Engineering, Computer Science, Physics & Math Department

Computer engineering student returns from a 7-month internship at Intel Corp

Spring 2012 was unlike any other semester for senior engineering major Leo Wood. Through the assistance of ORU's ASME (American Society of Mechanical Engineers) chapter as well as the national SHPE (Society of Hispanic Professional Engineers), Leo was able to secure an internship position working within a microprocessor validation team at Intel in Phoenix, Arizona. Initial job requirements included Linux test development, checking signal integrity, and debug but soon grew to include work in emulation environments, teaching, design, and management. Toward the end of his co-op, Leo found himself responsible for spearheading several high-priority debug teams (special task forces) from all over the world. Content from courses such as Microprocessor Architecture as well as Electronics proved ineffably vital for his success in validation, but practical experience reigns as king in the real world. Leo recommends that all science and engineering majors should seek an internship (summer or semester) because the knowledge you gain sticks with you forever and the relationships you can develop are invaluable.

Biology and Chemistry Department

Just as the summer of 2012 was ending, the renovation of the Introductory Biology labs rapidly finalized, and as new incoming students entered the lab to initiate their scientific studies, the

finishing touches on the new first-floor window became the new entry into the Biology hallway.

While the window waits for the appearance of a new aquarium, ORU Biology and Chemistry students continue on their quest for excellence. Derek Afflu (with no small assistance from Dr. Joel Gaikwad) submitted his award-winning paper on antibiotic resistance to the journal *BIOS*. Giau Phan and John Powell spent the summer researching through the OU-SURE program while Victoria Reynolds and Caitlin Blose performed research with the TABER Consortium. Additional students participating in summer research internships included Cristabel Jaiyeola at the University of Chicago, Zoey Miranda at USC, and Opeoluwa Oyewole at the Au Sable Institute.

The Biology and Chemistry Department now offers the Environmental Sustainability major, which was previously housed in the ECPM department.

Health, Physical Education and Recreation Department

The Health, Physical Education and Recreation Department hooded a graduating class of 24 in May 2012. Graduating senior Kristina Simberg, majoring in Health and Exercise Science Pre-Physical Therapy, was named Outstanding Senior for the Year in the College of Science and Engineering. This fall, the HPER Department added two new adjunct faculty members to its ranks, Evan Blackburn and Deborah Skinstad. In addition, the department is currently developing a plan to begin the search process for filling the faculty position that will direct and advise the new Sports Management major and minor.

Behavioral Sciences Department

The Behavioral Sciences Department is excited to welcome all new and returning students in Psychology and Social Work. We are welcoming more than 80 new students on campus who have declared their majors in Behavioral Sciences. Summer renovations were very kind to the 2nd floor of the Graduate Center. We are excited about our new carpet and pit area.

The department held a new student welcome reception on Wednesday morning, August 15th. We enjoyed some refreshments and great conversations with both freshmen and transfer students coming into our department.

The faculty are ready to begin the new semester with some fresh technology ideas, as well. The IT department has implemented "Apple TV" in several classrooms. Dr. Connie Sjoberg and Dr. Andrea Walker are planning some innovative sessions utilizing this technology along with a cart of "iPads" for students to access during class. Be sure and come by and check on clubs and other upcoming events this year!