New Hires

The 2006-2007 academic year has one of continued growth for the department. Dr. Rachel Smith will be joining our department starting in the Summer 2007 term. Her area of specialization is organic chemistry.

Dr. Teague Retires

Dr. Harold Teague retired this semester after 35 years of service to UNCP. A retirement party was held in his honor on April 25, during which he reflected upon his years of service. Special thanks should go to Jose D’Arruda and Carolyn Parsons for planning this event.

Dr. D’Arruda Wins BOG Award

Dr. Jose D’Arruda was awarded the coveted UNC Board of Governors Award for Teaching Excellence this semester. He has been a member of the faculty of The University of North Carolina at Pembroke for 32 years. Among other things, he founded the Region IV Science Fair in 1980 and remains a co-chair and was instrumental in the construction of the University’s new observatory.

Student Awards

The student awards ceremony was held on April 04, 2007. Let us take the time to congratulate our award winners:

Megan Grimsley – American Institute of Chemists Outstanding Senior Award
James Smith – Professional Promise Award
Chad Riggsbee and Stephanie Baker – Continuing in Chemistry Award
Donna Gilchrist – CRC Freshman Chemistry Award
Kristen Arnett – Undergraduate Research Award
Brayam Pinilla - Outstanding Pre-Engineering Student Award
Sabrina Fletcher - Einstein Achievement in Physics
Spring 2007 Graduates

Due to continued growth at UNCP, the 2006-2007 academic year has so far given us one of our largest graduating classes. Let us take the time to honor these students for their achievements.

Saul Abarca                     Jamie Harris                     Dwight Oxendine
Charlotte Branch               Kayla Hunt                      Laura Oxendine
Dezia Chavis                   Ron Hunt                        Indee Smith
Dominique Cooper               Amy Hutton                      James Smith
Erica Dellinger                Adam Jernigan                   Johnathan White
Sabrina Fletcher               Ashley Locklear                  Melvin Woodland
Jamia Gaines-Paige             Ezra Locklear
Megan Grimsley                 Nefertari McKoy
Jamie Hardee                   Michael Messick

Gamma Sigma Epsilon Inducts New Members

The Spring 2006 induction ceremony was held on Tuesday February 20. The following students were inducted into this prestigious honor society.

Amy Avirett                     Sarah Hymbaugh                   Lisa Walters
Ashley Chavis                   William Joshua Johnson             Kelly Leanne Williamson
Lisa Devane                     Joshua Locklear                  Melvin Woodland
Sarah Gabell                    Latasha Oxendine
Jamie Harris                    Chad Wesley Riggsbee
Tracy Herring                   James Sibbett

UNCP Students Attend PURC Forum

A number of students from our department attended the first PURC (Pembroke Undergraduate Research and Creativity Center Advisory Council) forum, held on April 16, 2007. The students, with their presentation titles, are listed below.

Kristen Arnett (Dr. Paul Flowers)
*Toward Development of a Fiber-Optic Spectroelectrochemical Fluorescence Sensor for in-situ Metal Ion Determinations*

Stephanie Baker (Dr. Mark McClure)
*Applications of Two-Dimensional NMR to the Study of Cobalt(III) Complexes Containing Tris(2-aminoethyl)amine and propylenediamine*

Alex Britt (Dr. Cornelia Tirla)
*Synthesis of a Novel Organic Ligand from Citric Acid to Chelate Copper Ion*
Kalyn Dukes and Brian McMullen (Dr. Cornelia Tirla)
*A Study of the [6+4] Cycloaddition Reaction*

Jamie Hardee (Dr. Paul Flowers)
*Development of a Sensitive Gas Chromatographic Method for the Determination of Atmospheric Carbon Dioxide*

Adam Jernigan (Dr. Thomas Dooling)
*The Detection of Radioisotopes Using a Thing Scintillating Fiber in a Spiral*

Joshua Locklear and Jamie Harris (Dr. Meredith Storms)
*HPLC Determination of Metformin and Pioglitazone in Human Serum using Solid-Phase Extraction*

Shannon Moynihan, Jessica Ortiz, and Melvin Woodland (Dr. Siva Mandjiny)
*Production off biodiesel from Vegetable Oil by Transesterification Process with Methanol*

Some pictures from this event are attached below.

Melvin Woodland and Jessica Ortiz

Jamie Hardee

Stephanie Baker

Jamie Harris and Joshua Locklear
UNCP Students attend “Research in the Capital”

A number of UNCP students attended “Research in the Capital” held in Raleigh on April 17. This event gave students the chance to present their research to state legislators. The students, with their presentation titles, are listed below.

Megan Grimsley and Tala Smith (Dr. Tim Ritter)
*The Effects of Gravity on Enzyme Reaction Rates*

Jason York and Michael Everhart (Dr. Jose D’Arruda)
*Learning how to do CCD Photography in a Small College Observatory*

Stephanie Baker (Dr. Mark McClure)
*Applications of Two-Dimensional NMR to the Study of Cobalt(III) Complexes Containing Tris(2-aminoethyl)amine and ethylenediamine*

Shown below are some pictures from this event.
Kristen Arnett was selected to represent UNCP at the NCUR (National Conference for Undergraduate Research) "Posters on the Hill" session in Washington DC this April. Shown on the right is her photo with North Carolina congressman Mike McIntyre. This is the first time a student from UNCP has been chosen to participate in this event.

Departmental Social
The department social honoring our graduating seniors was held on Wednesday, April 18. Special thanks should be extended to Shanna May Harrelson for planning the social, and to everyone who brought something. We had one of the best turnouts ever.
A Note to Our Graduates (Present and Past)

If you are a graduate of the UNCP department of chemistry and physics, we want to hear from you! Please contact Shanna Harrelson (maysm@uncp.edu) and let us know where you are and what you are doing.