Computer Science Advisory Board

Annual Board Meeting
May 4, 2012

Department of Computer Science
College of Science and Health
Agenda

- 12:30pm – 1:15pm: Lunch
- 1:15pm – 1:25pm: Welcome Remark (Dr. Sandra DeYoung)
- 1:25pm – 1:40pm: Progress Report (Dr. Cyril S. Ku)
- 1:40pm – 2:10pm: Student Presentation
- 2:10pm – 2:20pm: Break
- 2:20pm – 2:50pm: Discussion: How Can We Attract More Female Students?
- 2:50pm – 3:20pm: Discussion: Fund Raising Ideas
- 3:20pm – 3:30pm: Department Tour
Progress Report

• **Computer Science New Home**
  • 8 faculty offices, a learning center, a research center, a department suite, an open computer lab, and a computer server room

• **More Computing Power**
  • Dell PowerEdge R410 for multiprocessing research
  • Dell PowerEdge R810 (coming soon) for license server and research in virtual and cloud computing

• **ABET Accreditation**
  • Re-accredited to 2014
  • Self-study report due in July 2013, visiting team comes in fall 2013

• **CS Major Enrollment (Fall Semesters)**
  • 2006 (121 students), 2007 (129 students), 2008 (117 students), 2009 (118 students), 2010 (144 students) – 2011 (172 students)
Progress Report (Cont’d)

• Course Development
  • UCC (University Core Curriculum) – 1 new Technology Intensive course (CS 1300); 1 Writing Intensive course (CS 3500)

• Program Development
  • New CIT major submitted and being revised
  • Did not use IT as suggested by some members of the Board

• CS Advisory Board
  • Capstone presentation meeting will be considered in the future

• Advisement
  • Freshmen (transfer students with less than 24 credits) are advised by the Advisement Center

• Faculty
  • New faculty (being hired); Retirement (Dr. Linda Kaufman)
Student Presentation

Thomas A. Giacchetti

After high school, joined the Air Force and deployed to Ramstein, Germany; Seeb, Oman, and Al Minhad, United Arab Emirates. Major operations included Operation Joint Forge (a NATO-led peacekeeping force in Bosnia and Herzegovina), Operation Northern Watch and Operation Southern Watch (no-fly zones over Iraq), and Operation Enduring Freedom (after 9/11 attacks).

After Iraq, stationed at Pope Air Force Base in North Carolina, as a Staff Sergeant and Non-Commissioned Officer in charge of the Information Protection Office. Obtained two Associate degrees from the Community College of the Air Force in Information Systems Technology and Avionic Systems Technology.

He will graduate from William Paterson University with a B.S. in Computer Science in May. He received the Omicron Omega Award for Excellence in Computer Science (graduating senior with the highest GPA) and inducted into UPE Computer Science Honor Society this year.
Discussion: How Can We Attract More Female CS Students?

- As of spring 2012, 13 female students out of 172 students (8%)
- WPU: 54% female, 46% male
- 2 outstanding students out of 13 female students
- Resources:
  - [http://www.wepan.org](http://www.wepan.org) (Women in Engineering ProActive Network)
  - [http://www.awis.org](http://www.awis.org) (Association for Women in Science)
  - [http://sites.nationalacademies.org](http://sites.nationalacademies.org) (Committee on Women in Science, Engineering, and Medicine)
  - [http://nova.wpunj.edu/wise](http://nova.wpunj.edu/wise) (Women in Science & Engineering at WPU)
Discussion Session: Fund Raising

- Ideas for Alumni Donation
  - Last year’s discussion: CS account – established
  - This year’s follow up: scholarship and professorship
THANK YOU