

Ryan Lively

Georgia Institute of Technology



Ryan Lively received a B.S. and Ph.D. degree in Chemical Engineering from the Georgia Institute of Technology working with Prof. William J. Koros. This was followed by a post-doctoral research position at Algenol Biofuels under the guidance of Dr. Ronald R. Chance. He joined the faculty of Chemical and Biomolecular Engineering at the Georgia Institute of Technology in 2013 and was promoted to Associate Professor in 2018. His current research seeks to advance fluid separation processes critical to the global energy infrastructure. In particular, his research group investigates fundamentals of adsorption and diffusion in polymeric and microporous materials as well as the design of fiber-based separation devices. He has received a variety of awards for his research efforts including the 2013 NSF BRIGE Award, a 2017 NSF CAREER Award, a 2017 3M Non-Tenured Faculty Award, the 2018 Kunesh Award from the AIChE Separations Division, a 2018 DOE Early Career Award, and the 2020 Allan P. Colburn Award from the AIChE. He is currently the John H. Woody Faculty Fellow and serves as an Editor for the Journal of Membrane Science and on the North American Membrane Society's Board of Directors. In 2020, he was appointed as Director of the Center for Understanding and Control of Acid Gas-Induced Evolution of Materials for Energy (UNCAGE-ME), an Energy Frontier Research Center of the US Department of Energy. He has over 100 publications in the field of separations including articles in Science, Nature, and Nature Materials.

10 March 2021

The Refinery of Today, Tomorrow, and the Future: A Separations Perspective

<https://rensselaer.webex.com/rensselaer/onstage/g.php?MTID=ed16d4b32bc5ed655723c5dcbdad6d141>

Password: CBEVanNess

Due to COVID-19, no refreshments will be available before the seminar.



The Howard P. Isermann

Department of Chemical and Biological Engineering

Rensselaer Polytechnic Institute, Troy, NY

The Thirtieth Annual

Van Ness Award Lectures

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1993	Eduardo D. Glandt, University of Pennsylvania
1994	Frances H. Arnold, California Institute of Technology
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2010	Abraham Stroock, Cornell University
2011	Hang Lu, Georgia Institute of Technology
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2013	Daeyeon Lee, University of Pennsylvania
2014	J. Christopher Love, Massachusetts Institute of Technology
2015	Chinedum Osuji, Yale University
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2017	Mikhail Shapiro, California Institute of Technology
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