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October
2017

NEWSLETTER



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

DR. JOSE D'ARRUDA



On October 6th, the Marlboro Academy in Bennettsville, SC host the esteemed Physicist and Astronomer, Dr. Jose D'Arruda, for the Solar System Seminar.







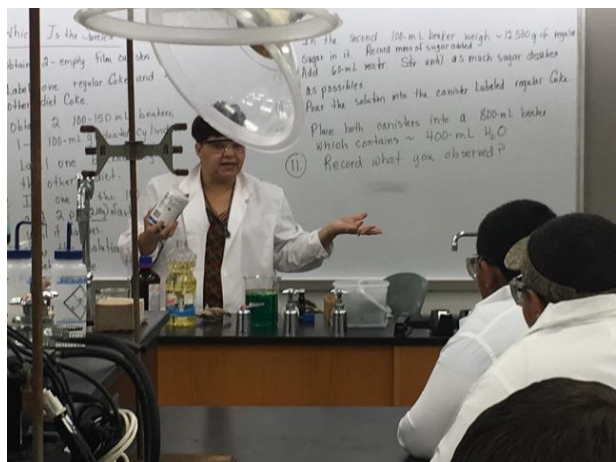
You can read more at the link below:

<https://www.richmondobserver.com/national-news/item/602-marlboro-academy-hosts-esteemed-physicist-and-astronomer-dr-jose-d-arruda-for-solar-system-seminar.html>

STEM PROGRAM

Mrs. Felicia Scott worked with ACCESS, a STEM program, on October 12th. There were 12 middle school students who were engaged in Density Lab entitled: "How Sweet It Is". The students learned how to use a balance and uses of various glass wares.



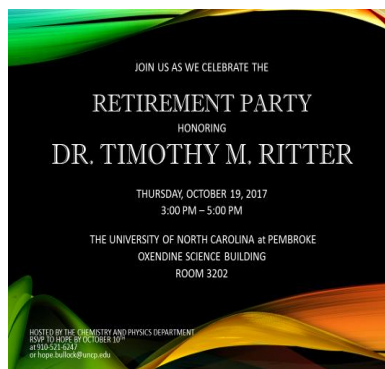


OPEN HOUSE at NC STATE UNIVERSITY

Dr. Jose D'Arruda and Dottie attended the College of Engineering Open House at NCSU in Raleigh on Saturday, October 14th, for UNCP.



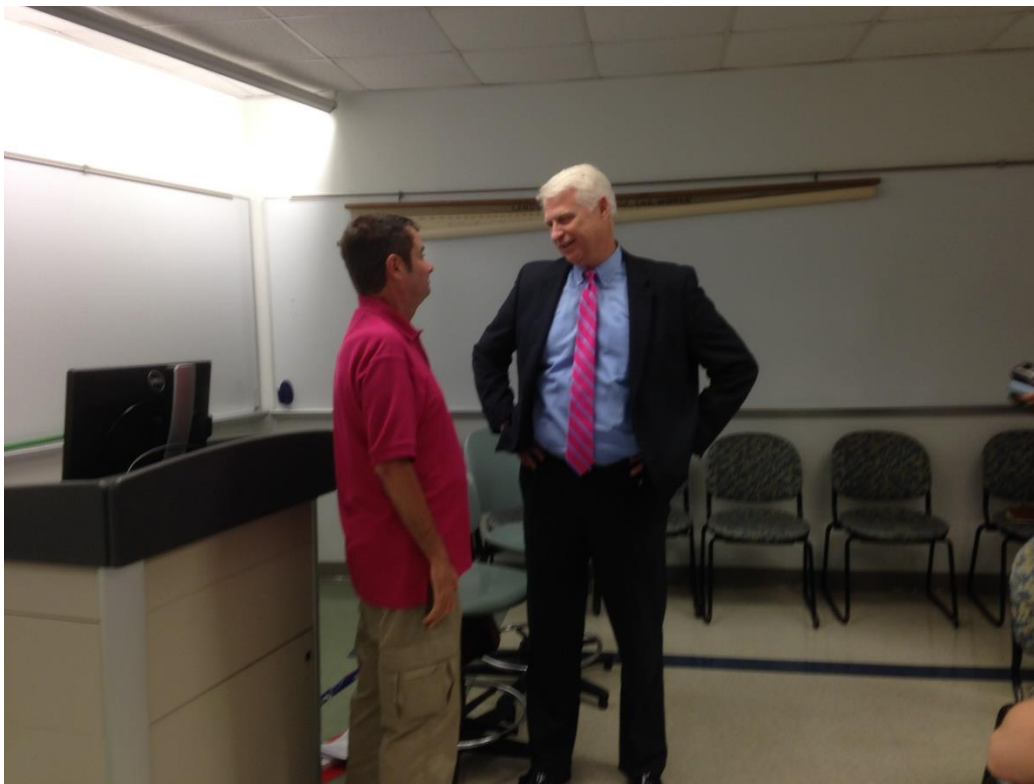
DR. TIMOTHY M. RITTER



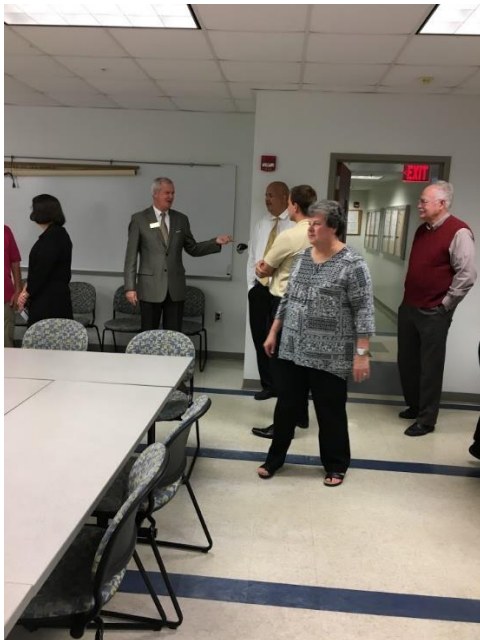
On October 19, the department host a retirement for Dr. Tim Ritter. It was an enjoyable time to spend with him, his wife, Marie, and his son, Blaine. It was very meaningful and a special time for Dr. Ritter and his family and everyone who attended. We wish you well, Dr. Ritter. Come and visit with us anytime you can.

The department appreciates the effort by Carolyn and Hope for organizing and arranging the nice event for Dr. Ritter.















National Chemistry Week Event, Laurinburg, NC, October 21, 2017

The North Carolina Local Section of the ACS is teaming with the University of North Carolina at Pembroke in celebration of National Chemistry Week 2017. The theme for the event was “Chemistry Rocks” which kicked off National Chemistry Week. The event was held at the Scotland County Memorial Library on Saturday, October 21 from 10 a.m. to 1 p.m. Volunteers were from UNCP Chemistry and Physics, the Gamma Sigma Sigma Epsilon Chemistry Honor Society, UNCP Nursing, UNCP Biology, AISES, UNCP Geology and Geography, Black and Veatch, St. Andrews Chemistry, Steven Roberts Bakery, 4-H, and Novo Nordisk.

The activities included the following: making slime, testing the pH of various household chemicals, Gaviscon heartburn medicine demo, a geochemistry lesson about rocks, STEM challenges, chemistry of food science (baking bread), proper hand washing techniques, bees and the production of honey, making borax/sugar crystals, dissolving M&M candies, measuring the mass of pennies from different time periods, and coloring aprons with the digestive system. We even had science photo props for super fun pictures.

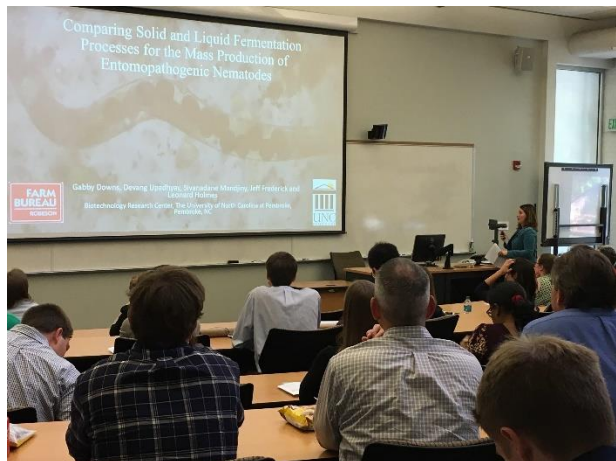
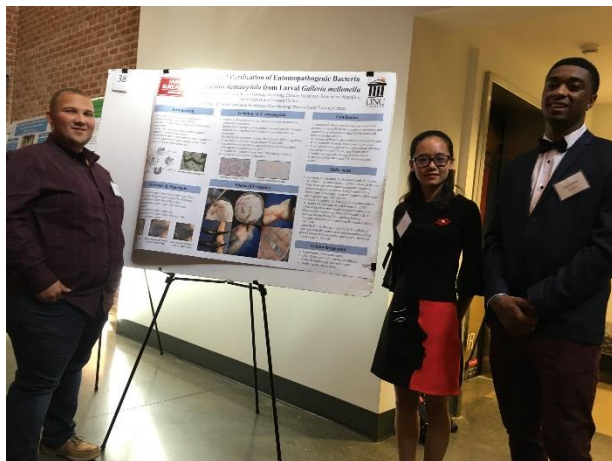
With over 250 people visiting the library for the event, the tables received a steady flow of traffic. Each child received a certificate of appreciation for attending and freebies such as moles, stickers, pencils, and tattoos. A copy of “Celebrating Chemistry” was provided to each child. This magazine contains lots of career information and fun activities for children to complete at home.

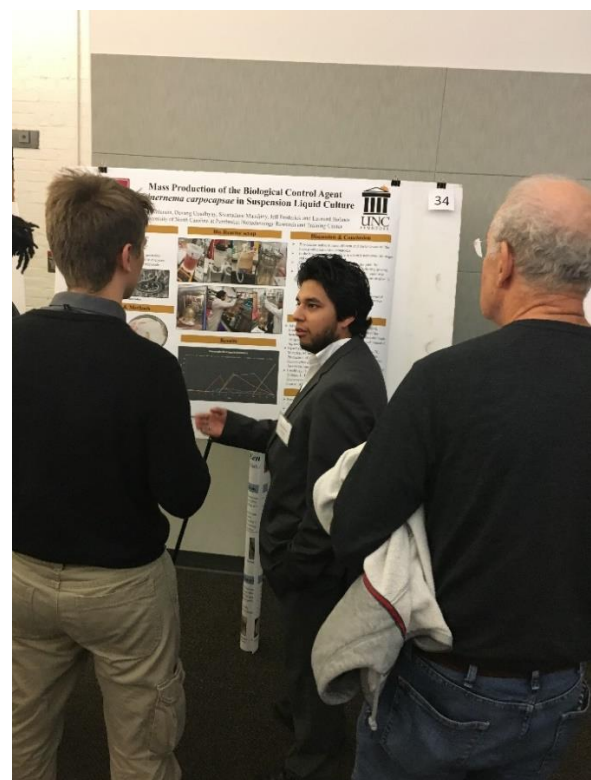
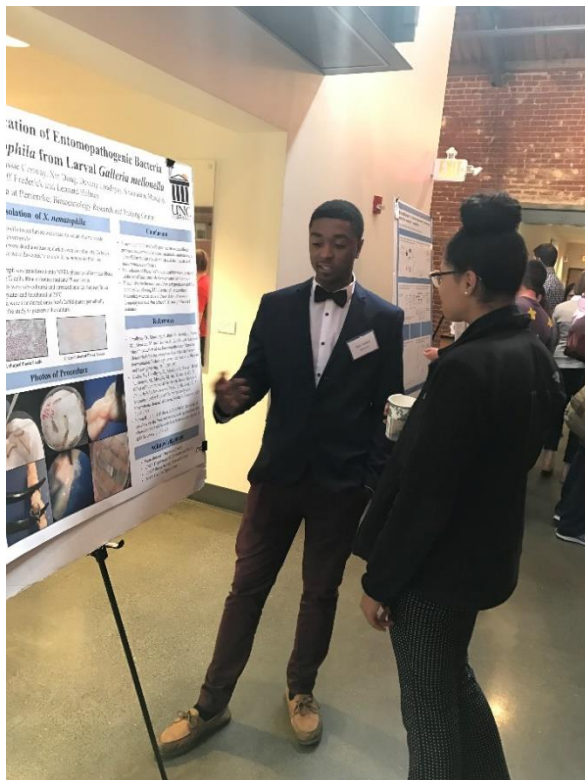
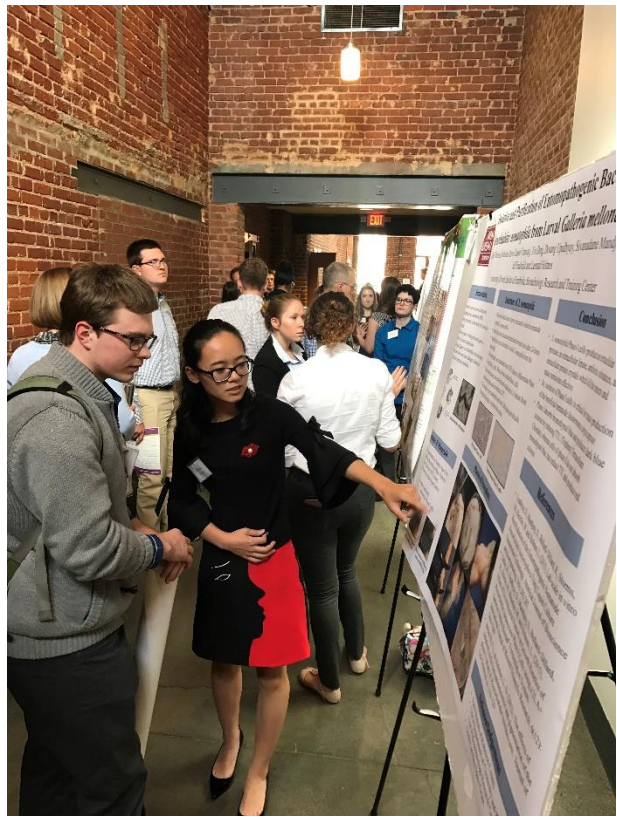
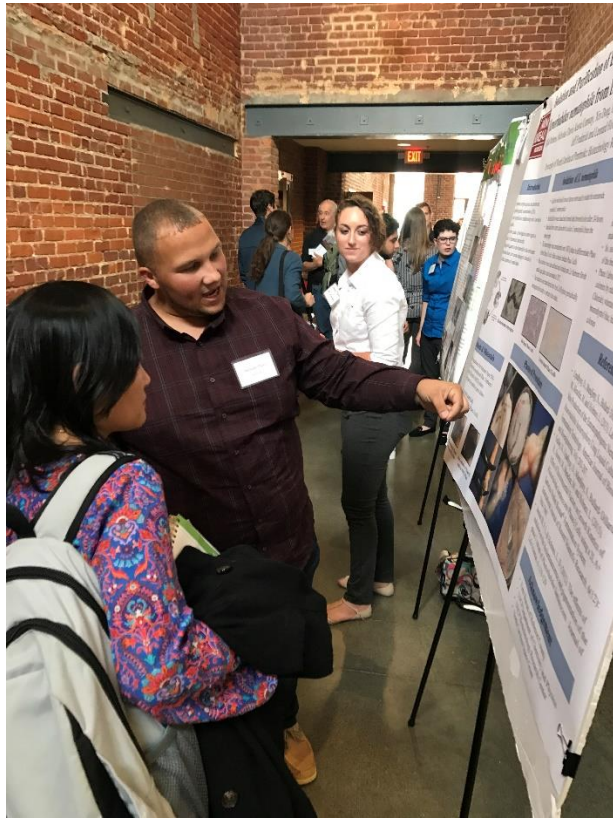




AMERICAN SOCIETY MICROBIOLOGISTS CONFERENCE

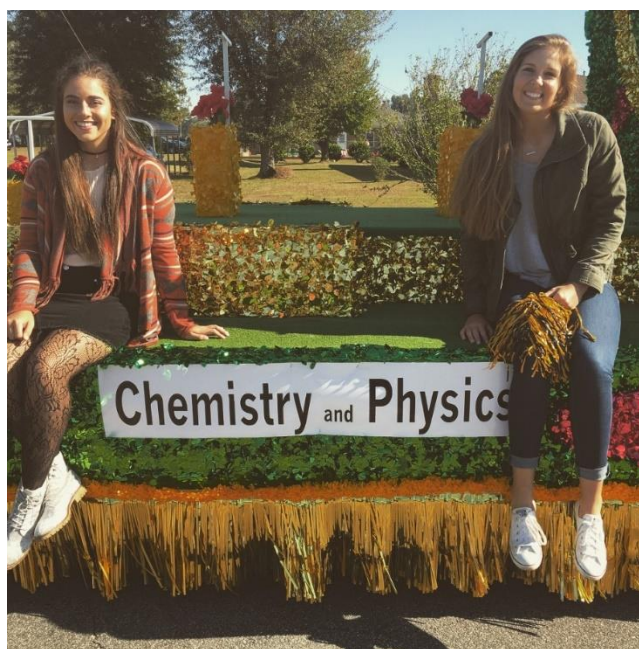
On October 21, 2017, Dr. Holmes' students and Devang Upadhyah attended and presented two posters and one oral presentation at the American Society of Microbiologists state meeting at NCSU in Raleigh. Great job Jeison Mazuera, Elizabeth Mebens, Gabby Downs, Nicholas Chavis, Xin Dong, and Devang Upadhyah.





UNCP HOMECOMING PARADE

On October 26th, Dr. Benjamin Killian and many of our students in Chemistry and Physics participated in this year's homecoming parade. Everyone had fun....a great day for a parade.





UNCP OPEN HOUSE

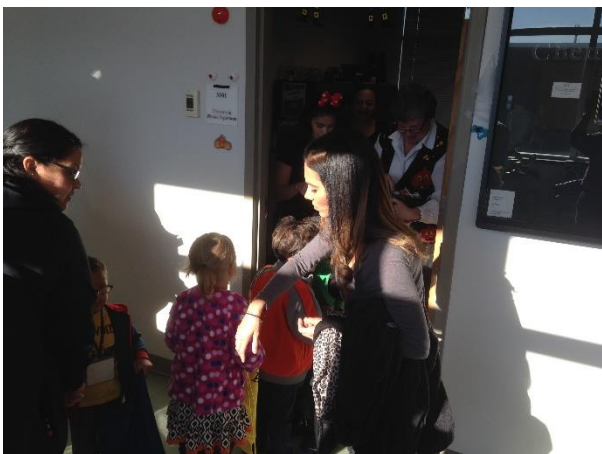
Open House was on October 28th. Mrs. Felicia Scott met with students. Also, Dr. Siva Mandjiny gave a preview to instruction for Open House. He and Ms. Natalya Freeman, HCAP, discussed Pathway to Success opportunities (3+2, Broady, etc). There was a great turnout of students.



HALLOWEEN TRICK or TREATERS

On October 31st, faculty and staff spent their time handing out candy for the little trick and treaters from local daycare and preschools. It was so much fun to enjoy and see the little ones.





Did you see Dr. Isaac Stein today? He cancelled his busy schedule to join us today with the little ones.