



American Institute of Chemical Engineers

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Contact Information

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February 13, 2018

"Engineering Biologically-Relevant Drug Delivery Systems"

Dr. Jessica M. Kelly, Assistant Professor Chemical and Biomolecular Engineering, Clemson University will present research from the Kelly Lab which integrates concepts from nanotechnology, materials science, neurobiology, and disease pathology for the design and assembly of polymeric drug delivery vehicles for applications in neurologic disease. She will discuss how the application of knowledge from each of these disciplines frames current work on the development of tunable and translatable platforms utilizing responsive polymeric materials in the development of next-generation neurologic therapeutics.

Dr. Kelly was a GAANN Fellow in Biological and Pharmaceutical Engineering in the laboratories of both Prof. Mark Byrne in Chemical Engineering and Prof. Douglas Martin in the College of Veterinary Medicine at Auburn University where she obtained her PhD in 2017. She received her B.S. in Chemical Engineering from the University of Virginia in 2012. For her PHD work, Jessica was named Distinguished Engineering Graduate Student by her colleagues and was recognized by the NanoBio Summit, College of Engineering, and the Graduate School.

January Meeting Thank-you

WSCAICHE would like to extend a thank you to Elizabeth Matthews, Southeast Regional Manager for Newson Gale, for her presentation "Effective Control of Static Electricity and Charge Dissipation in Explosive Atmospheres".

February Meeting Information

TITLE:	Engineering Biologically-Relevant Drug Delivery Systems Dr. Jessica M. Kelly, Assistant Professor Chemical and Biomolecular Engineering
DATE:	Tuesday, January 13, 2018
TIME:	6:00 PM Social 6:30 PM Dinner 7:00 PM Presentation
LOCATION:	CH2M/Jacobs Engineering Conference Center 200 Verdae Boulevard, Greenville, SC 29607 (864) 920-7300
DIRECTIONS:	From I-385 Exit 37 (Roper Mountain Rd.) Take RMR over Woodruff Rd onto Verdae Blvd. Pass Embassy Suites and turn left at 3 ^d light into the CH2M parking lot behind building Enter Lobby - Meeting room is on the left
DINNER COST:	\$5 for WSCAICHe members \$10 for Non-members

Note that the dinner portion of the meeting is separate. RSVP is only needed if you plan to dine with us. RSVP is requested by 5PM Sunday, February 11, if you plan to dine with us

Upcoming Events

DATE	LOCATION	TOPIC
13 Mar 2018	CH2M	Total Tank Management and Monitoring - Travis Lunn, RE Mason
10 Apr 2018	CH2M	Process Safety Management Auditing - Bruce Stevens, AMEC
Saturday, 12 May 2018	Sierra Brewery in Asheville	WSCAICHe May Social - Sierra Brewery Tour and Brunch

A planning meeting will be held in June to discuss the schedule of events for Fall 2018 through Spring 2019. If you have recommendations for a future speaker or event, please contact one of our Section Officers.

New Officers Secretary

Ashley Sapyta has volunteered to be our Secretary. She has been an AIChE member for over 30 years. Ashley received her BS in Chemical Engineering from the University of Dayton. After several years in industry with Stolle Corporation and Kraft Foods, she moved to Greenville SC to join Fluor as a Process Engineer. She transferred to Fluor's environmental group which was eventually sold off and changed ownership several times. After working with that group for 18 years, she joined S&ME Inc (www.smeinc.com). She is a Technical Principal specializing in air and wastewater permitting and design for industrial clients and human health risk assessment.

Historian

Bruce Stevens has volunteered to be our Chapter Historian. He has been an AIChE member for over 20 years. Bruce recently moved back to the Greenville area to join Amec Foster Wheeler (now Wood) as a Sr. Specialist Engineer in July 2017. Bruce has over 35 years of experience in a variety of roles in the Chemical, Alternative Energy, and Oil & Gas Industries. His roles have included Process Engineering, Project Management, R&D, New Product Commercialization, Founding and Managing a Specialty Chemical Company, and most recently Process Hazard Analysis and Layers of Protection Analysis Facilitation as well as Process Safety Management Auditing and Program Development. He has worked for Dow Chemical, Petrolite Corporation, Syntroleum, Primenergy, VECO Engineering, and Primatech.

Officers and Executive Committee

This is YOUR local section of the American Institute of Chemical Engineers. Officers and Executive Committee members are listed below.

POSITION	NAME	COMPANY	E-MAIL
Chair	Marty Milne	PinPoint Solutions	martymilne@gmail.com
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