The Max T. Rogers
Lectureship Series in Chemistry
Michigan State University

The Michigan State University Department of Chemistry has helped sponsor an annual lecture series that brings world-renowned scientists to the campus each year. The lecture series was co-sponsored by the Renaud Foundation for 39 years, and hence, traditionally became known as the Renaud Lecture Series. Although the philanthropic trust of the Renaud Foundation was liquidated, the Chemistry Department has continued this prestigious series of lectures.

An anonymous donor has helped spark widespread support for the Lecture Series in the name of Max T. Rogers. Dr. Rogers, a physical chemist who served as Professor of Chemistry at Michigan State University for over 40 years, was a special member of the Department of Chemistry and the University. His outstanding contributions in the area of magnetic resonance spectroscopy, and his enlightened view of science, added prestige and distinction to the Department of Chemistry and the University community. It is a privilege for the MSU Department of Chemistry to continue the lecture series in the name of Professor Max T. Rogers.

MICHIGAN STATE
UNIVERSITY

Previous Max T. Rogers Distinguished Lecturers

1949	M. A. Lauffer	1980	Ronald Breslow
1950	Milton Burton	1981	Henry Taube*
1951	Melvin S. Newman	1982	R. A. Marcus*
1952	Harvey Diehl	1983	Berni J. Alder
1953	Melvin Calvin*	1984	K. Neil Bartlett
1954	Richard Dodson	1985	Jean-Marie Lehn*
1955	Leon Marion	1986	J. Calvin Giddings
1956	Joseph J. Katz	1987	Harry B. Gray
1957	I. M. Klotz	1988	Thomas C. Bruice
1958	John D. Roberts	1989	Richard N. Zare
1959	Henry Eyring	1990	Ahmed H. Zewail*
1960	Herbert A. Laitinen	1991	John A. Pople*
1961	George Watt	1992	Gerhard L. Closs
1962	Derek H. R. Barton*	1993	John Bercaw
1963	Peter J. W. Debye*	1994	Jerrold Meinwald
1964	Charles Tanford	1995	Martin Karplus
1965	E. J. Corey*	1996	Paul C. Lauterbur*
1966	Manfred Eigen*	1997	Graham R. Fleming
1967	Ronald S. Nyholm	1998	Alexander Pines
1968	Herbert C. Brown*	1999	Dudley R. Herschbach*
1969	Harden M. McConnell	2000	Keith U. Ingold
1970	F. Albert Cotton	2001	Peter B. Moore
1971	Carl Djerassi	2002	Michael J. Sailor
1972	Linus Pauling*	2003	Robert Tycko
1973	Paul D. Bartlett	2004	John C. Polanyi*
1974	Gerhard Herzberg*	2005	A. Paul Alivisatos
1975	William N. Lipscomb*	2006	R. Graham Cooks
1976	Leslie E. Orgel	2007	Sir John Meurig Thomas
1977	Roald Hoffmann*	2008	Donald G. Truhlar
1978	William P. Jencks	2009	Chad A. Mirkin
1979	Ilya Prigogine*	2010	Ann E. McDermott

* Nobel Laureates

MICHIGAN STATE UNIVERSITY | Department of Chemistry

MAX T. ROGERS
DISTINGUISHED LECTURESHIP

Presents

Professor Nathan S. Lewis

George L. Argyros Professor of Chemistry
California Institute of Technology

Division of Chemistry and Chemical Engineering

Beckman Institute and
Kavli Nanoscience Institute

4:10 pm
Wed., April 6, 2011

7:30 pm
Wed., April 6, 2011

7:30 pm
Thurs., April 7, 2011

Lecture Topics

"Sunlight-Driven Hydrogen Formation by Membrane-Supported Photoelectrochemical Water Splitting"

Wednesday, April 6, 2011
4:10 pm, Room 138
Chemistry Building – MSU

"Where in the World Will Our Energy Come From?"

Wednesday, April 6, 2011
7:30 pm, Room 138
Chemistry Building – MSU

"The Joint Center for Artificial Photosynthesis"

Thursday, April 7, 2011
4:10 pm, Room 136
Chemistry Building – MSU

Nathan S. Lewis, George L. Argyros Professor of Chemistry, has been on the faculty at the California Institute of Technology since 1988 and has served as Professor since 1991. He is the Principal Investigator of the Joint Center for Artificial Photosynthesis, the DOE's $122 M Energy Innovation Hub in Fuels from Sunlight. In addition, Dr. Lewis has also served as the Principal Investigator of the Beckman Institute Molecular Materials Resource Center at Caltech since 1992. From 1981 to 1988, he was on the faculty at Stanford, as an assistant professor from 1981 to 1985 and as a tenured Associate Professor from 1986 to 1988. Dr. Lewis received his Ph.D. in Chemistry from the Massachusetts Institute of Technology.

Dr. Lewis has been an Alfred P. Sloan Fellow, a Camille and Henry Dreyfus Teacher-Scholar, and a Presidential Young Investigator. He received the Fresenius Award in 1990, the ACS Award in Pure Chemistry in 1991, the Orton Memorial Lecture award in 2003, the Princeton Environmental Award in 2003 and the Michael Faraday Medal of the Royal Society of Electrochemistry in 2008. He is currently the Editor-in-Chief of *Energy & Environmental Science*. He has published over 300 papers and has supervised approximately 60 graduate students and postdoctoral associates.

His research interests include artificial photosynthesis and electronic noses.

Technical details of these research topics focus on light-induced electron transfer reactions, both at surfaces and in transition metal complexes, surface chemistry and photochemistry of semiconductor/liquid interfaces, novel uses of conducting organic polymers and polymer/conductor composites, and development of sensor arrays that use pattern recognition algorithms to identify odorants, mimicking the mammalian olfaction process.