

ONLINE POSTGRADUATE SUMMER SCHOOL ON GREEN CHEMISTRY

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Lectures and teachers 2020



Jane Wissinger

Distinguished Teaching Professor of Chemistry and Organic Chemistry Laboratory
Director at the University of Minnesota

Lecture title: Green Chemistry Education: Pathway to a Sustainable Future

Profile

Jane Wissinger is a Distinguished Teaching Professor of Chemistry and Organic Chemistry Laboratory Director at the University of Minnesota. She received her B.A. from Susquehanna University (PA), M.S. from Georgia Institute of Technology (GA), and Ph.D. in organic chemistry from Northwestern University (IL), United States. She was employed as a research scientist at Rohm & Haas Co. for five years before beginning her academic career at the University of Minnesota. Wissinger's teaching and research interests focus on the development of curriculum materials for the college and high school levels that exemplify modern green chemistry methodology, advances in sustainable polymers, and guided-inquiry pedagogy. She is a Senior Principle Investigator in the Center for Sustainable Polymers and active in promoting green chemistry education locally and on a national level through funded projects, publications, and conferences. In addition to green organic chemistry laboratory curriculum publications, Wissinger has developed a portfolio of polymer experiments for the high school and college classroom that exemplify new sustainable polymer materials. Wissinger has led NSF-funded workshops on Teaching Guided-Inquiry experiments and Green & Sustainable Chemistry for High School teachers.

Her contributions to education were recognized with a U of MN Morse-Alumni Distinguished Teaching Professor award (2014) and an ACS-CEI Award for Incorporation of Sustainability in Chemistry Education (2018). Jane has served on a Green Chemistry Institute (GCI) committee for developing a Green Chemistry Education Roadmap and was co-author of a Green Chemistry in the Curriculum Supplement for ACS guidelines. She is currently a guest editor for a special edition of the *Journal of Chemical Education* on Chemical Safety Education: Methods, Culture, and Green Chemistry. Jane is a symposia organizer at national ACS meetings and the Green Chemistry & Engineering conferences and associate member of the ACS Committee on Environmental Improvement.

Green Chemistry Summer School
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