On May 26, 2015, we said farewell to two very valuable Faculty members of the School of Computing & Mathematics.

Dr. John Stroyls (right), Department Chairman of Mathematics and Associate Professor, retired after 26 years at GSW.

Dr. Arvind Shah (left), Department Chairman of Computer Science and Professor, retired after 18 years at GSW.

Both Dr. Stroyls & Dr. Shah plan to spend more time with family and travel. They will both leave big shoes to fill and will be truly missed!

We wish them all the best!

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Fall 2014 / Spring 2015

Congratulations Computer Science, Information Technology, and Math Graduates!

**Bachelor of Science in Computer Science**
- George Jonathon Banketas, II
- Joshua Andrew Carpenter
- James Corey Lamb
- Reginald S. Miles
- Jonas Benjamin Thomas

**Bachelor of Science in Information Technology**
- Roseline Chikaeze Nwaubani
- Trevor Ryan Sellers
- Reyanna Patrice Williams

**Master of Science in Computer Science**
- Abdullah Abdulhadi Alshehry
- Sachin Banga
- Fredrick Antione Glenn
- Lori Sue Harmist
- Naresh Ram Jagtiani
- Joni Marie Johnson
- Nouhoum Keita

**Bachelor of Science in Computer Science**
- Vivek Joseph Ballarapu
- Robert Alfred Brown
- Thomas Judson Davis
- Yacouba Keita
- Christopher Todd Law
- Kyle James Sawyer
- Jarvis J Smith
- Robert Smith
- Cody Dean Wright

**Bachelor of Science in Information Technology**
- Christopher Shane Knighton
- Sachin Himanshu Mehta
- Andrew Melton Palmer, III
- Sandip Jitendrakumar Patel
- Ishan Kamlesh Saverdekar

**Bachelor of Science in Computer Science**
- Tatiana Baeva
- Andrea Colwell Ingram
- Venkatesh Pashikanti
- Nidhi Ravindra Singh

**Bachelor of Science Math/Teacher Certification**
- Prabhu Dutt Nihar Dwaram
- Kelly R Dekle

**Graduate Certificate in Computer Science**
- John Elie Etienne
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 karen.cook@gsw.edu.
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

Master of Science degrees: http://gsw.edu/Assets/SchoolofComputingandMath/files/Alumni_graduate.pdf

“My State, My Country” Presentation

On Monday, April 20, 2015, Vivek Ballarapu gave a presentation about his home country of the INDIA. This was a very interesting presentation. Some topics discussed were art, language, culture, traditions, and religion.

Taylor Presents

Dr. Raymond Tylor was invited to GSW as Chair of the External Review Committee for the Mathematics Program. He kindly agreed to make a presentation for students, faculty, and local businesses. The topic of the presentation, Introduction to Big Data Analytics, was very trendy. “Big data usually includes data sets with sizes beyond the ability of commonly used software tools to capture, curate, manage, and process data within a tolerable elapsed time. Big data "size" is a constantly moving target, as of 2012 ranging from a few dozen terabytes to many petabytes of data. Big data is a set of techniques and technologies that require new forms of integration to uncover large hidden values from large datasets that are diverse, complex, and of a massive scale.” [https://en.wikipedia.org/wiki/Big_data]

More and more businesses understand the value of numbers in improving their productions and services. Science is a producer of big data as well. The Big data job market looks great, but requires graduates, who have good skills in both mathematics and computer science. More than 50 people attended the presentations.

As Director of Analytics for Maine’s Department of Health and Human Services, Dr. Taylor directly supervises the analytics team in the Office of Continuous Quality Improvements, and he collaborates with and advises the analytical work of about ten of the department’s constituent organizations.
Summer Camp 2015

The School of Computing and Mathematics organized a 2015 Math and Computing summer camp for middle grade students from local schools. The camp was held at GSW from 9:00 A.M. to 4:00 P.M., Monday through Friday, June 15 to June 26. The camp focused on computer programming, puzzle-based learning, and logic. Students were able to share their common love of learning with each other.

Eight bright and hard-working students, five boys and three girls, participated in the inaugural Math and Computing camp: 3 from Sumter county schools, 3 from Lee county schools, and 2 from Schley county schools.

Camp participants completed 20 hours of computer programming and 40 hours of logic and puzzle-based learning. Puzzles focused on critical and creative thinking. Projects included forming 4 equilateral triangles out of 6 rods of equal length and determining how to place 8 non-attacking queens on a chessboard.

The camp was mentored by Dr. Simon Baev (Computer Science), Dr. Kailash Ghimire (Mathematics) and Dr. Chadwick Gugg (Mathematics). Events culminated on June 26 with student presentations to parents. Partial support for the camp was provided by grants from AT&T and Georgia Power.