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NEWSLETTER

April
2018

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

Jose D'Arruda to Receive Award from AAPT

April 3, 2018



The American Association of Physics Teachers (AAPT) has selected Dr. Jose D'Arruda (Chemistry & Physics) as recipient of a 2018 Homer L. Dodge Citation for Distinguished Service to AAPT. The award is presented to members in recognition of exceptional contributions to the association at the national, sectional, or local level. The honor will be presented to Professor D'Arruda during the 2018 summer meeting in Washington, D.C. Founded in 1930, the American Association of Physics Teachers is an international organization for physics educators, physicists, and industrial scientists. Congratulations, Dr. D'Arruda!

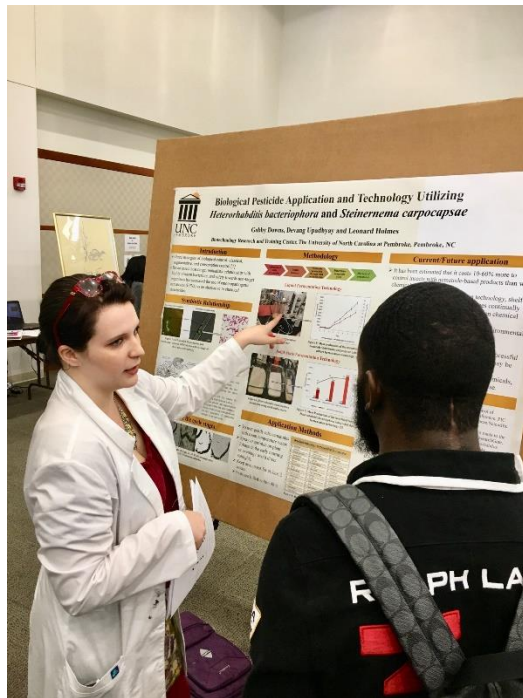
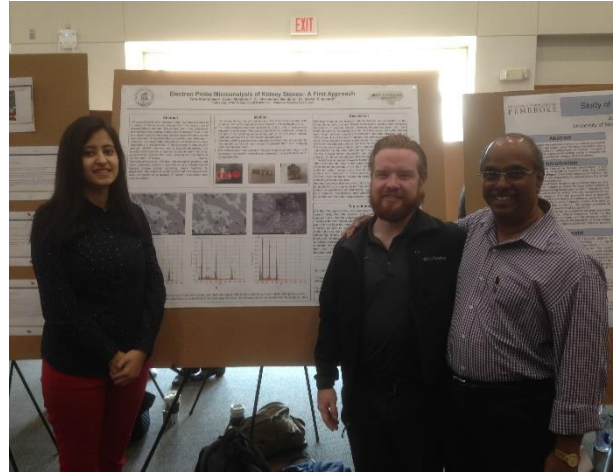
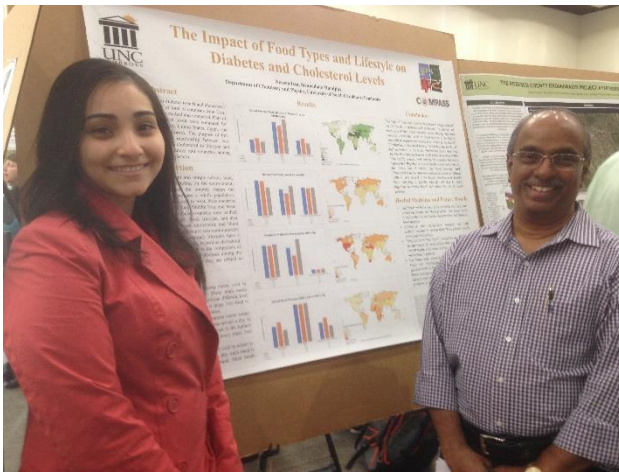
Community Service (STEM Outreach)

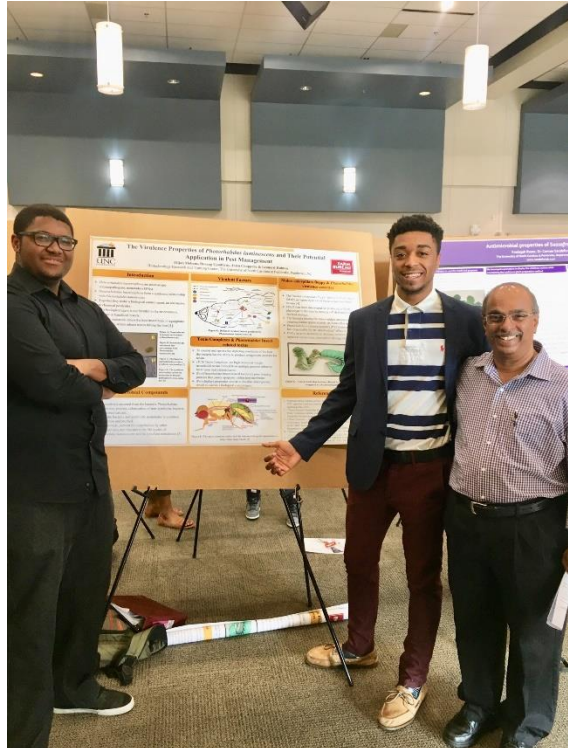
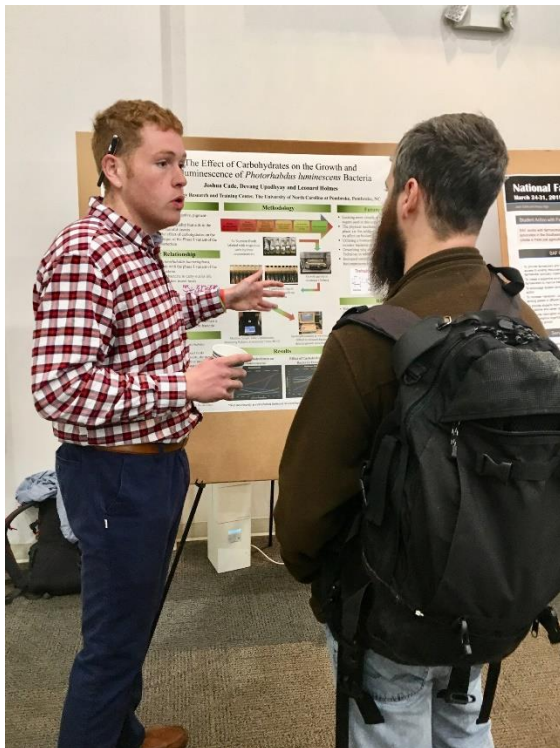


Dr. Bill Brandon gave an enthusiastic presentation with his students, **Killian McDonald** and **Mariam Gerges**, to the board of visitors at the Incubator last Friday, April 6. His students, Killian and Mariam, were very well appreciated by the visitors. Job well done, Dr. Brandon.

PURC Symposium

The Pembroke Undergraduate Research and Creativity Symposium took place on April 11 in the UC Annex. There was much excitement to see our students and to hear their oral presentations and see their posters during the PURC conference. A special "thanks" to all the mentors who worked tirelessly with the students for their progress. The mentors are **Len Holmes**, **Devang Upadhyay**, **Roland Stout**, **Cornelia Tirla**, **Rachel Smith** (RISE), **Paul Flowers**, **Meredith Storms**, **Sally Vallabha** (RISE), **Tom Dooling**, **Bill Brandon**, and **Siva Mandjiny**.





Gamma Sigma Epsilon Chemistry Honors Society

The Gamma Sigma Epsilon Chemistry Honors Society Induction Ceremony was a big success on April 12 in the Faculty Lounge. There was great fellowship with the students and their families and lots of good food. The students are **Ethan Williamson, Casey Burroughs, Ashley Smith, Ereny Gerges, Shehab Assaedi, Josie Blue, Brianna Freeman, Ebone Stevens, and Samuel Huggins**. This is our 15th year of the GSE CHS at UNCP with 107 inductees. Thank you, Dr. Storms, for the preparation of this special event and making it a success for the department and our students.





Fairmont High School

Dr. Siva Mandjiny visited the high school on April 17, 2018. He spoke to 50 students and their teachers on making life meaningful and succeed in the world. Thank you, Ms. Tonya Lewis-Locklear, for letting UNCP be a part of your school activity.

Purnell Swett High School

On April 19, Ms. Olivia Byrd brought her students to visit the Chemistry and Biology labs. Drs. Mandjiny and Worix met with them and spoke on several topics regarding each department. Thank you, Dr. Mandjiny and Dr. Worix.

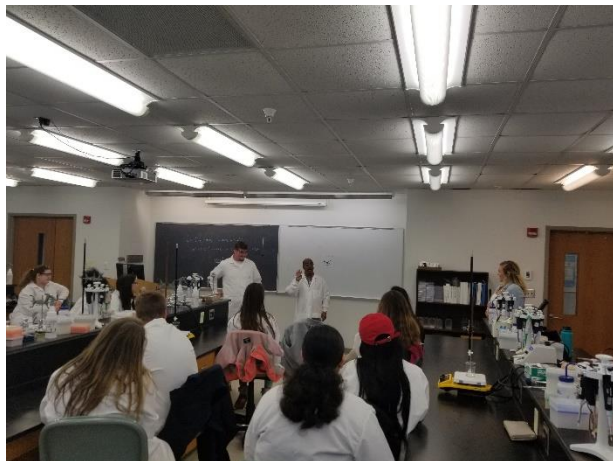
Hoke County High School Career Day

Dr. Mandjiny visited the school in Raeford on April 20, 2018. He had a great time meeting with the students. Thank you, Dr. Mandjiny.

West Columbus High School

West Columbus High School students came to the campus on April 23, 2018 at 8:30 a.m. Ms. Caroline Newman, former UNCP student, is their teacher. The high school is located in Cerro Gordo, NC. Dr. Mandjiny entertained them in the Biochemistry Lab. Dr. Storms and her student, Ethan Williamson, and Dr. Flowers presented their research work to 24 students. The students visited the wet labs and Dr.

Flowers' Instrumental Analysis lab. The students asked many questions about the University and about the department. Everyone had a great time.



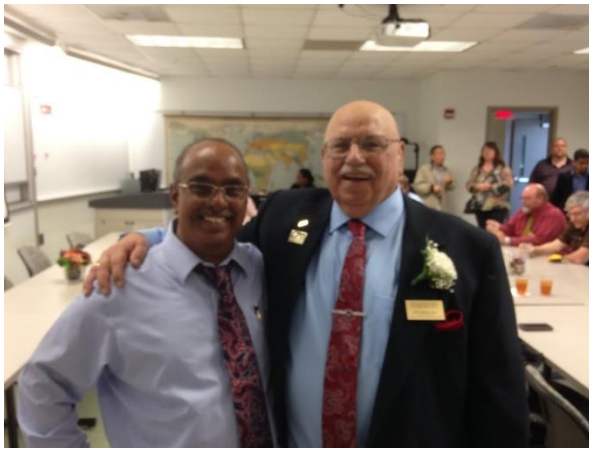
OPEN HOUSE



Open House at UNCP for students took place on April 21, 2018. The Open House at UNCP means students can experience student life on our campus, explore their academic options, and meet admissions counselors and financial aid experts who will help them throughout their application process. Thank you, Dr. Smith for being a part of open house and speaking with the students on behalf of the department. Great job!

Dr. Jose D'Arruda Phase Retirement

On April 25, a celebration was given in honor of Dr. Jose D'Arruda for 44 years of service. Many friends and family attended to congratulate him on his success with the University and the community. Congratulations, Dr. D'Arruda.





View more photos at the link: <https://photos.app.goo.gl/GBDBEyoBKRwfuQR9>

Farm Bureau Symposium at UNCP Biotechnology Center

Dr. Len Holmes and Devang Upadhyay cordially invite you to the 9th Annual Farm Bureau Symposium on April 26. This year's theme is the importance of pollination to North Carolina Agriculture. A dinner will be provided to all registrants. Special piano music Celebrating *God's Blessings of Spring* by Ms. Michelle McCallum will be performed for your dining pleasure. Please feel free to invite friends and family members. "Thank you" to the Farmers and Farm Bureau for their continued support to our University.



9th Annual Farm Bureau BioAg Symposium



Event Schedule

- 5-5:30 p.m. Social Time
- 5:30-5:40 p.m. Welcome: Dean Jeff Frederick, College of Arts & Science
- 5:40-6:20 p.m. Presentation: 'Pollinators and Pesticides: Why, What, and When' presented by Mr. Mack Johnson
- 6:20-6:55 p.m. Presentation: 'Bees, Farming and Us' presented by Ms. Nancy Ruppert
- 6:55-7 p.m. Appreciation Remarks
- 7-8 p.m. Dinner Music: Celebrating God's Blessings of Spring performed by Mrs. Michelle McCallum

VENUE

UNCP Biotechnology Research and Training Center
Regional Center, 115 Livermore Drive, Pembroke, N.C. 28372

Date: Thursday, April 26, 2018 Time: 5:30-8 p.m.
Free Registration: RSVP by Thursday, April 20, 2018

(Including Dinner Music Celebrating God's Blessings of Spring)
Contact: lenh3164@gmail.com, danny.uncp@gmail.com
or call: 910.521.6650



Mr. Mack Johnson
North Carolina Cooperative Extension
Agriculture Agent, horticulture



Ms. Nancy Ruppert
Apary Inspector, NC Dept. of Agriculture
& Consumer Services



Thank you!



Dr. Jose D'Arruda's Rocket Team

The rocket was shipped to Wisconsin and the Rocket Team is ready for launch. We wish them all the luck under the leadership of Dr. D'Arruda as they travel to Wisconsin on April 18.



Students did their presentations April 20th to the judges. Yesterday, April 19, 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. Rocket launch will be tomorrow, April 21, starting at 8 a.m.

Here is a link to our rocket team's trip.

<https://photos.app.goo.gl/TYuQmWvWPFq2ydNK2>



The team launch in Wisconsin on April 21, 2018. Congratulations Team!

Photos of launch at <https://photos.app.goo.gl/8OjjDMB2CQy5g4yG2>

More photos: <https://photos.app.goo.gl/8OjjDMB2CQy5g4yG2>



See the video below: ***Slo Mo Rocket Launch***



IMG_3498.MOV

Chemistry and Physics Graduate Social

The 2018 Spring Graduate Social was April 27, 2018. It was a great turn out with students, faculty, and staff. Everyone enjoyed the good fellowship and great food. Our graduates for this semester are: **Abumohsen, Ahmad Bashir; Assaedi, Shehab Zakaria; Blue, Josie Leigh; Brown, Amelia Christina; Curt, Chase Alan; Dupuy, Marie Suzanne; Felton, Taylor M.; Gerges, Ereny; Huggins III, Samuel O'Neal; Issa, Neveen G.; McDonald, Killian Kilpatrick; Miller, Zachery Taylor; Paul, Helen Beatrice; Sanborn, Tristan K.; Snead, Erin Nicole; Stephens, Andrew Alexander; Stevens, Ebone' Semone; Swales, Diamon Alexis; Wise, Stephen Michael.** Congratulations to our graduates. Job well done!





Congratulations Colleagues

During the Faculty Appreciation Banquet on April 27, the Chancellor and the Provost appreciated all the faculty members for their hard work and working with the students. In that recognition, some of our departmental faculty members were appreciated and recognized.

Faculty Emeritus Status was given to Dr. Tim Ritter.

Faculty Retirement: Dr. Jose D'Arruda was recognized for his 44 years of service (long contribution) to this University and the community.

Full Professorship: Dr. Cornelia Tirla was recognized and Zina her daughter was excited running all around.

James F. Hubbard Faculty Award: Dr. Ben Bahr received the award.

10 Years of Service: Dr. Rachel Smith received her award and gift.

10 Years of Service: Dr. William Brandon received his award and gift.

15 Years of Service: Dr. Mark McClure received his award and gift.

15 Years of Service: Dr. Meredith Storms received her award and gift.



Congratulations to all of you! Great Job.