

Jingguang Chen is the Department Chair and Thayer Lindsley Professor of Chemical Engineering at Columbia University, with a joint appointment as Senior Chemist at Brookhaven National Laboratory. After receiving his bachelor degree from Nanjing University, he was selected by the China-USA chemistry graduate program to pursue PhD studies in the United States. He carried out his PhD thesis work in the Department of Chemistry at the University of Pittsburgh during 1983 – 1988, under the guidance of Professor John T. Yates, Jr. He is the co-author of over 20 United States patents and over 400 journal publications. He is currently the President of the North American Catalysis Society and an Associate Editor of *ACS Catalysis*.

Dr. Jeremy Walker is the Director of Science & Technology for FLIR Detection, Inc. Jeremy received his B.S. in Chemistry from Colgate University in 2001 and his Ph.D. in Chemistry from the University of Pittsburgh in 2006. As a member of Dr. Sanford Asher's group, Jeremy studied protein-polymer sensors, nanoparticles and integrated smart materials for detection of toxic nerve agents and clinical analytes. He has been funded by Army Research Office, DTRA, JPEO-CBRND, DARPA, AFRL, and DHS over the course of his career. Jeremy's team is currently collaborating with Professor Asher's group in the design of novel protein binders to detect markers of illicit nuclear activity. Jeremy is a native of Saltsburg, PA and enjoys fly fishing, traveling, reading, and attending Pittsburgh sporting events in his spare time.