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NEWSLETTER

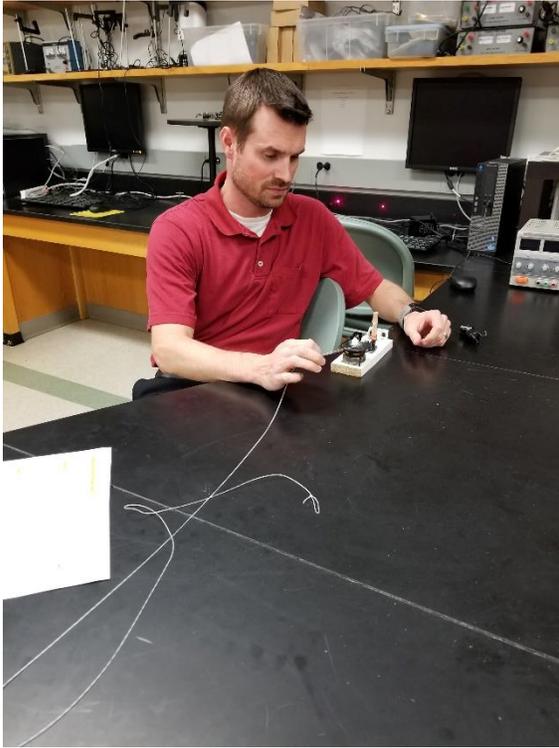
November
2018

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

Dr. William Brandon

Dr. Bill Brandon held a workshop on November 7th for students and the local community. The workshop topics included Apparatus needs for five schools (next project will be optics kits); Grant Strategy; and How to Use the Wave Drivers (supplied through Bauder Fund). The participants were Jennifer Evans (Cape Fear HS); David Gavasci (RCC); Ed Lowe (Lumberton High School); David Few (Pinecrest HS); and Scott Boucher (Hoke County HS). Each instructor received five complete wave driver apparatuses (5x5=25 total), assembly instructions, and lab manual. The student assistants were Brittany Stokes (graduate student), Dana Lamberton (3+2), Mariam Gerges (3+2), and Sandra Huneycutt (applied physics). Great job, Dr. Brandon.







National STEM Day at the Library

In honor of National STEM Day (November 8, 2018), Dr. Meredith Storms and Erin B. Allen launched a STEM club at Scotland County Memorial Library. They kicked off with astronomy related activities since the theme for National Chemistry Week was “Chemistry is out of this world.” We had story time as Erin read the book entitled, “There’s No Place Like Space: All About the Planets” by Dr. Seuss. Children made popsicle stick planets and made a foldable to learn the order of the planets. They also created a constellation to introduce them to the wonders of the night sky. We had a terrific time with these budding scientists! Hats off for all the work you are doing with the future generation.





Dr. William Brandon

Dr. Bill Brandon and students (**Mariam Gerges, Sandra Honeycutt, Brittany Stokes, Dana Lamberton, and James Barstrom**) attends the NCS-AAPT at NC A&T in Greensboro, NC on November 9 – 10, 2018. Dr. Brandon spoke at the meeting and the students presented posters and a workshop.

Special topics were:

Topic: Design and Construction of Inexpensive Wave Driver Apparatus

Presenter: Dana Lamberton

Co-Authors: Mariam Gerges and William Brandon

Topic: Qualitative Characterization of Solar Cells through Electroluminescence Analysis

Presenter: Sandra Huneycutt

Co-Authors: Raj Pulugurtha, Janet Tocho, and Abasifreke Ebong

Topic: Evaluation of an Inexpensive Wave Driver in a Formal Lab Activities

Presenter: Brandon William

Topic: Free Wave Drivers

Presenter: William Brandon

Co-Authors: Brittany Stokes, Mariam Gerges, Dana Lamberton, and James Barstrom



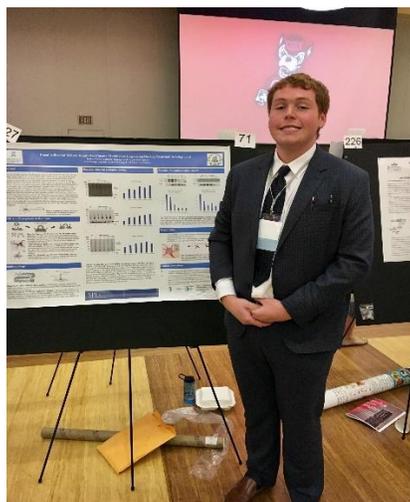


We appreciate all you do for our students. Great job Dr. Brandon!

SNCURCS Conference

Conference Name: The State of North Carolina Undergraduate Research and Creativity Symposium (SNCURCS), November 10, 2018 hosted at NC State University

Participant Name: Joshua Cade, Poster Presentation and Elijah Mebens, Oral Presentation



Thank you, Dr. Holmes and Devang. We appreciate all you do for our students.

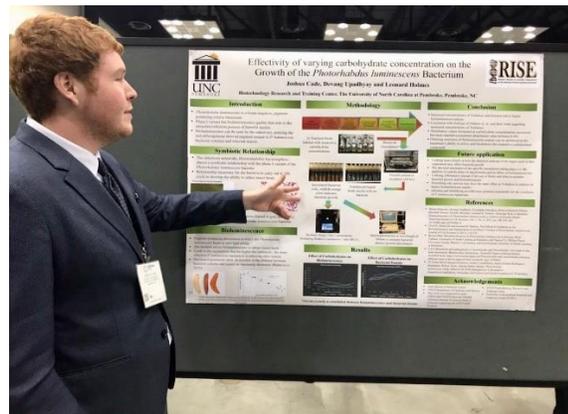
ABRCMS Conference



Dr. Rachel Smith attended the ABRCMS Conference with the NIH/NIGMS administrators, and supported RISE Fellows in Indianapolis, IN. The students presented their scientific research at the conference on November 15 – 16, 2018. Thank you, Dr. Smith, for being a part in working with the RISE students.

Conference Name: Annual Biomedical Research Conference for Minority Students (ABRCMS), Indianapolis, Indiana, November 14-17, 2018

Participant Name: Joshua Cade, Poster Presentation



Dr. William Brandon and Dr. Siva Mandjiny

On Friday, November 16, Dr. Brandon and Dr. Mandjiny traveled with students to the department of Electrical and Mechanical Engineering at NCSU.





Dr. Benjamin Killian



Dr. Benjamin Killian represented the department for the Fall Undergraduate Admissions Open House for UNCP students on November 17, 2018. The students experienced student life on our campus, explore their academic options, and met admissions counselors and financial aid experts who will help them throughout their application process. Thank you, Dr. Killian, for being a part of open house and speaking with the students on behalf of our department. Great job!



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