



AMERICAN CHEMICAL SOCIETY KENTUCKY LAKE SECTION

September 2016 Kentucky Lake Section Meeting

@

Union University
1050 Union University Drive
Jackson, TN 38305

Thursday, September 22nd, 2016

Social @ 5:30, Dinner @ 6:00 pm, Presentation @ 7:00 pm

All events will be held in the Carl Grant Events Center on campus

Directions and maps:

<http://www.uu.edu/about/map/index.htm#Directions>

From U.S. Highway 45 Bypass, take Union University Drive west to Walker Road. Turn left on Walker Road. The Grant Center is on your left after passing the Welcome House gate and student housing on the left.

Dinner: Choice of Chicken Marsala or Herb Crusted Tilapia, salad, garlic mashed potatoes, mixed vegetables, and pie dessert bar
The price is \$10 (Students \$5)

Program: Innovation at Georgia-Pacific: Renewable Bioproducts and Elements of Green Chemistry

Dr. David Snead, Sr. Development Chemist,
Georgia-Pacific Chemicals

Comments from the Chair

Hello All, the Kentucky Lake section was selected as a finalist for four ChemLuminary Awards: Best Activity or Program Stimulating Member Involvement, Most Innovative New Activity or Program, Outstanding Performance by a Local Section (Small Size), and Fostering Interactions between Local Sections and Student Chapters. This is quite an honor and tribute to the 2015 year. Excitingly, we won the ChemLuminary for both Most Innovative New Activity or Program and for Fostering Interactions between Local Sections and Student Chapters.

Please join us at Union University on the 22nd as we hear Dr. Dave Snead speak on innovation at Georgia Pacific. ~ Dr. Abigail Shelton, Chair

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KLS-ACS Web Page

<http://kentuckylake.sites.acs.org/>



Bio: David Snead is a Sr. Development Chemist at Georgia-Pacific Chemicals. He works in the New Platform Innovation (NPI) group which is responsible for the front-end to early commercialization stages of innovation with a focus on design of technical solutions to satisfy unmet market needs. At GP, David specializes in pine chemicals (Tall Oil) and their application in mining and wood composites. David is an organic chemist, received his PhD at the University of Florida in 2010 guided by Prof. Sukwon Hong, and performed postdoctoral research at Argonne National Labs with Prof. SonBinh Nguyen and at MIT with Prof. Tim Jamison.

LinkedIn: <https://www.linkedin.com/in/david-snead-1922908a>

Abstract: Georgia-Pacific Chemicals LLC is a subsidiary of Georgia-Pacific, one of the world's leading makers of renewable bio-based materials such as building and construction products, tissue, pulp, paper, packaging, and related chemicals. GP Chemicals operates at the interface between the chemistry of natural products related to forestry (lignocellulosic materials, lipids, and minerals) and the additives required to convert them into finished goods (wood panels, paper, and industrial reagents). This talk will provide an overview of compounds manufactured by GP Chemicals and the industries they serve. It will close with a case study of industrial innovation at GP describing the development of a new wood-adhesive binder from natural products to produce wood-panels with no-added formaldehyde (NAF).