building – Room 3101, Pembroke, NC 28372
chem_phy@uncp.edu 910/521-6247

UNCP RISE Program Annual End of Summer Research Symposium

UNCP RISE Presents.....

END OF SUMMER

Research Symposium

OCTOBER 9, 2020
3PM - 6PM

Virtual Concurrent Session Topics:

- Molecular Biology, Biochemistry & Biotechnology
- Ecology & Environmental Science
- Chemistry, Physics & Computer Science

Keynote Speaker:
Catheryn Wilson
 Ph. D Candidate, University of Arkansas for Medical Studies
 UNCP, B.S. Biology '15
 RISE Alumni

UNC
PEMBROKE

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The UNCP RISE Program for its Annual End of Summer Research Symposium was Friday, October 9th, from 3 pm to 6 pm. The symposium was held virtually via the WebEx platform. View the program in the attachment below. See what our student researchers have been working so diligently at.



EOS Program
2020.pdf

Special “thanks” to Drs. Rachel Smith and Robert Poage,
 Ms. Sailaja Vallabha and Ms. Fatima Oliver.
 Great job to all the students and mentors.

2020 Nobel Peace Prize / 3+2 Engineering Exposure Instructor Makes Food Deliveries to War-torn Africa

The UN World Food Program won the 2020 Nobel Peace prize for their work in South Sudan – specifically for food airdrops. View the picture at the following (click past the award notice page): <https://www.wfpusa.org/articles/on-the-frontlines-in-south-sudan-how-airdrops-are-saving-lives/>

Dr. Steven Singletary designed, developed and tested those parachutes! “So I’m claiming a small part of that award 😊 (no money; but, that is fine by me – over a million people did not go hungry because of my work, that is more than enough)” stated Dr. Singletary. He is getting more involved with the engineering program and students. Dr. Singletary did this work before he started full time at UNCP; but, he was working on this project previously when he was here as an adjunct back in 2014. The PR people at RCC had an article in the Robesonian (attached) after 60 minutes aired an episode about the parachutes.



Robesonian, The
(Lumberton, NC)_ 25

Link to the 60 minutes story:

<https://www.cbsnews.com/news/fighting-south-sudan-famine/>



Steven Singletary, Ph.D.
Clinical Assistant Professor

Dr. Siva Mandjiny, Chair, is very excited to know that Dr. Singletary is a part of this program. UNCP should be very proud to have you as one of the faculty members in the Department of Chemistry and Physics. Thank you for your contributions to this project to address world hunger.

Congratulations on your effort. This will help us to continue recruit more students in our Engineering Program; as well as, Chemistry and Physics Programs.

UNC System/ChemSpine & Adaptive Learning



Meredith Storms, Ph.D.

Associate Professor / Faculty Sponsor,
Gamma Sigma Epsilon

Dr. Meredith Storms is serving as the UNCP's point person in a system collaboration in chemistry. The project focuses on digital resources and adaptive learning with support in particular from UNC Charlotte.

Congratulations! Thank you for your work and service in this regard. You are an excellent representation of the profession and of UNCP. Your work is going to be very useful, not only for our department; but, also for all the entire NC Universities.

Thank you again for your leadership, continued good and excellent work.

2020 NC ASM Annual Meeting

The North Carolina American Society of Microbiology (NCASM) 2020 Annual Meeting was held virtually on Saturday, October 24th. UNCP host the meeting. There was a total of 33 presentations and 120 attendees. This conference was created using Zoom. There was two keynote speakers from Penn State University and Duke University. The meeting went successfully without any technical problems.

Comment from the NC ASM Former President, Mike:

"First off, AMAZING JOB organizing this meeting. It is going great! I have been super impressed with the structure and all the talks thus far. I am even seeing NC ASM host virtual meetings or hybrid meetings in the future, using all your hard work and organization as a template."

Comment from the NC ASM Current President, Misty:

"Hi Danny, I know how stressful planning a meeting is, and it went super well! Thanks for all of your hard work. It was a great day!"

Comment from College of Arts and Sciences Interim Dean, Dr. Richard Gay:

"Congratulations on a great event and outstanding job! I was very impressed with how Danny had organized the event and communicated the logistics to everyone involved."

Dr. Siva Mandjiny, Chair, and the Chemistry and Physics department recognize Devang Upadhyay and Dr. Leonard Holmes for their hard work towards our students. Job well done!



Dr. Leonard Holmes



Devang Upadhyay