ON THE EDGE WITH CS & MATH

School of Computing & Mathematics

Triton Digital presents to GSW Majors

Mr. Rodney Martin, Human Resources Business Partner at Triton Digital, (Marietta, GA) met with GSW Computer Science & Information Technology students on April 17, 2013.

Mr. Martin discussed opportunities for employment at Triton Digital. Accompanying Mr. Martin was Ben Zhou, a former GSW Master’s in CS graduate student, who now works for Triton Digital.

Currently, two GSW students are employed by the organization.

Triton Digital is well pleased with the quality and abilities of GSW graduates and are interested in employing more of our graduates in the future.

(Pictured left to right: Ben Zhou, Boris Peltzverger, Rodney Martin)

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Congratulations Information Technology & Math Graduates!

Fall 2012

Master of Science
Johannes William Boesten (CS)
William Jason Ingram (CS)
Dennis Shane Sledge (CS)

Bachelor of Science
Derek Allen Abrams (Math)
Dominic Jared Davis (CS)
Kelvin Van Hawkins (CS)
Karrisa Patricia Lewis (Math)
Brandon Lee McNutt (CS)
Miranda Kiona Colbert (Math)

Spring 2013

Master of Science
Amee Mehul Aghera (CS)
Yu Hou (CS)
Huanhai Hu (CS)
Casey Logan Weaver (CS)
Cody Lane Weaver (CS)
Jiayan Xu (CS)
Ruitao Zhang (CS)

Bachelor of Science
Haibo Chen (CS)
Emily Rose Davis (IT)
Tyler William Gunnett (Math)
In Chan Hwang (CS)
Nouhoum Keita (IT)
Obioha Amara Ohayagha (CS)
Brittany Nicole Outler (CS)
Elizabeth Erin Tidwell (Math)
William Joshua VanLandingham (Math)
Kevin Anthony Vierling (Math)
John Mark Watford, Jr (Math)
Upsilon Pi Epsilon is an honor society whose membership consists of outstanding undergraduate and graduate students in Computing Science.

To be eligible for membership, undergraduate students must be at least a Junior or Senior with a minimum GPA of 3.0, or a graduate student with at least 18 hours and a minimum GPA of 3.5.

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

Coffee Mathema is an event that was created by the GSW Math Club and was sponsored by The School of Computing and Mathematics, in an effort to engage more and more students in mathematical activities.

Organized every first and the third Thursdays in the Fall and Spring Semesters, free coffee was provided and on each Coffee Mathema day, a puzzle would be given to solve. The winner was awarded with a prize of $25.00

On April 13, 2013, Mrs. Karen Cook took the Computer Club on a field trip to the IT Department at Phoebe Sumter Medical Center in Americus, GA. Ross Youngdale, (IT Director) gave students a tour of their state-of-the-art facility and answered questions. Students said it was a very informative field trip.
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:

- Bachelor of Science degrees: [http://gsw.edu/Assets/SchoolofComputingandMath/files/Alumni_undergraduate.pdf](http://gsw.edu/Assets/SchoolofComputingandMath/files/Alumni_undergraduate.pdf)
- Master of Science degrees: [http://gsw.edu/Assets/SchoolofComputingandMath/files/Alumni_graduate.pdf](http://gsw.edu/Assets/SchoolofComputingandMath/files/Alumni_graduate.pdf)

“My State, My Country” Presentation

Two “My State, My Country” presentations were given this semester. The first one on Wednesday, April 17, 2013. **Chadwick Gugg & Tom Weiland** gave a presentation about their recent visit to Nicaragua.

Then, on Monday, April 22, 2013, **Briauna Anglin & Maia Jasper** gave a presentation about their home state of Georgia. Both presentations were very interesting and informational. Some topics discussed in both presentations were art, language, culture, traditions, and religion.

New Options In Mathematics

Mathematics is pleased to announce two new options for students. In the fall of 2013 we start the B.S. in Mathematics with Option in Financial Engineering, and the B.S. in Mathematics with Option in Computational Science and Engineering.

Both of these Options are designed to prepare students for graduate work in their respective areas. Financial Engineering is concerned with the mathematics needed to design financial instruments like derivatives, used to optimize portfolios and hedge against risk. Computational Science and Engineering deals with the mathematics used in research and development, to design sophisticated systems, from automobiles to advanced weaponry.

In the spring of 2014, the department also plans to introduce a third Option: B.S. in Mathematics with Option in Actuarial Mathematics. This deals with the mathematics used to minimize risk and optimize return in the construction of insurance, annuities, retirement funds, and health care programs.

All three Options should give our students valuable insight and training in areas which promise good, well paying careers in applied mathematics.
39th Annual High School Math Tournament

Over 400 Georgia High School Students Participate at 39th Annual GSW Math Tournament

High school students from all over Georgia squared off Friday, Jan. 25 at Georgia Southwestern State University (GSW) to put their math skills to the test. The School of Computing and Mathematics at GSW held its 39th annual mathematics tournament. Sponsored by the AT&T Foundation, the competition is a qualifier for the state math tournament. Teams from 45 high schools competed in the written and ciphering problem-solving portions. In all, over 422 students competed in the event. Winners were recognized in six Georgia High School Association (GHSA) divisions and two Georgia Independent School Association (GISA) divisions. First place in the team competition was awarded to First Presbyterian Day School (GHSA-A), Calhoun High School (GHSA-AA), Oconee County High School (GHSA-AAA), Columbus High School (GHSA-AAAA), Creekview High School (GHSA-AAAAA), Rockdale Magnet School (GHSA-AAAAAA), Brandon Hall School (GISA-AA) and Tattnall Square Academy (GISA-AAA). Locally, Americus-Sumter High School (GHSA-AAAA) won second place, and Schley County High School (GHSA-A) and Southland Academy (GISA-AAA) won third place.

2013 Junior Mathematics Tournament

430 Junior High Students Compete at 2nd Annual GSW Junior Math Tournament

Hundreds of junior high students squared off Saturday, April 6 at Georgia Southwestern State University (GSW) to put their math skills to the test. The School of Computing and Mathematics at GSW held its 2nd annual junior mathematics tournament. Sponsored by the AT&T Foundation, the competition attracts dozens of schools each year. In all, 430 students competed in the event. Individual winners were recognized in grades 3-8. Five students from each grade were awarded.

Winners were Melly Pollock, LK Moss Elementary (3rd grade); Donovan Shepard, Southwestern Elementary School (4th grade); Joy Charles, Sumter County Elementary School (5th grade); Wilfredo Veil, Marion County Middle School (6th grade); Dalton Ford, Tattnall Square Academy (7th grade); and Emily Mixon, Tattnall Square Academy (8th grade).

In January, GSW hosted its 39th annual high school math tournament – a qualifier for the state math tournament. Teams from 45 high schools competed in the written and ciphering problem-solving portions. Over 422 students competed in that event.

For additional information about GSW math tournaments, call (229) 931-7350.