Professional Development

So many of our dreams first seem improbable, then improbable, then impossible, then they soon become inevitable.

—Christopher Reece

Upcoming Events...

- Department meeting every third Tuesday of the month at 4:00 PM
- ASCE students will travel to the National Convention in Kansas City, Missouri in October
- PRISM Program Seminar—November 5th, at 4pm STEM Center

Student Organization News...

- NSBE General Body Meeting Oct 1st & 15; Nov 5th & 19th
- NSBE Week—November 09th-13th
- NSBE ICD Report Due—November 22nd

Points to Consider

- Make sure to meet with your advisors monthly
- Check your SSU email & Facebook account regularly for important updates
- Pre-register for classes for the next semester
- Graduate applications should be turned in TWO semesters before graduation

Welcome Freshman...

Hello Engineering Technology and GTREP students of SSU. We in the Engineering Technology & Mathematics Department have been working on ways to connect with you and to keep you updated on information that is important to your academic tenure. We constantly strive to foster a learning environment that will enable you to reach your highest potential. The students, faculty, and staff of the Engineering Technology department are a family and we encourage the strengthening of our connection and bond.

In efforts to connect with you, we have taken it upon ourselves to join Facebook. We strongly encourage each one of you to log into Facebook. We strongly encourage each one of you to log into Facebook and search for “ssu engineering technology” and become a fan. You will be able to find information related to department classes, faculty, meetings, summer camps, events, and scholarships. Please check the page frequently and feel free to sign the wall or send us a message from our Facebook page if you have any questions.

Best Regards,
Dr. Jonathan Lambright

Message from the Department Chair...

Dr. Dunn has recently joined the Savannah State University faculty as Professor of Engineering Technology and Mathematics at Savannah State University. Dr. Dunn previously served as Professor and Chairperson of the Department of Electronics, Computer, and Information Technology in the School of Technology at North Carolina A & T State University. While there, he taught courses in Wireless Communication Systems, Wireless Local Area Networks, Telecommunication Management, Global Positioning Systems, and Optical Systems.

Dr. Dunn received Bachelor of Science Degrees in Electrical Engineering and in Mathematics from North Carolina A & T State University. He received Master of Science Degrees in Electrical Engineering and in Mathematics. He received a Doctor of Philosophy in Electrical Engineering Degree from Virginia Polytechnic Institute and State University.

Dr. Dunn brings nearly eleven years of experience in teaching and research on best practices for student learning and learning at a distance, as well as international experience on the use of distance education in technology and engineering. Dr. Dunn has also taught online courses as a part of the B.S. in the Electronics Technology program and the M.S. in Information Technology Program at North Carolina A & T State University.
HIGHLIGHTS

STEM 360 Summer Camp 2009

In collaboration with the NSF BEEM Project, Savannah State University’s STEM 360 Title III funded program conducted three non-residential, one week summer camps for 7th-10th graders. Fifty-seven students from a total of nineteen local and regional middle and high schools were served. Participants received a $100.00 stipend for completing the week. The three camps were facilitated by Mrs. Wanda Hopkins and Mrs. Vannie Walker. Mrs. Hopkins and Mrs. Walker are veteran Savannah-Chatham County School teachers. Mr. Corvell Houston and Mr. Adam Watts, two SSU Civil Engineering Majors whom served as the camp counselors, assisted them.

During these three weeks students were exposed to Engineering, Marine Science, Chemistry and Environmental Science. Participants worked in groups to complete the following major activities: building model airplanes from Balsa wood, fishing to catch shrimp and plankton, working a “Crime Scene Investigation,” building an air-balloon powered rocket-mobile, as well as other exciting lab experiments.

The following SSU COST Faculty provided workshops for the SSU 2009 STEM 360 Summer Camps:

- Dr. Andreou Spyros—Engineering
- Dr. Kenneth Salwan—Environmental Science
- Dr. Hyounkyun Oh—Mathematics
- Dr. Karla-Sue Marriott—Chemistry

Savannah State University’s STEM 360 also conducted a three week residential enrichment session for entering freshmen into the SSU College of Science and Technology. Twenty-eight SSU fall ’09 freshmen participated in enrichment classes which focused on college math, science, and chemistry. The following SSU faculty provided instruction: Dr. Cecil Jones (Chemistry), Dr. Johnny Johnson (Biology) and Dr. Mulata Lemma (Mathematics). Kanesha Gray, Khrystyn Owens, Terrary Thurmond, Billy Stubbs and Samuel Williams, (SSU students) served as tutor/mentors.

Participants received a stipend, in collaboration with the SSU MAGEC-STEM Program. Special thanks to Dr. Chellu Chetty and the MAGEC-STEM Program for their role in providing funds to assist with the STEM 360 Summer Enrichment Session for SSU fall ’09 freshmen.

The Department of Engineering Technology would like to congratulate our recent graduates who have successfully passed the Engineer In Training (EIT) Exam. Graduates must complete this exam to become engineers. These scholars are graduates of the Civil Engineering Technology Program.

Jonathan Eady has taken a position with Building and Earth Science Incorporated here in Savannah, GA. Alex Alakai is a designer for Thomas and Hutton Engineering Company in Savannah, GA. Glen E. Foster has completed both the Engineer in Training Exam and the Professional Engineer (PE) Exam. Foster is the branch chief for M & R Laboratory.

The scholars from the DoE-MSEIP, NSF-GK-12 & EDGE, PSLAMP and MAGEC-STEM, NOAA-LMRSC, GIS, & ORAU-FSBP, along with their parents were acknowledged. President Yarbrough and Dr. Wyatt both addressed the scholars.

Dr. Ernst Brothers, Executive Director of PSLAMP at the University of GA, served as the guest speaker. Dr. Brothers gave a compelling speech encouraging students to be diligent in their studies because they are expected to be “the next generation of scholars in the STEM disciplines and the next catalyst for change.”

Dr. Brothers closed his speech by encouraging students to pursue graduate studies upon graduation and to consider the Bridge-to-Doctor Program.

Congratulations scholars and we wish you continued success!

The program aims to establish a structure that fosters the nurturing and development of highly competent, competitive and well-qualified minority scientists, technologists, engineers, and mathematicians. This program is funded by the National Science Foundation and has recruited 20 freshmen (Cohort IV) who intend to pursue a major in STEM disciplines at Savannah State University. These students have participated in the pre-freshman enrichment program in summer 2009 supported by the Title III sub-activity: STEM 360 and the MAGEC-STEM programs.

Some of the current graduates of this program have further aspirations of obtaining a master’s degree in mathematics, joining a professional therapy graduate program, study chemistry and more.

As an update to the current MAGEC-STEM Program, Savannah State University (SSU) has been awarded a 5-year grant (September 2009 to August 2014) with a $2 million budget by the National Science Foundation (NSF) through Historically Black Colleges and Universities Undergraduate Program (HBCU-UP). SSU’s MAGEC-STEM Plus program will further strengthen the culture of STEM excellence that was established during the phase I by further expanding and deepening our outreach, teaching, and mentoring activities through the following three objectives: 1) Curricular Development, Revision and Enhancement Reform, 2) Expand- ing Pathways for Undergraduate Recruitment, Enrichment, Retention and Research Experience, and 3) Strengthening the Faculty Development Activities.

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Highlights of the DoE-MSEIP, NSF-GK-12 & EDGE, PSLAMP and MAGEC-STEM, NOAA- LM RSC, GIS & ORAU-FSBP program were facilitated by Mrs. Wanda Hopkins and Mrs. Vannie Walker. Mrs. Hopkins and Mrs. Walker are veteran Savannah-Chatham County School teachers. Mr. Corvell Houston and Mr. Adam Watts, two SSU Civil Engineering Majors whom served as the camp counselors, assisted them.

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