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NEWSLETTER

February 2021

Chemistry and Physics Department, Oxendine Science Building – Room 3101, Pembroke , NC 28372
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Students News

Justin Villanueva

Justin Villanueva, a recent UNC Pembroke graduate, has been accepted into the UNC Eshelman School of Pharmacy, which is located at the University of North Carolina at Chapel Hill. Villanueva earned a bachelor's degree in chemistry in Fall 2020. He credits UNCP's small, rigorous classes and outstanding professors for "igniting the spark of flame" within him to pursue a Doctor of Pharmacy degree.
Villanueva will begin pharmacy school in August.

Dana Lamberton: our first UNCP graduate obtaining the "dual degree" on the '3 + 2' program with NCSU. She will be graduating from NCSU completing the BS Mechanical Engineering degree this semester.

Joseph Sprinkle: Attending High Point University (NC) for Pharmacy School

Nicholas Willard: Graduate Program at Texas A&M University at Kingsville

Meredith Hatchell: attending Wingate University (NC) for Pharmacy School

THE NORTH CAROLINA REGION IV SCIENCE & ENGINEERING FAIR

The 2021 North Carolina Region IV Science & Engineering Fair was held on Saturday, February 20, 2021. Unfortunately, due to the ongoing Covid-19 pandemic, we did not host our traditional, face-to-face fair this year; instead, we utilize a virtual event through Zoom.
This year's science fair was the 40th year that UNCP has hosted the regional fair. There were over 20 projects entered from thirteen different counties in the surrounding area. There will be several projects going on to the state level competition. Due to the generous support from a wide variety of sponsors, we were able to award an additional seven special recognition awards, many with monetary prizes.

The department would like to give a special "thank you" to Dr. Quinton Rice for his remarkable work on our Region IV Science Fair. It was a grand success under the leadership of Dr. Rice as the Director. He did a great job for his organization and executing the work nicely. Congratulations, Dr. Rice. You did a great job. Also, thank you to the following faculty members for their dedication and the time they took to judge the Science Fair Projects. The faculty members judging the projects were Dr. Tom Dooling, Dr. Bill Brandon, Dr. Benjamin Killian, and Dr. Siva Mandjiny. Thanks to all four of you and without your support, this would not have happened. We appreciate all of you.

Dr. Quinton Rice

And the Winners are...

Elementary Winners

Meghan Peters - Concentrated or Distracted - Star Elementary
Madison Owen - The Lemon Battery Experiment - Long Hill Elementary
Kelston DeBerry - Hotter than Hot Hands - Star Elementary
Hannah Nilson - Which Water Works? - Overhills Elementary
Lillian Haynes - Battery Life - Page Street Elementary

Elementary Honorable Mentions

Leah Mullennix - Potty in the Pandemic - McDeeds Creek Elementary
Davis Whichard - Which Cup Keeps Water Colder? - Edgewood Elementary
Olivia Bass - Planting with Soil
Garrett Mullennix - A Ton of Trash! - McDeeds Creek Elementary

Senior Winners

Kaitlyn Zuravel and Lauren Zuravel - Designing a Bioplastic Material to Replace Polystyrene & Polypropylene Materials in Single-Use Hard Plastics - Terry Sanford High
Tristan Howell - Efficient Houseplants - Highland Middle

Special Award Winners
US Air Force Award

Grecko Nemis - Cheese on Coke - William H. Owen Elementary
Davis Whichard - Which Cup Keeps Water Colder? - Edgewood Elementary

Lumbee River EMC
Leah Mullennix - Potty in the Pandemic - McDeeds Creek Elementary

Biotechnology Award
Alison Amador Mendoza - Which Substance Will Keep Roses Alive The Longest? - Page Street Elementary

Dr. Dalton Brooks Award
Gavin Tyndall - Soda vs Teeth - Dunn Middle

UNCP Chemistry and Physics Award
Aksel Amador Mendoza - Which flavor last longer? - Page Street Elementary

Grand Prize Winner
Kaitlyn Zuravel and Lauren Zuravel - Designing a Bioplastic Material to Replace Polystyrene & Polypropylene Materials in Single-Use Hard Plastics - Terry Sanford High

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