

Dr. Michael Schen

Dr. Michael Schen currently serves as the Senior Scientific Advisor to the Director of the Technology Innovation Program (TIP), on matters related to the scientific, technological, and programmatic collaborations of TIP with stakeholders and clients. Working across TIP functions, Michael acts to integrate the program's actions and relations within the nation's scientific, industrial, academic, and public policy framework.

Michael's area of detailed technical expertise includes materials science and engineering, polymer science, nanotechnology, and electronic and photonic materials, and has detailed experience within the electronics, photonics, microelectronics, and materials industries. In total, Michael has over 30 years of combined industrial, academic, and government experience in fundamental research, technology development, corporate research & development, advanced metrology, technology planning, program management and relations, and supervision.

Prior to joining TIP, Michael served a number of science, technology, and management positions within NIST and industry. He was an Office Director, Program Manager, and Project Manager within the former NIST Advanced Technology Program; Program Manager for the NIST Laboratories' Electronic Packaging and Interconnection Program; Program Analyst within the NIST Director's Office; staff polymer science researcher at NIST; Fulbright and French Government co-sponsored post-doctoral researcher at the Université de Montpellier, CNRS Laboratories, Montpellier, France; and research chemist at the Eastman Kodak Co.

Michael received his Ph.D. in Polymer Science and Engineering from the University of Massachusetts in Amherst, gained his Bachelor's degree in chemistry from the Rochester Institute of Technology, Rochester, NY, and received his Associates in Applied Sciences from the State University of New York at Alfred.