



American Chemical Society

East Texas Section

September 2015

Next Meeting (joint meeting with Northwest Louisiana Section)

Date: Wednesday, September 23
Place: Room 1200, Francis B. Ross Lecture Hall
Health and Natural Sciences
Panola College
Dinner: On your own
Time: Speaker 7:00 P.M. (No charge for the talk)

The Camp Minden Saga:

Grass Roots Activism and Dialogue that Blocked the Largest Open Chemical Burn in U.S. History

Dr. Brian A. Salvatore
Department of Chemistry
Louisiana State University
Shreveport, LA

Abstract

Earlier this year, the EPA and Louisiana National Guard had planned to burn over 16 million pounds of M6 tank artillery propellant in open trays at Camp Minden. The chemicals to be burned included potent carcinogens as well as endocrine disrupting agents, but concerned and angry citizens pushed for a safer alternative. This is the account of how thousands of local area residents mobilized and engaged in public dialogue with state and federal government agencies to block the largest open chemical burn in U.S. history.

Speaker Bio

Dr. Brian A. Salvatore is a Professor of Chemistry at Louisiana State University Shreveport, where he has been on the faculty since 2003. Prior to that, he was a member of the faculty in the Dept. of Chemistry and Biochemistry at the University of South Carolina. Dr. Salvatore is originally from Dearborn Hts, Mi. He earned his B.S. in Chemistry (*Magna Cum Laude*) from the University of Michigan in 1987 and his Ph.D. in Organic Chemistry from the University of Pennsylvania in 1993, followed by a postdoctoral fellowship in the Chemistry Dept. at Yale University.



Dr. Salvatore has twice served as Chairman of the Northwest Louisiana Section of the American Chemical Society, and he currently represents this section on the National Council of the American Chemical Society. He is also a member of the ACS's national committee for Project SEED (*Scientific Experience for the Economically Disadvantaged*). Dr. Salvatore has twenty-eight peer-reviewed publications and two published patents in the area of organic synthesis and cancer research, with an emphasis on flavonoids and mitochondria-targeted anti-cancer agents

He has also been active in professional development of middle and high school science teachers and in educational outreach efforts within our public schools. His project-based learning/mentorship efforts within the Caddo Parish Public Schools are well known in this community, including the A.S.P.I.R.E. program (*After School Program for Innovation and Respect for Education*), which he established through LSUS in 2011. This program was featured on LPB's "Louisiana the State We're In" TV program, and he was invited to make a presentation about this program at the 2013 ACS National Meeting in New Orleans, LA.

Upcoming Dates

October 18-24	National Chemistry Week: Chemistry Colors Our World
October 22	Xiankai Sun at UT-Tyler
November 4-7	Southeast/Southwest Regional Meeting, Memphis, TN
November 17	Jeff Gaffney at Texarkana College
December 15-17	PacifiChem 2015, Honolulu, HI

Section Website is Live!!

Check out the Section's website: <http://easttexasacs.sites.acs.org>



Membership Milestones



Congratulations to the following members who have reached **50** years of ACS membership.

Dr. Wayne C. Boring

Dr. Julie W. Harris

Dr. David Ernest Hyatt

Dr. Richard Emerson Johnson

Dr. Donald Lee McClagherty

Dr. Charles M. Neeley

Congratulations to the following member who has reached **60** years of ACS membership.

Dr. Robert Lee Cargill, Jr.

Attention High School Chemistry Teachers

The East Texas Section of the American Chemical Society is offering a limited number of grants to High School Chemistry teachers in our area. We have two different grant programs:

1. High School Chemistry Program that will fund up to \$500 for materials, chemicals or other resources for a chemistry-related project.
2. Chemistry Professional Meeting Support Program that will fund up to \$500 for meeting registration or housing at a professional meeting sponsored by a chemical society, or by a science-related society.

To receive the support applications (electronic format only) please contact Dr. Bruce Hathaway (BruceHathaway@letu.edu) the grants program committee chair.

ACS Science Coach Program

Rhonda Small, 5th grade science teacher at Johnston-McQueen Elementary School was chosen to receive one of the Science Coach grants for 2015-2016. ACS Science Coaches are chemistry professionals who share their expertise and enthusiasm for science with an elementary, middle, or high school teacher over the course of one school year. They enhance science education, and secure a \$500 donation for the school where they volunteer.



2015 Section Officers

Chair	Paul Zhang	pzhang@ana-lab.com
Chair-elect	Bruce Hathaway	BruceHathaway@letu.edu
Treasurer	Patti Harman	patricia.harman@texarkanacollege.edu
Secretary	Mike Sheets	mike.sheets@texarkanacollege.edu
Councilor	Mike Sheets	mike.sheets@texarkanacollege.edu
Alt. Councilor	Philip Verhalen	philip.verhalen@gmail.com
Webmarm	Kristin Butterworth	kmb681@gmail.com

ACS PROGRAM A BOX

Tales of Lab Safety: How to Avoid Rookie Accidents

October 20, 2015 @ 7:00pm

There is a learning curve with everything, but mistakes made in the lab can ruin your research and cause dangerous accidents. A lab fire at the University of California, Los Angeles, in 2008 led to the death of researcher Sheharbano (Sheri) Sangji, shocking the chemistry and laboratory safety communities. Details of the incident and its cultural and legal aftermath will be discussed, along with other recent notable chemistry lab incidents and their common themes.



<http://www.acs.org/content/acs/en/acs-webinars/program-in-a-box/pib-on-demand/lab-safety.html>

Upcoming ACS Webinars

September 17, 2015

Paving Your Eligibility Pathway: Green Card Tips for Scientists, Professors and Researchers

<http://acswebinars.org/professional-development/green-card-tips>

As you make your way through your career, there are concrete and meaningful steps you can take to become eligible for a green card. Join Peter Asaad, Managing Partner of the Washington, D.C. based law firm, Immigration Solutions Group, to learn some practical tips to ensure you can get your green card through special fast track pathways for scientists, professors and researchers.

September 24, 2015

Dose Escalation in Preclinical Toxicology and Pharmacodynamic Activity Studies

<http://acswebinars.org/drug-discovery/delivery-options>

The solid-state form of an active pharmaceutical ingredient impacts almost every aspect of a pharmaceutical program so consideration and selection of an appropriate form is key. Join Scott Trzaska, Ron Smith, and Rao Mantri as they outline the pros and cons of the different forms and what to consider when selecting in the 8th session of our series.

About ACS Webinars™

ACS Webinars™ is a free, weekly online event serving to connect ACS members and scientific professionals with subject matter experts and global thought leaders in chemical sciences, management, and business. The ACS Webinars are divided into several series that address topics of interest to the chemical and scientific community; these series include careers, business and innovation, professional growth, joy of science, extreme chemistry, entrepreneurial initiative, green chemistry, and more. Each webinar is 60 minutes in length, comprising a short presentation followed by Q&A with the speaker. The live webinars are held on Thursdays from 2-3pm ET. Recordings of the webinars are available online and upcoming events are posted at <http://acswebinars.org/>.

