Welcome to the Spring Semester of 2009. We encourage each Alumni Member to stay in tune to the exciting things happening at KSU!
Last semester **The Career Services Center at KSU** hosted an extremely successful Employer Showcase for the College of Science and Mathematics. This semester there are a wide range of events (please see below), including another Employer Showcase for our college. If you or your employer are interested in showcasing your company, and/or providing employment opportunities for our students, please contact the Career Center. Alternatively, if you are currently in the market for a new position, please feel free to contact the Career Center and attend any of the upcoming events. Your Career Advisor is Pauline Jones. Her e-mail address is pjones@kennesaw.edu and the telephone number for The Career Services Center is (770) 423-6555.

The **Spring Career Fair** was held on February 17, 2009 from 12:00pm-4:00pm in the Student Center.

The **Nonprofit & Government Fair** will be held on March 26, 2009 from 11:00am - 3:00pm in the Student Center, University Rooms A - E.

**Emory University** will be hosting a career fair on March 27th from 9:00am - 4:00pm. Further information can be obtained at www.emory.jobs. They are targeting Chemistry & Biochemistry majors among others.

The **Employer Showcase for the College of Science & Mathematics** will be held on April 2, 2009 from 12:00pm - 3:00pm in the Student Center, University Rooms A - E.

**Companies who have previously participated are:**

**Other services provided by Career Services at KSU**

- Cover letter help
- Resume Assistance
- Practice Interviews
- OnLine Career Portfolio
- Experiential Education
- Co-ops and Internships
- OnLine Job Postings
- On-Campus Recruiting
The **Southeastern Regional Meeting of the American Chemical Society** (SERMACS) is one of several regional meetings organized by American Chemical Society Local Sections throughout the country. The Fall 2008 meeting November 12-15 at Music City Sheraton Hotel in Nashville, TN offered symposia ranging from Nanostructures in Polymer Science to Patent Law to Green Chemistry Opportunities. Workshops, including several focusing on the timely area of career development, as well as two days of oral and poster presentations were offered. Assistant Professor, Dr. Jonathan McMurry, and student, Mr. Lewis Kraft, made oral presentations and six students, (pictured below) Adam Chadwick, Carl Saint-Louis, Kikky Keer, Chris Wood, Brandon Huskins, and Lewis Kraft presented posters. The research presented from KSU was diverse, indicating the breadth of expertise found among the faculty.

**Presentations at SERMACS**

- **Identification of Cyclized Intermediate Demonstrates Autocatalytic Cleavage of Salmonella FlhB**, Jonathan L. McMurry, Ph. D
- **Development of a Competition Binding Assay for Quantitation of Digoxin Using Biolayer Interferometry**, Lewis J. Kraft, J. Kenneth Staples, and Jonathan L. McMurry, Ph. D
- **A New Polycyclic Aromatic Imidazol-2-Thione and Its Metal Complexes**, Daniela Tapu, Ph. D, and Adam Chadwick
- **Development of a New Polycyclic Aromatic Carbene Ligand for Transition Metals**, Daniela Tapu, Ph. D, Clay Owens and Carl Saint-Louis
- **Synthesis and analysis of a series of zinc(II) diphenylpyrazolylmethane complexes**, Janet L. Shaw, Ph. D, Kevin P. Gwaltney, Ph. D and Nikky Keer
- **The Structure and Dynamics of H_7O^{3+} and H_9O^{4+} Hydrated Ions**, Chris A. Wood and Martina Kaledin, Ph. D
Psychedelic Mushrooms in Chocolate: Incorporating Current Events into the Undergraduate Teaching Laboratory, Brandon Huskins and Christopher R. Dockery, Ph. D

SERMACS 2009 is October 21 – 24, 2009 in San Juan, Puerto Rico so start making plans today!

1,4-Butanediol in Toys: Incorporating Current Events into the Undergraduate Teaching Laboratory, Jonathan D. Parker, Amber Monis, and Christopher R. Dockery, Ph. D

Dr. Koether was recently awarded a tenured faculty full-paid leave to write a textbook on Quantitative Pharmaceutical Chemistry. She will do this in Spring 2010.

Dr. Koether was recently awarded a grant from the Camille and Henry Dreyfus Foundation Special Grant Program in the Chemical Sciences. She will be purchasing a dissolution tester which is used in the pharmaceutical industry to create dissolution profiles of drugs.

Congratulations!
Dr. Marina Koether
The rapid growth in enrollment in all of our science and mathematics degree programs and their strategic importance in the education of all students mandate the need for new instructional labs. To meet this need, KSU has proposed, and the Board of Regents approved, a new science lab addition.

The proposed laboratory facility is critical for the college to effectively train our graduates for success 21st century, permit students to pursue applied research endeavors in conjunction with their faculty mentors, and support Georgia’s rapidly growing biomedical and biotechnology industries.

We need and seek your support to secure the $2 million of additional funding needed to build state-of-the-art facilities to help us meet our strategic laboratory needs and those of more than 2,000 biology and chemistry students.

The $21 million science lab addition will be a four-story structure with 54,000 square feet of space, located adjacent to the current science building. Housing 14 instructional labs and 12 project and research labs, this state-of-the-art facility will enable expanded faculty and student collaboration on research projects, allow for specific experimentation and provide more individualized instruction in an environmentally safe and secure setting.

New technologies incorporated into the building’s design will broaden teaching methods and increase student opportunities to enhance scientific exploration skills.

We seek the support of individuals, business leaders and philanthropists who want to have a powerful impact through a partnership with Kennesaw State University.

For more information, please contact:

Bob Wise
Director of Development
University Development
1000 Chastain Road
MD 9102 Kennesaw, GA 30144
678-797-2526
A Word To Our Alumni

Seminars

February 26, 2009 - KSU Faculty member, Dr. Nikolaos Kidonakis - “Particle Physics and Hadron Collider”

A brief introduction to the Standard Model of Particle Physics and a short historical overview of accelerators and colliders will be presented. Details were given about the Large Hadron Collider at CERN, the European laboratory for Particle Physics, along with discussion about the motivations and expectations for experiments to be performed there.

March 24, 2009 - GA Tech Faculty member Dr. Loren Williams - “RNA: Still Folding After All These Billions of Years”

The ribosome, which synthesizes protein in all living systems, is one of life’s most ancient molecular machines. Recently our understanding of the ribosome has been dramatically advanced by the determination of high-resolution three-dimensional structures from remote regions of the evolutionary tree. We will discuss results of our structural bioinformatics methods that dissect ribosomal structures and allow us to test chronologies of ancient ribosomal evolution.

April 14, 2009 - President and Founder of SpectrEcology, Dr. Michael Morris - To be announced.

We welcome you to KSU and hope that you will join with us for this exciting series of discussions!

Alumni Comments

News from alumni...

Dustin French graduated in 2008, is now applying to Medical Schools.
Matthew Rosenberg graduated in 2008 is now a grad student at Western Carolina.
Caroline Cushman graduated in 2007, is now teaching school in Canton, GA.
Michael East graduated in 2007, is now a grad student at Emory University.
Nick Patel graduated in 2007, is now working as a Technical Service Engineer/Chemist at Atotech.
Laura Brooks graduated in 2006, now works in Pharmaceutical Sales at Takeda Pharmaceuticals.
Allen Stokes graduated in 2006, now is a medical student at Mercer.
John Cagle graduated in 2005, is now attending Medical School at GA-PCOM.
Kim Kellett Arrowood graduated in 2005, is working as a grad assistant at GA Tech.
Angela Carmack graduated in 2005, is now working as a Senior Lab Technician at Cytec Industries.
Nicholas Marshall graduated in 2004, is now a grad student at UGA.
Ikenna Okpareke graduated in 2004, is now a Resident in the Department of Anesthesiology and Critical Care, at the University of Chicago Hospitals.
Guillermo Ramirez graduated in 1984 is now working as a Facility Manager for Ashland, Inc.