



American Chemical Society Susquehanna Valley Section

OCTOBER 2018 NEWSLETTER

The four hundred and forty eighth meeting of the American Chemical Society, Susquehanna Valley Section will be the [Wilkes University Catherine Bone Lecture](#). It will be held on Wednesday, October 17th, 2018 in Room 101 of the Stark Learning Center on the Wilkes University campus. The meeting will begin at 7:00 PM. A dinner precedes the meeting at 5:30 PM. The speaker will be 2018 Priestley Medal winner Dr. Geraldine Richmond of The University of Oregon.

“Mulling Over Emulsions: Molecular Assembly at Complex Liquid Surfaces”

Dr. Geraldine Richmond
Presidential Chair in Science and Professor of Chemistry
University of Oregon
Eugene, OR 97403



Since the Romans first spread oil on water to calm the raging seas, curiosity has persisted about the unique nature of the interface between water and a hydrophobic liquid including how soaps, surfactants and dispersants adsorb at this unique fluid junction. This presentation will focus on our most recent efforts in understanding the molecular properties of the oil-water interface and the unique love-hate environment it provides for adsorption of soaps, polymers and macromolecules at both planar and nanoemulsion oil/water interfaces.

BIOGRAPHY OF DR. RICHMOND:

Geraldine (Geri) Richmond is the 2018 Priestley Medal winner and the 2013 recipient of the National Medal of Science in Chemistry. Dr. Richmond is Presidential Chair in Science and Professor of Chemistry at the University of Oregon. Her research using laser spectroscopy and computational methods focusses on understanding environmentally and technologically important processes that occur at liquid surfaces. Richmond is a member of the National Academy of Sciences and the American Academy of Arts and Sciences. She has served in leadership roles on many international, national and state governing and advisory boards. She is currently serving as a member of the National Science Board, as the U.S. Science Envoy to the Lower Mekong River Countries and as Secretary of the American Academy of Arts and Sciences. Richmond is the founding director of COACH a grass-roots organization formed in 1998 that has helped over 20,000 women scientists and engineers in career advancement in the U.S. and countries in Asia, Africa and Latin America.

DINNER:

The lecture will be preceded by dinner at 5:30 PM in rooms 101-103 of the Cohen Science Center. Dinner will be buffet style, including a vegetarian option and dessert. The cost will be \$15.00 per person, payable at the dinner. Please RSVP by Monday, 8 Oct. 2018 to Gennie Singer by email <genevieve.singer@wilkes.edu> or phone (570.408.4750).

DIRECTIONS TO WILKES UNIVERSITY:

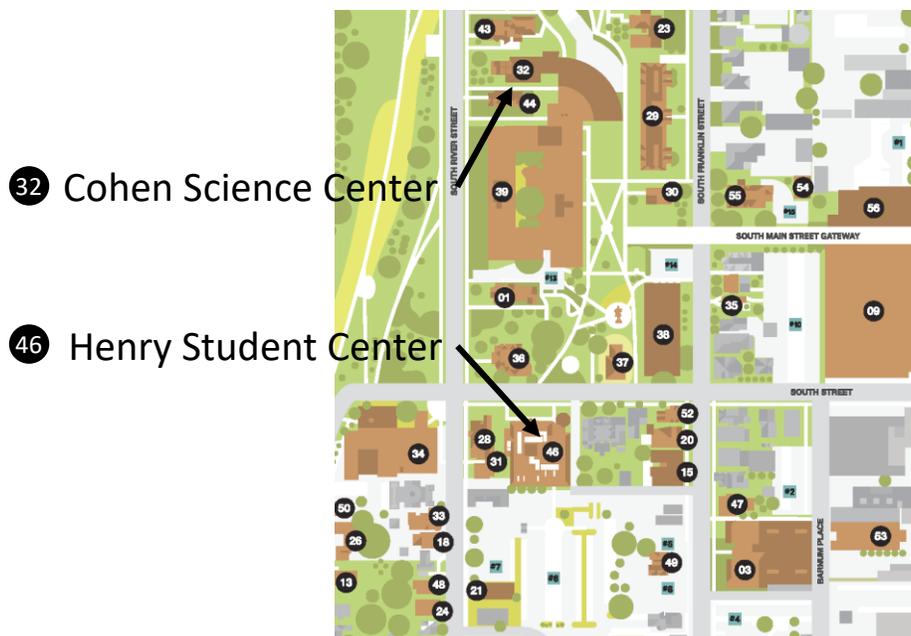
Detailed directions can be found at

<http://www.wilkes.edu/about-wilkes/campus/directions-to-campus.aspx>

An interactive map of the campus can be found at:

<http://www.wilkes.edu/about-wilkes/campus/map/index.aspx>

Take Exit 3 (River Street Exit), from PA Route 309N then make a left at traffic light. You are now on River Street. Immediately after turning left onto River Street you will encounter the first of 9 traffic lights. Continue on River Street to the 9th light where you will turn left (east) onto South Street. The Henry Student Center will be the second building on your right. Immediately to the left of the building (just after the crosswalk) is a driveway that leads to a parking lot.



The full map above can be found at <https://www.wilkes.edu/about-wilkes/campus/map/assets/wilkes-campus-map-2018.pdf>

SECTION NEWS:



IMPORTANT REMINDER:

The third SVS meeting of the academic year will be held the week after the Catherine Bone Lecture on Thursday, Oct 25th at Lycoming College. The meeting will coincide with Lycoming College's Douthat Lecture Series and will feature Nobel Laureate Dr. Roald Hoffmann.

DR. BENNETT WILLEFORD, JR.:

The Susquehanna Valley Section of the American Chemical Society marks the passing of Dr. Bennett "Ben" Willeford, Professor Emeritus of Chemistry at Bucknell University. In addition to the many years of service Dr. Willeford provided to Bucknell University and his contributions in the US and abroad, Ben was a noteworthy member of the SVS. He was a founding member, served as the section's third chair in 1961, and as program chair for the 1974 MARM. He was awarded the SVS Joseph Priestley Service Award in 2004 and was an active part of the celebration of section's 50-year anniversary in 2008. A Bucknell University memorial to Dr. Willeford can be found at <http://inmemoriam.bucknell.edu/?p=359>.

2019 LOCAL SECTION ELECTIONS:

Nominations, including self-nominations, are due for the position of Chair-elect. If interested, please contact Dr. Ron Supkowski at ronaldsupkowski@kings.edu or 570-208-5900x5733.

NATIONAL CHEMISTRY WEEK:



NCW 2018 is October 21 –27 and the theme is “Chemistry is Out of This World.” The Susquehanna Valley Section is once again collecting posters for this year’s event. If you know of a student in K-12 who would like to participate please contact Patrick Martino at patrick.martino@bucknell.edu. The deadline for submissions is Wednesday, October 31. For further details, see the [website](#).

MARM2019:



Save The Date

The 47th Mid Atlantic Regional Meeting (MARM) will be held May 30-June 1, 2019. The meeting is hosted by the Maryland Local Section of the American Chemical Society. Check the website, <https://marm2019.org>, for more information.

MISERICORDIA UNIVERSITY LECTURE SERIES ON CLIMATE CHANGE:

The College of Arts and Sciences at Misericordia University is inviting a variety of environmental experts, including a Woodrow Wilson Visiting Fellow, a climate scientist, and a representative of Greenpeace U.S.A. to explore the science of climate change in a series of lectures entitled, "The Impact of Climate Change on Society." The events are free and open to the public.

Monday, Oct. 22

Richard Alley, Ph.D., the Evan Pugh Professor of Geosciences at Penn State University, "Finding the Good News on Energy, Environment, and the Economy,"

Wednesday, Nov. 14

Charlie Cray, political and business strategist for the U.S. office of the global environmental organization Greenpeace U.S.A., "As a Society, What Can We Do about Climate Change?"

For additional information about the lecture series, please contact Rita Molino at rmolino@misericordia.edu or 570-674-8184 or visit the website: https://www.misericordia.edu/cf_news/view.cfm?newsid=3055

LOCAL STEM COMPETITIONS:



A list of all STEM competitions for high school students is posted on our [website](#). If you have any questions about the contests or have suggestions for others, please contact either the person indicated on the site or the section webmaster, Ron Supkowski at ronaldsupkowski@kings.edu or 570-208-5900 x5733

NATIONAL ACS NEWS:

ACS LEGISLATIVE ACTION NETWORK:

Legislation that may impact the chemical enterprise comes before Congress on a regular basis, and the ACS is committed to keeping its members informed and encouraging them to weigh in on high-priority issues. To see the position of the ACS on many legislative issues visit the ACS LAN website:

<https://www.acs.org/content/acs/en/policy.html>

To find out how to become more active in ACS advocacy activities, see the website:

<https://www.acs.org/content/acs/en/policy/memberadvocacy/advocacy-tools.html>

To join ACS' grassroots legislative advocacy network, ACT4CHEMISTRY, which will allow you to stay up to date on policy issues and contact legislators on behalf of chemistry and chemists, go to their website, follow the [Act4Chemistry Twitter](#) account, or email advocacy@acs.org.

JOIN THE ACS:

If you know of anyone who would benefit from being a member of the American Chemical Society, please direct them to the membership website:

<https://www.acs.org/content/acs/en/membership-and-networks/acs/join.html>

NATIONAL MEETINGS:

The 2019 spring national meeting will be held in Orlando, FL from March 31 – April 4. See the [website](#) for details. Deadline for abstract submission for most divisions is Monday, October 29.

Susquehanna Valley Section Web Page: <http://departments.kings.edu/SusquehannaValleyACS>

Please send any comments about the monthly newsletter to Ron Supkowski, Section Secretary
King's College 131 N River St Wilkes-Barre PA 18711 ronaldsupkowski@kings.edu
