

AC² NEWSLETTER

Director Nunes

Welcome to the 2012 – 2013 academic year at SUNY New Paltz. I hope you arrived at the campus full of energy for this new year as I have. I am particularly excited by a new course that I am teaching and about working as part of the team that will help to develop a strategic plan for SUNY New Paltz. I hope you are finding yourself excited about some of the new courses you are taking as well as the opportunities available to you as a member of the campus community. I invite you to join in at least one of the activities listed in this newsletter that we have scheduled for this fall. Already one group of students has worked to strengthen their calculus skills with Professor Barghi (Mathematics) during our calculus workshop and another group enjoyed a great hike up at Minnewaska where Professor Bartholomew (Geology) explained a bit about the surrounding geological formations and Professor Forestell (Astronomy) answered some questions about activities at the Smolen Observatory and the Planetarium. Surely, the fall potluck dinner is one event that should appeal to all; great food and great conversation so watch for the date. I look forward to seeing each of you some time soon. Remember, we are here for you!

“Save the Date: CTEP Conference April 12-14”

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Upcoming Activities

Wednesday September 26– Field trip to Wadsworth Center, Albany NY.

Also look out for:

**Annual Potluck
Engineering/Computer Science Alumni Panel with
Dutchess Community College
Conference for AMP students at Binghamton
University**

Reena DePaolo
Assistant Director

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Summer's over; it's back to school.

I hope you all enjoyed your break and are ready to get back in the classroom & lab. We had a very busy and productive start to the semester and I hope we can keep up the momentum. Keep an eye on your New Paltz email accounts & Blackboard for upcoming activities, including some collaboration with the Dutchess Community College CSTEP. And for those of you participating in research or activities related to your major/career please keep me in the loop and consider writing about those experiences for our newsletter or taking pictures/videos that we can share with our community.

New students should visit our Blackboard Information page to review the new requirements to become eligible and guidelines to receive semester book awards. Returning students may also want to review those guidelines. All students should periodically check our Blackboard Information page for research, internship and scholarship opportunities starting next month (though a few items have been posted already).

Fall hike at Minnewaska State Park



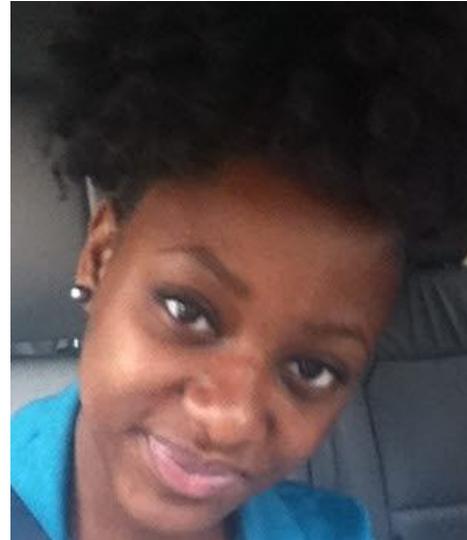
Summer Internship~ Rashidat Soetan

My name is Rashidat Soetan and I am currently a junior at SUNY New Paltz. I am a psychology major who is looking to go into the field of Physical Therapy. I felt the best way to get a head start on my future career is by getting some volunteer experience within the field. A lot of the Physical Therapy schools require that you have plenty of experience simply to make the transition into PT school a bit easier because you know what to expect.

This past summer my pastor recommended I go to Jamaica Physical Therapy, an outpatient center. It is located in Jamaica, Queens in New York City. I spent about five weeks there, two days a week because I was also taking summer courses at the time. The head therapist, Dr. Sam Olaogun, was very flexible with my schedule and made my time there run very smoothly. I would usually work on Mondays from 4:30 pm to 8:00 pm and Fridays from 9:00 am to 8:00 pm. The long Fridays were to ensure that I got as many hours as possible, which worked out great because I ended up with about 71.3 hours at the end of the summer. All the long tiring days were worth it.

Volunteering definitely confirmed that Physical Therapy is what I want to choose as a profession. Since I am not licensed as a Physical Therapist yet and had no prior experience in a PT office, I was a bit limited to what I could and could not do. My job was to simply bring materials to the Physical Therapist on duty. Materials such as hot packs and cold packs, electrodes, and supplies needed for the ultrasound and massage. I was given full access to view the electrical stimulation process and understand how it works. I was even able to remove hot and cold packs and electrodes from the patients once the treatment was complete. After patients were finished with their treatment, they were usually given a list of exercises to do. I was able to assist patients with their exercises and show them how to use the machines.

Overall I had a great experience at Jamaica Physical Therapy and learned a great deal of useful information. I met a lot of really nice patients who always had stories or words of advice. The only thing I would say I disliked was the distance of the office from my house and having a long commute. Other than that there is no reason that I wouldn't go back. Definitely a great environment to learn in!



2012 SUMMER RESEARCH PROGRAM ~ MARIA ORTIZ

My name is Maria Ortiz, I'm currently a sophomore at SUNY New Paltz and I'm a Biology major. My experience in the AMP/CSTEP Summer Research Program was simply delightful. Every aspect of the program was very pleasant. First of all, I was very pleased with the fact that everything went as described, the program was well organized.

The five weeks of the program working in the lab were very productive, I felt like there was something new to learn every day, and the project I worked on gave me the opportunity to apply the things I learned in class. It has made me appreciate more the material that is taught in lecture. I feel like now I'm more engaged in the material as well as more eager to learn. I had the pleasure to work with Dr. Maureen Morrow and she was simply amazing. I was very comfortable when I was working in the lab and I'm actually going to work with her this fall to continue with the project.

Aside from the lab experience I felt that this program not only gave me the opportunity to grow on a professional level but also on a personal level. I was living with a student from Dutchess Community College and I was awed with all the things we had in common even though we were from different backgrounds and cultures. I also enjoyed all of the activities that were planned for us to do as a group.

Previous to this program I never pictured myself working in a lab for so many hours and still wanting to be there. I feel like this is a program, that if given the opportunity to participate, anyone should do it because honestly the only thing that I didn't like was that it was only five weeks.



Jan Jaminai, Dr. Morrow, Maria Ortiz, Francy Hernandez

CONGRATULATIONS GRADUATES

December, 2011

Jayson Brito ~ Psychology Bridget Ezenwa ~ Psychology Teryn Gassler ~ Psychology

May 2012

Allison Bodden ~ Biology Roberto Cerrate ~ Electrical Engineering
Brittany Dennis ~ Psychology Yan Li ~ Biology Krystal Miller ~ Psychology
Angelica Morales ~ Sociology Crystal Okereke ~ Biology Alison Pletch ~ Chemistry,
Maridenia Soto ~ Psychology Gary Toussaint ~ Computer Science
Devon Walker ~ Computer Science



August 2012

Xia Weng ~ Asian Studies

Fall 2012 Book Award Recipients



Nichole Amador Brittany Askew
Julien Gago-Viel Alfonso Garcia
Velisha Guillaume Lucia Milla
Suzanna Musalin Maria Ortiz
Rashidat Soetan Ivan Vivar
Ranysha Ware

2012 Summer Research Program



Design and Performance Estimation of Lithium-Based Batteries

Dr. Baback Izadi, Electrical & Computer Engineering, Carlos Anglas & Zama Traore

Analysis of Ruthenium compounds for synergistic cytotoxicity

Dr. Maureen Morrow, Biology, Francy Hernandez, Jan Jaminal & Maria Ortiz

Use of Differential Scanning Fluorimetry to Identify Ligands of Human Nuclear Receptors

Dr. Jeffrey Reinking, Biology, Julien Gago-Viel & Berlini Narampanawe

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AMP/C-STEP Community

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