

The Greg L. Baker, Ph.D. Memorial Lectureship Series in Chemistry

MICHIGAN STATE
UNIVERSITY

Greg Baker served Michigan State University as a Professor of Chemistry from August 1992 until his untimely death on October 18, 2012, at the age of 58. Greg's research program was truly interdisciplinary as he worked on adapting his chemistry to develop environmentally degradable polymers, polymer-based systems for targeted drug delivery, composite polymer electrolytes to replace ion-conducting membranes for battery and fuel cell applications, and polymer "brushes" that could be tailored for chemical separations. Shortly after his passing, colleagues and friends worked to honor Greg by establishing and endowing a lectureship. Thanks to their generosity, the Greg L. Baker, Ph.D. Memorial Lectureship was fully endowed several years later



Professor Greg L. Baker

Thank you to all whose generosity made
this lectureship possible.

Greg L. Baker, Ph.D. *Memorial Lectureship*

Presents

Tim Lodge

Regents Professor
Department of Chemical Engineering
& Materials Science

University of Minnesota

October 9-10, 2025



Lecture Topics

Network Phases from Self-assembly of ABC Bottlebrush Block Terpolymers

Thursday October 9
@ 4:10 PM, 136 CEM

Equilibration of Block Copolymer Micelles: How Difficult Can It Be?

Friday, October 10
@ 4:10 PM, 136 CEM



Tim Lodge graduated from Harvard College with a B.A. cum laude in Applied Mathematics (1975). He completed his PhD in Chemistry at Wisconsin in 1980 with John Schrag, and then spent 20 months as a National Research Council Postdoctoral Fellow at NIST, with Charles Han.

Since 1982, he has been on the Chemistry faculty at Minnesota and, in 1995, he also became a Professor of Chemical Engineering & Materials Science. In 2013, he was appointed a Regents Professor, the University's highest academic rank.

Tim Lodge has been recognized with the American Physical Society (APS) Polymer Physics Prize (2004), the International Scientist Award from the Society of Polymer Science, Japan, (2009), the American Chemical Society (ACS) Award in Polymer Chemistry (2010), the Hermann Mark Award (2015) and the Paul Flory Education Award (2018) of the ACS Division of Polymer Chemistry, and the Sustained Research Award from the Neutron Scattering Society of America (2020).

He has been elected to Fellowship in the American Association for the Advancement of Science, the APS, the ACS, and the Neutron Scattering Society of America. In 2016, he was elected to the American Academy of Arts and Sciences, and in 2024 to the National Academy of Engineering.

From 2001 – 2017, Tim Lodge served as the Editor-in-Chief of the ACS journal Macromolecules. In 2011, he became the founding Editor for ACS Macro Letters. From 2005 – 2022 he was Director of the NSF-funded Materials Research Science & Engineering Center (MRSEC) at Minnesota. He has authored or co-authored over 530 papers in the field of polymer science, and advised or co-advised over 150 PhD students and postdoctoral fellows.

His research interests center on the structure and dynamics of polymer liquids, including solutions, melts, blends, and block copolymers, with particular emphases on self-assembling systems using rheological, scattering and microscopy techniques.