MICHIGAN STATE UNIVERSITY | Department of Chemistry

DOW

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. Kiessling. 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:
https://www2.chemistry.msu.edu/KarabatsosFund

Previous Dow/Karabatsos Lecturers

1981	George A. Olah*
1982	Gabor A. Somorjai
1983	Allen J. Bard
1984	John H. Sinfelt
1985	Robert G. Bergman
1986	Paul von R. Schleyer
1987	Robert H. Grubbs*
1988	F. Albert Cotton
1989	Julius Rebek
1990	Tobin J. Marks
1991	Nicholas J. Turro
1992	Marye Anne Fox
1993	Richard H. Holm
1994	John I. Brauman
1995	Josef Michl
1996	JoAnne Stubbe
1997	Dale L. Boger
1998	Fred W. McLafferty
1999	Daniel G. Nocera
2000	K. C. Nicolaou
2001	Richard R. Schrock*
2002	Jean M.J. Fréchet
2003	Robert H. Grubbs*
2004	Galen D. Stucky
2005	Donald A. Tomalia Emmanuel P. Giannelis Andrew Ellington Joseph A. Caruso Larry R. Dalton
2006	Sidney M. Hecht
2007	John E. Bercaw
2008	Peter J. Stang
2009	David W. C. MacMillan*
2010	Daniel A. Singleton
2012	Maurice Brookhart
2013	Gregory C. Fu
2014	Krzysztof Matyjaszewski
2016	Timothy M. Swager
2017	Harry B. Gray
2018	Daniel G. Nocera Robert H. Grubbs*
2019	Melanie S. Sanford
2022	Laura L. Kiessling

*Nobel Prize Winners

MICHIGAN STATE UNIVERSITY | Department of Chemistry

Dow/Karabatsos Distinguished Lectureship

in the

Chemical Sciences

Presents

Professor Joseph T. Hupp

Charles E. and Emma H. Morrison
Professor of Chemistry
Northwestern University

November 6 & 7, 2023

Sponsored by:
The Dow Chemical Company
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DOW

Lecture Topics

Monday, November 6, 2023
4:10 pm, Rm. 136 Chemistry
"AIM-ing for Catalyst Synthesis (and application) with Single-atom Precision"

Tuesday, November 7, 2023
4:10 pm, Rm. 136 Chemistry
"How to Destroy a Nerve Agent: Enzyme-inspired Arrays of Artificial Catalysts"

Hupp is a native of rural western New York state. He was introduced to chemical research as an undergraduate at Houghton College in New York, evaluating candidate electrode materials for heart pacers. He completed a B.Sc. degree in 1979. Subsequently he was a student of the late Mike Weaver at Michigan State University, completing a chemistry Ph.D. in 1983, after one year in exile when he followed the Weaver group to Purdue. He was a postdoc at the University of North Carolina with T. J. Meyer. In 1986 he joined Northwestern University where he is a Morrison Professor of Chemistry. Until 2018, he was also senior scientist in the Division of Materials Research at nearby Argonne National Laboratory. He served for eleven years as an Associate Editor for the *Journal of the American Chemical Society*, followed by two terms as the Chair of the Editorial Board for the Royal Society of Chemistry journal, *Energy & Environmental Science*.

His research centers on energy- and defense-relevant materials chemistry, including design and synthesis of materials for chemical separations, chemical catalysis, electrocatalysis, light-to-electrical energy conversion, artificial photosynthesis, storage and release of molecular hydrogen, and capture and destruction of chemical warfare agents. His research accomplishments have been recognized with awards from the Sloan Foundation, the Dreyfus Foundation, the American Chemical Society, the Electrochemical Society, the Defense Threat Reduction Agency, the Inter-American Photochemical Society, the Japan Society for Coordination Chemistry, the Royal Society of Chemistry, and others. He is a Fellow of the American Academy of Arts & Sciences, the ACS, the Materials Research Society, the American Association for the Advancement of Science, and the Royal Society of Chemistry (UK).

He has mentored about 220 Ph.D. students, postdoctoral fellows, and visiting scholars, and about 40 undergraduate research students. Group alumni can be found among the faculties of research universities and liberal arts colleges across North America and throughout the world. Recognized by Clarivate Analytics (publishers of Web-of-Science) as among the world's most highly cited chemists, Hupp's research findings are described in nearly 700 peer-reviewed articles and in thirty-one patents. According to Google Scholar, his work has attracted more than 110,000 citations. When he's not in the lab or classroom, he can occasionally be found near the back of the pack in trail ultramarathons.