



Dr. Jeffrey A. Reimer
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From 2006 until 2011, Dr. Reimer was the Warren and Katharine Schlinger Distinguished Professor and Chair of the Chemical and Biomolecular Engineering Department. From 2000 to 2005 he was Associate Dean of the UC Berkeley Graduate Division where his responsibilities included the assessment of doctoral programs. In 1998 he won the Donald Sterling Noyce Prize for Excellence in Undergraduate Teaching in the Physical Sciences and was given the AIChE Northern California Section Award for Chemical Engineering Excellence in Academic Teaching. Professor Reimer was awarded the UC Berkeley Distinguished Teaching Award in 2003, the highest award bestowed on faculty for their teaching.

Professor Reimer received his bachelor's degree (with honors) from the University of California at Santa Barbara, and obtained his doctorate from the California Institute of Technology in 1980. Prior to his appointment at Berkeley in 1982, he was a postdoctoral fellow at IBM Research in Yorktown Heights, New York. At Berkeley he received the Presidential Young Investigator Award in 1985, and was named a Camille and Henry Dreyfus Teacher-Scholar in 1987. Professor Reimer was named a Mercator Professor of the Deutsche Forschungsgemeinschaft (DFG) at RWTH Aachen University in 2006. He was elected a Fellow of the American Association for the Advancement of Science for "contributions to understanding materials chemistry through the application of sophisticated spectroscopic and physical measurements," and a Fellow of the American Physical Society in the Division of Materials Physics, "for the design and analysis of in situ spectroscopic studies of materials and electrochemical processes." In 2012 Professor Reimer was awarded the Eastern Analytical Symposium Award for outstanding contributions to magnetic resonance. In addition to his research publications, Professor Reimer is co-author

(with T.M. Duncan) of the introductory text *Chemical Engineering Design and Analysis* (Cambridge University Press, 1998).

The goal of Professor Reimer's research is the exploration and application of spectroscopic methods that inform society about materials chemistry and analyses. At the present time his group is focusing on electrochemical alternatives to the internal combustion engine, the sequestration of carbon dioxide, nuclear thermodynamics and nuclear spintronics, and non-aqueous biocatalysis.