

THE Central Arkansas CHEMIST



The Newsletter of the Central Arkansas Local Section of the American Chemical Society

October 2013

Section Officers for 2013!



Chair
Dr. Joshua R. Brown
Harding University



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Dr. Grover P. Miller
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for Medical Sciences



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Dr. Howard P. Hendrickson
University of Arkansas for
Medical Sciences



Treasurer
Ms. Marian Douglas
University of Arkansas –
Little Rock



Councilor
Dr. Martin D. Perry, Jr.
Ouachita Baptist University

Meeting

Tuesday, October 22, 2013

5:00 pm Dinner
Mirage Sports Bar and Grill
104 Malvern Rd
Caddo Valley, AR
870.210.5260

7:00 pm Program
*Cannabinoids and
Cancer: Establishing an Effective
Undergraduate Research Program*
Dr. Lori Hensley
Ouachita Baptist University

Location: Henderson State University
Caplinger Airway Science Center
Auditorium
Arkadelphia, AR

For driving directions: centralarkansas.sites.acs.org/directions.htm

How to Recognize a Volunteer

To recognize an individual as a Local Section Outreach Volunteer of the Year in 2014, please contact your local section Chair to complete this [form](#) by December 13, 2013. Names of volunteers may **only** be submitted by the local section's Chair. If a section does not have a sitting Chair, please contact outreach@acs.org to make provisions in recognizing a volunteer.

About Our Speaker

Dr. Lori Hensley is the holder of the J.D. Patterson Endowed Chair of Biology and currently serves as Chair and Associate Professor of Biology at Ouachita Baptist University. She received her B.S. in Biology from Bowling Green State University and her Ph.D. in Molecular Pathology from University of Tennessee Health Sciences Center. Prior to coming to Ouachita in 2002, she held postdoctoral positions at St. Jude Children's Research Hospital and the University of Arkansas for Medical Sciences. During her tenure at Ouachita, the number of biology majors has increased substantially with more majors than any other department, and her courses in Anatomy & Physiology typically have some of the highest enrollments on campus.



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Dr. Hensley has also helped establish a highly successful undergraduate research program with her lab funded primarily through the Arkansas Institutional Development Award Network of Biomedical Sciences (AR-INBRE) through the National Institutes of Health. Over 75 students have worked under her guidance studying the molecular basis of human disease, specifically within the nervous system. Current projects include investigating more natural, safer treatment options for neuroinflammatory diseases such as multiple sclerosis as well as neural-derived cancers. Using cellular and animal models, students in her lab are testing the ability of two classes of molecules—cannabinoids and phytoestrogens—to reduce glial activation characteristic of neuroinflammatory diseases and to induce apoptosis in neural-derived cancer cells. She and her students have made numerous presentations at regional, national, and international conferences and have twice been selected to present at the prestigious Council on Undergraduate Research-sponsored Posters on the Hill in Washington, D.C.

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Local ACS Section News:

ACS-Sigma Xi Banquet

Thursday, November 14 at 6:00 pm
UAMS Biomedical Research Bld I
2nd Floor Atrium

Dr. Ned Heindel from Lehigh University will be our guest. He will present a seminar titled "Antidotes for Terrorist Toxins: Preparing for a Chemical Attack on the American Homeland."

Local Section Involved in Chemistry Education

As a service to our community, the officers will be organizing another professional development day for high school chemistry teachers in the Little Rock School District to enrich the exposure of students to science in the classroom. Our second effort last fall was a great success reaching about twenty educators in the district. Beth Maris, the ACS liaison to the schools, is working with the Little Rock School District to dedicate an in-service day for this effort for **August 2014**. The day will include sessions on ACS resources for the classroom, chemistry demonstrations, and other activities to improve science education in the Little Rock School District. We hope to learn from these efforts and expand them to other school districts to enrich science education in Arkansas.

Local Section Call for Nominations of Officers

Be the change! Get involved in the ACS by becoming an Executive Officer. Our Section must hold officer elections by December 1, 2013. We are accepting nominations for all eligible local section members. ***Nomination process:** Only ACS members eligible to run for Office and you or someone else can nominate you! Please send nominations to Howard P. Hendrickson PhD, (HendricksonHowardP@uams.edu) by the October 24, 2013 DEADLINE.

National ACS News:

69th Southwest Regional Meeting of the ACS for 2013

November 17 – 20, 2013
Meeting held in Waco, TX

Contact Howard Hendrickson, Secretary of the Central Arkansas Local Section if you have news for the website or newsletter. Hendricksonhowardp@uams.edu. Section Chair, Josh Brown at jbrown20@harding.edu.
