

Double Bond

The Newsletter of the Western New York Section of the American Chemical Society

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CHEMISTRY ROCKS! EXPLORING THE CHEMISTRY OF ROCKS AND MINERALS

Join fellow chemists (students, faculty, and professionals) for this local section event featuring a live interactive broadcast from the National ACS. Celebrate National Chemistry Week with the local section, and pick up free food and some awesome door prizes.

When: Tuesday, October 24, 2017
Starts at 6:30 PM
Presentation at 7:00 PM

Where: University at Buffalo, North Campus
Baldy Hall, room 101

www.buffalo.edu/home/visiting-ub/CampusMaps/maps.html
Parking in surrounding lots is free after 3:00 PM



RSVP for this event to Luis Sanchez, lsanchez@mail.niagara.edu, by Monday, October 23, 2017.

see page 2 for further details

WNYACS SLATE OF CANDIDATES FOR LOCAL SECTION OFFICES

The current slate of candidates for executive committee positions with terms beginning in January 2018 is listed here. Brief biographical sketches of the candidates are presented below and on page 3.

Chair	Luis Sanchez
Chair-Elect	Timothy Cook
Vice-Chair	G. Ekin Atilla-Gokcumen
Treasurer	Robert Stewart
Member-at-Large	Lindsay Rose Dominic Ventura

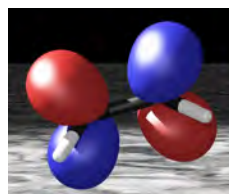
Information on voting will be sent by email.

2018 Candidate Biographies

For Chair (2018):

Luis Sanchez received his Ph.D. in Organic Chemistry from Michigan State University in 2010. After postdoctoral work at Merck Research Laboratories and with Professor Amos B. Smith III at the University of Pennsylvania, he moved to Lewiston, NY in 2013 to become Assistant Professor of Chemistry at Niagara University. Dr. Sanchez is the faculty advisor for the ACS student chapter at NU and serves as President-elect of the National Chemistry Honors Society Gamma Sigma Epsilon. His main research interest is the development of synthetic methods toward peptide and terpene-based natural products and analogues. Outside the lab, Luis enjoys long-distance running and is a lifelong theater lover.

continued on page 3



Chemistry Rocks!

Exploring the Chemistry of Rocks and Minerals



Tuesday, October 24, 2017
University at Buffalo, North Campus
Baldy Hall, room 101
Refreshments and Networking starts at 6:30 PM
Presentation at 7:00 PM
Awesome door prizes!!!!

We are surrounded by rocks and minerals everywhere... in the ground we walk on, the places we work and live, and even in the food we eat. How are chemists experimenting with these fundamental materials to help the world and make our lives better? Join fellow chemists (students, faculty, and professionals) for a live interactive broadcast where you and the other attendees will have the opportunity to network with chemists young and old across the world on social media, participate in discussions and activities, and ask questions live to the experts regarding the amazing work that is being done in rock and mineral science.

Please RSVP to Luis Sanchez, lsanchez@mail.niagara.edu,
by Monday, October 23, 2017

If you are a younger chemist (<36 years old) please consider attending! The main mission of the Younger Chemists Committee (YCC) is to advocate for and provide resources to early-career chemists and professionals in the chemical sciences and related fields. The YCC addresses specific issues facing younger chemists within the ACS and serves as a voice to the Society on behalf of younger chemists.

*2018 Candidate Biographies Continued***For Chair-Elect (2018):**

Timothy Cook studied under John P. Caradonna at Boston University (B.A., 2005) and with Daniel G. Nocera at MIT (Ph.D., 2010). After two years of postdoctoral study in the Stang Group at the University of Utah, he joined the faculty as a research assistant professor investigating coordination-driven self-assembly for the construction of metallacycles and cages. In the fall of 2014, he established a group at the University at Buffalo, SUNY as an assistant professor of chemistry. His lab is currently exploring inorganic self-assembly with an emphasis on designing new molecules and materials for energy conversion, photochemistry, and host/guest chemistry.

For Vice-Chair (2018):

G. Ekin Atilla-Gokcumen is the J. Solo Assistant Professor of Chemistry in the Department of Chemistry at UB. Ekin received her Ph.D. from the University of Pennsylvania working with Eric Meggers. Ekin then did her postdoctoral studies with Riki Eggert at Harvard Medical School before joining the UB faculty in 2013. Her research aims to understand the role of lipids in cellular processes using a combination of chemical tools and chemical biology-based approaches. Ekin is an active participant of the WiSE initiative (Women in Science and Engineering) at UB where she mentors undergraduates on their career development goals.

For Treasurer (2018-2019):

Robert Stewart is a staff scientist at Honeywell International, Inc. He received his B.S. in Chemistry from Canisius College (2011) and Ph.D. in Physical Chemistry from Penn State University (2016). Rob was a member of the ACS student chapter at Canisius from 2007 to 2011 and served as chapter president from 2010 to 2011. Returning to Buffalo, he looks forward to serving WNYACS and the scientific community with creativity and enthusiasm. In his free time, Rob enjoys the outdoors, glassblowing, and family; he can be reached at robert.stewart@honeywell.com.

For Member-at-Large (2018-2019):

Lindsay A. Rose is a Buffalo import. She grew up in Cincinnati, Ohio and was hooked on chemistry through the influence of her high school teacher. She attended Butler University as a chemistry major and went on to earn her Ph.D. in organic chemistry from Cornell University. After graduation, she moved to Scranton, Pennsylvania to teach at the University of Scranton. She has lived in Buffalo since 2010. She taught as an adjunct at Canisius College and joined the faculty at Niagara County Community College in 2012. In her spare time, she enjoys cooking, photography, and spending time with her family.

Dominic L. Ventura was born in Buffalo and has lived in the Western New York area his entire life. He received his B.S. degree in chemistry from the University at Buffalo in 2004, completed his Ph.D. from the same institution under professor Huw M. L. Davies in 2008, and joined the faculty at D'Youville College. At D'Youville College he has taught general, organic, and organometallic chemistry as well as other science courses such as astronomy and natural disasters. His research interests include mild synthesis of metallophthalocyanines via new methods as well as using these metal complexes as catalysts in various carbenoid transformations.

70 YEARS AGO IN THE DOUBLE BOND

The following excerpt appeared in the October, 1947 edition of the Double Bond

The following books have been chosen as those of especial interest to chemists and chemical engineers from the books recently obtained by the Buffalo Public Library:

Atomics for the millions
DDT, Killer of Killers
Foundations of Fabric Structure
Fundamentals of Industrial Electronic Circuits
Lectures on the Calculus of Variations
Mathematical Theory of Elasticity
Powder Metallurgy
Romping Through Mathematics
Russian-English Technical and Chemical Dictionary
Theory and Practice of Wood Dyeing
The Cathode Ray Oscillograph in Industrial Electronic Circuits
The Problem of Reducing Vulnerability to Atomic Bombs
The Story of Plastics
The Sulphonamides in Theory and Practice
The Trade-Mark Act of 1946
Tomorrow's Food
Watkins Cyclopedia of the Steel Industry
When the Oil Wells Run Dry

WNYACS Executive Committee**WNYACS Section Chair 2017**

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The Western New York Section of the American Chemical Society (ACS) and its editors assume no responsibility for the statements and opinions advanced by the contributors. Views expressed in the editorials are those of the authors and do not necessarily represent the official position of the Western New York Section of the American Chemical Society. All materials to appear in the next issue of *Double Bond* must be received by the editor, in care of the Dept. of Chemistry and Biochemistry, Canisius College, 2001 Main Street, Buffalo, New York 14208, by the FIRST day of the month. Notice of change of address or email should be made through **ACS Member and Subscriber Services** at (800) 333-9511, <mailto:service@acs.org> or the website: www.acs.org/content/acs/en/contact/contact-member-services.html.
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