The J. William Fulbright College of Arts and Sciences held its spring commencement ceremony May 11, 2013 in Bud Walton Arena. The names and degrees for undergraduates will be announced in the department as soon as the list is released. Master’s level students included Brett Spahn, Eric Taylor, and Osman Uner. Students receiving the Ph.D. are Evgenia Akhmetova, Elizabeth Emerson, Roland Njabon, Juliette Rivero-Castro, Maha Shrestha, Samrat Thapa, and Roger Williams. Congratulations!

Spring Commencement - 2013

Special points of interest:

- Honors Night
- Zheng gets CAREER award
- Barnett receives Fulbright grant
- Students defend, pass cumes
- Fulbright IT has a security tip

Inside this issue:

Faculty News 2

Student News 3

News from Fulbright IT 3

Library Hours 4
On the Go

Ingrid Fritsch was an invited Key Note Speaker at The International Symposium on Electromagnetic Flow Control in Metallurgy, Crystal Growth, and Electrochemistry at the Technische Universität Dresden in Dresden, Germany, March 25-27, 2013. The title of her talk was “Redox-Magnetohydrodynamic Microfluidics.”

Christena Nash and Ingrid Fritsch, Redox-Magnetohydrodynamic Pumping and Stirring with PEDOT-Modified Electrodes. 245th ACS Meeting, New Orleans, LA, April 7-11, 2013.


Jes Sanders and Dawn Weir will be participating in the Okayama University Medical Research Exchange Program. They will spend 3 months in Okayama, Japan researching in Osamu Matsushita’s lab and participating in anatomy and bacteriology classes. Both are recipients of Honors Travel grants.


Publications


Stites Serves on Army Science Board

The Army Science Board (ASB) is a Federal Advisory Committee organized under the Federal Advisory Committee Act. It is the Dept. of the Army senior scientific advisory body that was chartered in 1977 to replace the Army Scientific Advisory Panel. The ASB advises and makes recommendations to the Secretary of the Army, the Chief of Staff of the Army, the Asst. Secretary of the Army for Acquisition, Logistics and Technology, the army staff, and major Army commanders on scientific and technological matters of concern to the Army. Wes Stites is in his second year of a study on the future of Army Science & Technology. He is a vice-chair of the study with lead responsibility for examining S&T efforts that are related to the PEO (Program Executive Office) Chemical and Biological Defense, Soldier, and Simulation, Training, and Instrumentation. (cont. on page 3)
Heyes Hosts Workshop

As part of his NSF CAREER grant, Colin Heyes hosted a 2-233k workshop (May 20-May 31) for undergraduates coming to his lab and performing recently published experiments on his fluorescence Correlation Spectroscopy, Microfluidic Devices, Fluorescence Resonance Energy Transfer, Fluorescence Lifetime Imaging, Quantum Dot Synthesis and Transmission Electron Microscopy. Participating students were Dillon Clayton (Arkansas Baptist College), Elrin Williams (Arkansas Baptist College), Yoonsang Sam Hahn (The Ohio State University), Summer Laffoon (Arkansas Tech University), and Marissa Reynolds (Arkansas Tech University). Their time spent here was not all work. They were also treated to a trip to see Crystal Bridges Museum and the travelling Norman Rockwell exhibit.

Above: Dillon, Elrin, and Yoon-sang at the microscope.

Right: The Heyes group at Crystal Bridges. From Left to Right: Elrin Williams, Colin Heyes, Marissa Reynolds, Dillon Clayton, Ashley Howard, Yoon-sang Hahn, Collette Robinson, Benard Omogo, and Feng Wang. Summer Laffoon is not pictured.

Stites (cont’d. from p. 2)

In the last 6 months, Stites has made numerous trips to Washington DC. More recently, he has been to TRADOC, (Training and Doctrine Command, Ft. Eustis), US Southern Command (Miami, FL), USPEO Soldier (Ft. Belvoir), Natick Soldier Systems Center, Army Research Laboratory, Edgewood Chemical Biological Center, US Army Medical Research Institute for Chemical Defense, and JPEO Chemical Biological Defense (all at Aberdeen Proving Grounds), US Army Medical Research Institute for Infectious Disease, Army Medical Research and Material Command, and National Biodefense Analysis and Countermeasures Center (all at Ft. Detrick).

While at Aberdeen he got to briefly see one of our recent graduates, Dr. Jeff Havens, now Capt. Havens, assigned to the US Army Medical Research Inst. for Chemical Defense. At Ft. Detrick, he saw Dr. Jeff Froude (Capt.), assigned to the US Army Medical Research Institute for Infectious Disease. Both report doing well.

The board has interviewed dozens of military and civilian personnel in the Army and other services. It has been an amazing experience and a big responsibility. The ASB will meet in Ft. Carson in July to write their final report. It will be briefed to the Secretary of the Army and other senior Army leaders in September.

Annual Department Canoe Trip

Canoes were launched at Steele Creek, and lunch was eaten at Big Bluff. The weather was perfect, in the middle 80s, and the river was a bit low, but canoe-able. There was great swimming at Jim Bluff, and showers under Hemmed-in-Hollow Falls. After some excitement canoeing through Hell’s Half Acre and Grey Rock, the trip concluded at Kyle’s Landing. The distance on the river was about 7.7 miles.
Excellence in the Central Science

Quick Security Tips from IT

Are you travelling this summer? Are you taking your laptop or mobile device (or both) along with you? Here are some useful steps for securing your technology before traveling to promote an enjoyable time away with reduced technical headaches.

1. Don’t forget to perform a backup of any and all important data to trusted storage media in a separate location.
2. Enable and remember strong passwords or passcodes on all devices.
3. Safeguard any and all accounts and passwords you’ll need to use while traveling.
4. Physically safeguard any and all technology at all times to avoid theft, loss, and/or damage.
5. Make sure to fully update the operating systems, antivirus, and other installed software to help virtually protect the machine on public networks.
6. Use safe browsing practices when on public networks.
7. When conducting university business, ALWAYS use the campus VPN to reach UARK resources to heighten network security.

Other critical steps to protect your computer:
1. Make sure to use the appropriate current antivirus software provided by the UA.
2. Make sure your Windows, Apple, or Linux systems are fully patched.
3. Ask your tech support for assistance on Fulbright owned machines. We can assist you before you leave and many times, we can assist or advise while you’re away. arscsup@uark.edu, 479-575-7512.
4. Always keep your account(s) and password(s) safeguarded!

In other news, Chris Clanton and Sean O’Bryan attended the Managerial Leadership Series through Walton College ALPHA Institute.
Two of the hourly IT staff received their bachelor’s degrees on Saturday, May 11. Devin Haughey earned a BA in German. He is furthering his education and plans to earn a BA in Computer Science in Dec. 2013. Ronesha Sharma earned her BS in Business Administration in Information Systems from the WCOB.
Both graduates will continue working for the Fulbright IT office for now as they each navigate this new phase of their lives. Please congratulate them if you see them! We’re very proud of their achievements and immense hard work.

Safety Tip: by Bill Durham

The long standing MSDS is being replaced by SDS; same idea but with more uniformity.

Calendar of Events

June
- 16 Father’s Day
- 21 First Day of Summer
- 30 Annual Academic Review form due in Grad School for all Grad students

Library Hours

CHBC Library (CHEM 225)
http://libinfo.uark.edu/chemistry
575-2557

Summer Semester Hours, June 2013—July 2013

Monday—Thursday  8 a.m.–6 p.m.
Friday             8 a.m.–5 p.m.
Saturday—Sunday   Closed

The chemistry and biochemistry library resources can be accessed in the following LibGuides: http://uark.libguides.com/content.php?pid=110953 &sid=1057466.