FALL 2005 GRADUATES

CONGRATULATIONS TO ALL OF OUR GRADUATES!

Bachelor of Science Degree:
Loren Carter
Joe-Glen Gittao
Matt Loper
Clay Bloodsworth
Edith Green
Kyressence Moses
Brad Wolfe
Kurt Brown
Jessica Washington

Master of Science Degree:
Mehul Aghera
Juandolyn Turner
Mathew Garner
Charles Ledford

Award Recipients
Outstanding Graduate:
Mathew Brandon Garner

Outstanding Undergraduate:
Kurt Elliot Ryan Brown

Outstanding Service to the School of Computer & Information Sciences:
Joe-Glen Gittao
On Monday, April 10, 2006, Dr. Wayne Summers, chairperson/professor of Computer Science at Columbus State University, gave a presentation entitled: **Cipher Machines - From Antiquity to the Enigma Machine**. In the presentation he discussed that more and more people worldwide are using the Internet for personal transactions. Many are transmitting personal data including credit card and identification numbers. This requires that a secure connection be established. This secure connection provides a mechanism for transmitting personal data in encrypted form so that others can not “read” the information. Encryption or encoding the data is not a new concept. “History is punctuated with codes. They have decided the outcomes of battles and led to the deaths of kings and queens.” [Singh, pg. x] This paper traced the history of machines for encryption from the earliest known encryption or cipher machines to the Enigma machine used in the first half of the 20th century.

Dr. Summers received a Ph.D. in Mathematical Sciences from the St. Louis University. His current research interests include Computer and Network Security.

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**UPSILON PI EPSILON**

Upsilon Pi Epsilon (UPE) hosted a Job Showcase on Wednesday, April 19, 2006. This year’s job showcase went very well. There were five employers represented. There were approximately 15 students who attended. The representatives collected resumes and conducted informal interviews. The students enjoyed being able to meet representatives from the organizations and ask questions about what they do in their jobs and what will be expected of them when they graduate.

The students who attended the job showcase were also eligible to enter a drawing for a **Gizmo 512 MB Flash Drive** that was donated by Barnett Computers. The winner of the drawing was William Walker, a senior Computer Science major from Cordele, GA.

The attendee’s were Ryan Stroyls from the **Georgia Department of Labor**, Susie Cooper, Cortisa Barthell, and Lawrence Chow from **ZAVATA**, John Nelson from **Coalescent Technologies**, Mike Barnett and Chris Dill from **Barnett Computer/Computer Business Services**, and Bill Bird from **Sumter Regional Hospital**.

Following the Job Showcase, the attendees, the CIS faculty, and other members of the Advisory Council held their semi-annual Advisory Council meeting during lunch.

To find out more information about UPE, or to join as an alumni member, please contact Karen Cook at (229) 931-2818 or kcook@canes.gsw.edu.

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**Alumni Survey**

In an effort to better understand how our programs prepare our graduates for entering the work force, we are asking that all of our alumni fill out an Alumni Survey. This information will allow us to assess our programs and make changes if needed to our current standards, policies, and procedures.

**We would greatly appreciate your input and comments.**

Please use the appropriate link below to fill out a survey:

Joao Paulo Cabral Clementi earned a Bachelor of Science degree in Computer Science during the Fall Semester 2001 and a Master of Science in Computer Science during the Spring Semester 2003. He is currently employed at Georgia Southwestern State University in the Web-i-Tech department as the Team Leader. As the Lead software developer Joao oversees the creation of software products from initial specifications on down to final rollout and maintenance. He also manages the software development cycle associated with producing a resilient software application, including: specification, design, coding, testing and maintenance. Joao has worked in this position for 3 years.

"My State, My Country" Presentation

Computer Majors Give Presentation about CHINA

On Tuesday, April 18, 2006, Fei Cheng and Yi Chen, both graduate computer science majors from China, gave a presentation about their home country. This was a very interesting and fun presentation. Topics they discussed were geography, language, culture, music and religion. The presenters also organized games that allowed attendee’s to learn more about China and the winners of each game won a prize!

NASA Grant Funds High-Tech Pursuits At GSW

U.S. Congressman Sanford Bishop (right) listens as Georgia Southwestern State University graduate student Brian Campbell demonstrates digital kiosk software being developed in the School of Computer and Information Sciences. With Bishop's support, GSW has received a $99,000 NASA grant to implement a new minority mentoring and scholarship program. The money will aid students pursuing science-based programs of study, and help the University develop a computer assisted academic counseling and student recruitment system. GSW is home to a software development center that contracts with leading national and international corporations including NCR and Motorola.
Motorola Corporation Project

During fall semester 2005 and spring semester 2006, the NCR Research Lab at the School of Computer and Information Sciences successfully completed the 2nd phase of a transactional self-service kiosk prototype funded by a $250,000 research grant from Motorola Corporation.

In this second phase of the project, CIS graduate and undergraduate students, faculty and staff contributed to the development of a completely functional prototype that allows consumers to shop for, purchase, pay for, dispense and set-up their own wireless telephone, via artificial intelligent assistance.

This prototype is to be demonstrated at the Motorola Tech Fair, in Schaumburg, IL in September 2006, and is predicted to be the star attraction of the fair. As a result of the successful completion of this project, the NCR Research Lab will be receiving, yet another, subsequent grant in order to further increase the level of artificial intelligence currently integrated with the self-service kiosk prototype.

DONATION INFORMATION

To make a tax deductible contribution to the School of Computer & Information Sciences and an “Investment in the Future”, go to the Alumni section of our newsletter on the web: http://cis.gsw.edu/home/