University and Distinguished Professors Honored

On Wednesday, September 19, Chancellor Gearhart and Provost Gaber hosted a dinner at the Alumni House to honor the University and Distinguished Professors of the University of Arkansas. Each was awarded a medalion that is to be worn with academic regalia. Attending the dinner were University Professors Luﬁ Salis bury and Bill Durham, and Distinguished Professors Bob Gawley, Peter Pulay and Charles Wilkins. University Professor Jim Hinton and Distinguished Professors Roger Koepppe and Frank Millett were unable to attend the dinner. Seven of the Department’s 24 faculty hold these ranks.

Appointment as University Professor is a special honor conferred only upon active faculty in recognition of an extended period of exemplary service in a spirit of collegiality to the University of Arkansas and a combination of service in their profession and to the public through their professional activities. In order to achieve this distinction, faculty members must, in addition to having an extended period of documented exemplary service to the University of Arkansas, have gained wide recognition at the national or international level for their sustained excellence in service, teaching, research or creative activity germane to their respective disciplines and academic roles while serving as a member of the faculty of the U of A. Eligibility for designation as University Professor is limited to active tenured faculty who hold the rank of professor.

Appointment as Distinguished Professor at the University of Arkansas is a special distinction that is reserved for those individuals who are recognized nationally and/or internationally as intellectual leaders in their academic disciplines as a result of extraordinary accomplishments in research, teaching, published works, creative activities in the arts or endeavors of similar merit in other venues. Individuals may have gained such distinction at this university, another university or other venues. Appointment as Distinguished Professor shall only occur when clear indication exists that an individual so appointed will continue to provide exemplary academic and intellectual leadership and continue his or her professional activities in such a way as to maintain national and international recognition and a commensurate level of accomplishment. Eligibility for designation as Distinguished Professor is limited to active tenured faculty who hold the rank of Professor, the title University Professor, or incoming faculty who will be awarded tenure and who hold credentials of similar merit from another university or other venues.
Faculty News

On the Go


Frank Millett presented a poster, “Ruthenium Photoinitiation of Electron Transfer in the Rp. Sphaeroides Cytochrome bc1 Complex: Rotational Dynamics of the Iron-sulfur Protein, Diffusion of Quinone between the Qo and Qi Sites, and Linkage between the Two Monomers” at the 17th European Bioenergetics Conference in Freiburg, Germany Sept. 15-20, 2012. Other authors include Jeffrey Havens, Quan Yuan, Shaoqing Yang, Chang-An Yu, Linda Yu, and Bill Durham.


Julie Stenken presented a talk, “Quantifying Biomarker and Protein Responses during Tissue Reactions to Implanted Microdialysis Probes” at the University of Upsala, Department of Pharmaceutical Bioscience, Friday, Sept. 21, 2012 and at the University of Bergen, Department of Biomedicine, Tuesday, September 25, 2012.

Julie Stenken presented a talk, “A Separations—and Analytical Chemistry-based Approach for Elucidating Tissue Reaction Problems with Implanted Glucose Sensors” at the Irish Separation Science Cluster, Dublin City University, Friday, September 21, 2012 and at the University of Bergen, Department of Biomedicine, Tuesday, September 25, 2012.


Sakon Illustration Chosen for Cover

Featured on the cover of the October 2012 issue of Protein Science is the figure featured at right. It is the illustration for the article “Bacterial Collagen-Binding Domain Targets under Twisted Regions of Collagen,” authored by ST Philominathan, T Koide, O Matsushita, and Joshua Sakon. The article appears in Volume 21, Issue 10, on pages 1554-1565.

Student News

Elizabeth Emerson successfully defended her dissertation “New Applications of Mass Spectrometry for Drug and Lipid Analysis” October 2, 2012. Beth entered the program as a Master’s student in the fall of 2006. She completed her Master’s degree in December of 2008. Her advisor in both degrees was Bill Durham. Beth received her BS in Forensic Chemistry from the University of Mississippi in 2006. She is from Dewitt, AR.

David Clay (Ph.D. 2012) reports that he has been hired as an organic chemist for a company called CytoSorbents Inc. CytoSorbents is a healthcare company in the medical device field that has developed a new hemoperfusion technology for removing toxins from the blood associated with sepsis, kidney disease and other diseases. David’s advisor was Matt McIntosh.

News from Fulbright IT

Fulbright College IT Support is proud to welcome its newest member, Will Simmons. Will has more than 8 years experience working in the field of information technology and is returning to the university after previously working with KXUA radio. Will is adept at PC and Mac support, and is quickly getting up to speed on our classroom technology in Fulbright College. He looks forward to working with the faculty and staff of Fulbright College and is available to help with technology-related issues along with the rest of the Fulbright IT Support team by contacting 575-7512 or emailing arscsup@uark.edu.

First Year Grad Seminar

**Topic:** Overview of the graduate school experience
**Description:** Graduate school from beginning to end—how to pick a thesis or dissertation topic—committees—how to stay on track for graduation
**Date:** October 11, 2012
**Time:** 3:00-5:00 p.m.
**Location:** Arkansas Union, rooms 509-510
**Presenters:** Graduate School and International Education
**Target Participants:** First year graduate students.
Register online at http://grad.uark.edu/dynamic/rsvp/
The department of chemistry and biochemistry at the University of Arkansas strives for excellence in research, teaching and service in chemistry- the central science. We aspire to positions of leadership regarding the discovery of new scientific knowledge, the training of students, and the economic development of the State of Arkansas. We seek to recruit and retain a diverse group of the best faculty, students and staff to excel in the central science.

Dr. Jane Goodall is presenting a talk “Making a Difference: An Evening with Jane Goodall” at Barnhill Arena Oct. 5 at 7:00 p.m.

Six undergraduate students from each of the disciplines of biology, chemistry, and physics were selected to present their research orally. Representing the department of Chemistry is Kaila Pianalto.

The department is well represented in the poster division by 5 graduate students and 8 undergraduate students. Their names and titles will appear in next month’s issue of the Mole.

Twenty six institutions are participating this year, with a record 120 posters.

### 2012-2013 CUME Schedule

| September 14 | January 25 |
| September 28 | February 15 |
| October 19  | March 8    |
| November 9   | March 29   |
| November 30  | April 19   |

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### Calendar of Events

#### October

1. Department Seminar—Dr. Catherine Murphy, Univ. of Illinois
2. INBRE Conference
3. Department Seminar—Dr. Mark Tuckerman, N.Y.U.
4. First Year Graduate Student Seminar, AR Union, 509-510, 3:00-5:00 p.m
5-6. INBRE Conference
8. Department Seminar—Dr. Mark Tuckerman, N.Y.U.
11. First Year Graduate Student Seminar, AR Union, 509-510, 3:00-5:00 p.m
15-16. Fall Break
19. CUME
22. Department Seminar—Dr. Peter Crooks, UAMS
29. Department Seminar—Dr. Catherine Larsen, Case Western Reserve University

#### November

9. CUME
12. Department Seminar—Dr. Ken Jordan, Univ. of Pittsburgh
22-23. Thanksgiving Holiday (Univ. closed)
30. CUME

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### Library Hours

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

**Fall Hours**

- Monday – Thursday: 8 a.m.-9 p.m.
- Friday: 8 a.m.-6 p.m.
- Closed Saturdays and Sundays
- Closed Labor Day (September 3)

The chemistry and biochemistry library resources can be accessed in the following LibGuides: http://uark.libguides.com/content.php?pid=110953. Please bookmark for future use.

Theses and dissertation resources can be found on the following LibGuide: http://uark.libguides.com/content.php?pid=123035 &sid=1057466.