



Previous Dow/Karabatsos Lecturers

1981	George A. Olah*	2000	K. C. Nicolaou
1982	Gabor A. Somorjai	2001	Richard R. Schrock*
1983	Allen J. Bard	2002	Jean M.J. Fréchet
1984	John H. Sinfelt	2003	Robert H. Grubbs*
1985	Robert G. Bergman	2004	Galen D. Stucky
1986	Paul von R. Schleyer	2005	Donald A. Tomalia Emmanuel P. Giannelis Andrew Ellington Joseph A. Caruso Larry R. Dalton
1987	Robert H. Grubbs*		
1988	F. Albert Cotton		
1989	Julius Rebek		
1990	Tobin J. Marks	2006	Sidney M. Hecht
1991	Nicholas J. Turro	2007	John E. Bercaw
1992	Marye Anne Fox	2008	Peter J. Stang
1993	Richard H. Holm	2009	David W. C. MacMillan
1994	John I. Brauman	2010	Daniel A. Singleton
1995	Josef Michl	2012	Maurice Brookhart
1996	JoAnne Stubbe	2013	Gregory C. Fu
1997	Dale L. Boger	2014	Krzysztof Matyjaszewski
1998	Fred W. McLafferty	2016	Timothy M. Swager
1999	Daniel G. Nocera	2017	Daniel G. Nocera Robert H. Grubbs*

*Nobel Prize Winners

Dow/Karabatsos Distinguished Lectureship in the Chemical Sciences

Presents

**Professor
Melanie S. Sanford**

Moses Gomberg Distinguished University
Professor of Chemistry
University of Michigan

September 25 and 26, 2019

The Dow/Karabatsos Distinguished Lectureship

The Dow/Karabatsos Lecture Series in the Chemical Sciences has enriched the experience of workers in the chemical sciences at MSU for over thirty years. As is evident from the list of distinguished speakers, this lectureship has provided opportunities for students and faculty to interact with outstanding researchers from all areas of chemistry. We are grateful to Dow for their ongoing support that permits us to continue the tradition of extending invitations to outstanding scholars and teachers such as Prof. Sanford. The Department has started an endowment for this lecture series in honor of MSU Professor Gerasimos J. Karabatsos.

If you're interested in contributing to the Karabatsos Lecture Fund, please visit:
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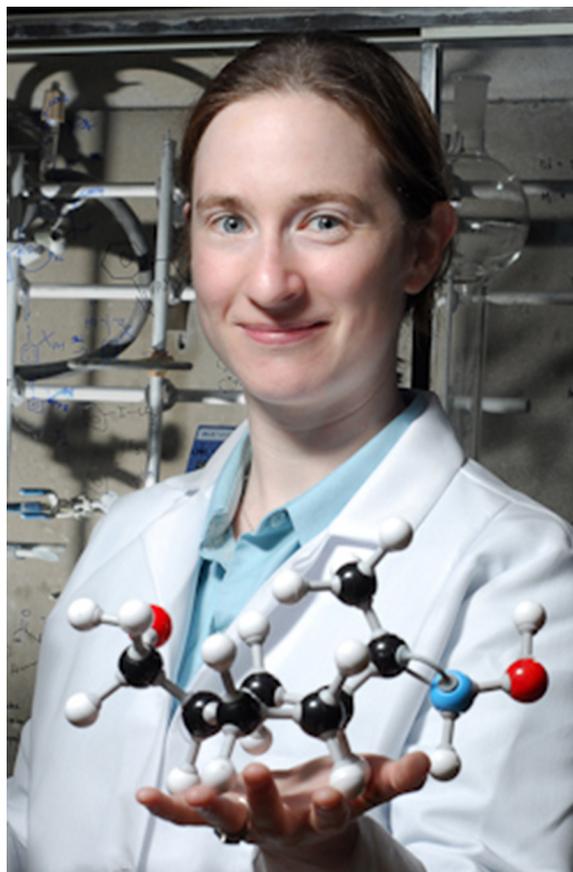
Lecture Topics

Wednesday, September 25, 2019
3:00 pm, Rm. 136 Chemistry

**“New Synthetic Methods
for C-F Bond Formation:
From Fundamental Science
to Applications”**

Thursday, September 26, 2019
4:10 pm, Rm. 136 Chemistry

**“Synthesis, Reactivity, and
Catalytic Relevance of High
Valent Transition Metal
Organometallic Complexes”**



Melanie S. Sanford is currently the Moses Gomberg Distinguished University Professor of Chemistry and Arthur F. Thurnau Professor of Chemistry at the University of Michigan, Ann Arbor. She received her B.S. and M.S. degrees at Yale University in 1996 where she carried out undergraduate research in the laboratory of Professor Robert Crabtree. She pursued graduate studies at the California Institute of Technology working with

Professor Robert Grubbs. Following postdoctoral work at Princeton University with Professor John Groves, she joined the faculty at the University of Michigan in the summer of 2003 as an Assistant Professor of chemistry. She was promoted to associate professor in 2007, to full professor in 2010, to Arthur F. Thurnau Professor of Chemistry in 2011, and to Moses Gomberg Collegiate Professor of Chemistry in 2012. She has won a number of awards, including the ACS Award in Pure Chemistry, the Sackler Prize, the Blavatnik Award, and a MacArthur Foundation Fellowship. She is a member of the National Academy of Sciences and a Fellow of the ACS. Research in the Sanford group aims to develop new chemical reactions that enable the production of pharmaceuticals, agrochemicals, and fuels in a more efficient and environmentally friendly manner.