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NEWSLETTER

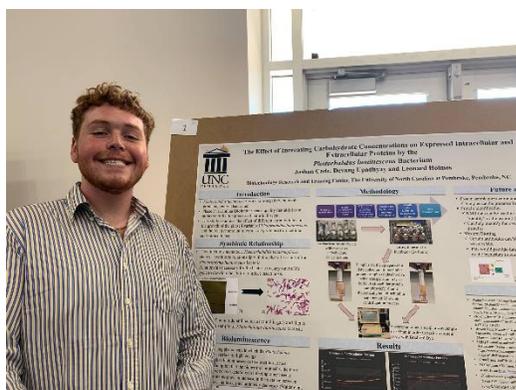
September
2019

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



Students News

Kody W. Heubach: accepted at the Campbell University, NC in the DO program



Joshua Cade: received an Honorable Mention for the 2019 Exceptional Summer Student Award in the National Institutes of Neurological Disorders and Stroke Summer Internship Program. Joshua impressed several judges with a quality research and outstanding presentation. The title of Joshua's poster is: *Genotype-Phenotype Correlations in Parkinson's Disease: Retrospective Analysis of the NIH-PD Cohort*. On behalf of the department, we wish you well for your future. It is a great honor for all the faculty members who worked with you very closely.

Cory Brown: Over the summer, I had the opportunity to work as an intern for Dominion Energy at the Virgil C Summer Nuclear Station. I was assigned to the Materials and Procurement department. In Materials and Procurement, we provide quality materials and services in a timely manner to support safe and reliable plant operations at the best overall value. Throughout the summer, I had the privilege of being mentored by the department as well as getting to work hands on with some projects as well.

My Portfolio

- Morning Maintenance Meeting
- AutoCAD
- Shelf Life Dispositions
- PTR Revisions
- Request For Disposition (RFD)
- Built Stock Keeping Units (SKU)
- Walkdowns
- Purchase Requisitions



Dominion Energy
Intern.pptx

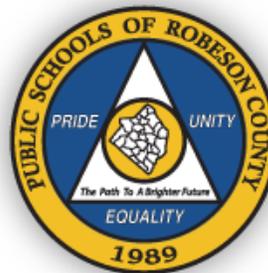
See the attached Power Point on Cory's Summer Internship at Dominion Energy



Kaysey Manista: accepted into the Doctor of Pharmacy program offered by Campbell University's College of Pharmacy & Health Sciences starting fall 2020. She has been awarded a \$30,000 Dean's scholarship.

Purnell Swett High School Outreach

Drs. Siva Mandjiny and Jeff Frederick visited the Purnell Swett High School on September 25. They met with the freshmen, sophomores, juniors, and seniors. Dr. Frederick spoke to the students about the University and the College of Arts and Sciences division. Dr. Mandjiny spoke about the opportunity to get students into the Chemistry, Physics, and Engineering programs.



30th Annual Pembroke Day

Pembroke Day (the partnership between UNCP and the Town of Pembroke) was held Thursday afternoon, September 26th from 3 – 7 p.m. on the Quad. Many vendors, families and friends, students, faculty and staff were enjoying this special event. Dr. Steven Singletary and students showed the “Rover-ready-to-roll” cart for everyone to see. The rover was used for advertising/recruiting. The students have organized a team to compete in NASA’s B.I.G. Idea Challenge (<https://bigidea.nianet.org>). Deadline for team submission is Jan 16, 2020.



UNCP Robeson County Schools Night



Dr. Siva Mandjiny attended Saturday’s Educational Fair Passport activity in honor of Robeson County Schools Night at the Pembroke football game on September 28. He met with the community and spoke about the department and Chemistry, Physics, and Engineering programs. Thank you, Dr. Mandjiny, for your efforts and cooperation for this event.



BWF SSEP Award Notification Request ID 1020207

Dr. Steven Singletary serves as a collaborator with the Burroughs Wellcome Fund (BWF) and members of the Student Science Enrichment Program (SSEP) Advisory Committee. Great job, Dr. Singletary.

Grants:

1. From NSF, S. Singletary- collaborator
Award Abstract #1919061

MRI: Acquisition of an MC-ICP-MS for Earth, Environmental and Planetary Research at the University of Nevada Las Vegas
Shichun Huang - PI
\$675,292 for three years
2. From Burroughs-Wellcome Foundation, S. Singletary- collaborator/curriculum lead
“STEM experiences in the lab and field – SELF” in collaboration with UNC-Chapel Hill
Megan Hoert-Hughes – PI
\$116,046 for three years

Presentation (abstract submitted)

1. Exploring Angrite Meteorites with Microanalysis: A Broad Spectrum Approach to Constraining Petrogenesis, S. J. Singletary, A.B. Love, S. Mu, S. Huang, J. Sinclair and D. Cline; 2019 NC Astronomy Meeting, Greensboro, NC.