

ammonium nitrate chemistry, and improvised explosive devices. She is the author of more than 40 papers on the subject of energetic materials, the presenter of nearly 100 lectures, and the organizer of numerous national symposia. Dr. Oxley is also a member of the National Research Council's Committee on Commercial Aviation Security. She received her Ph.D. in organometallic chemistry from the University of British Columbia.

*Robert M. Pentz* is director of the National Law Enforcement and Corrections Technology Center–Western Region, which is operated for the National Institute of Justice by the Aerospace Corporation. In this capacity, he provides technical support services to senior law enforcement officials. In his 27-year career at the Aerospace Corporation, he has primarily been responsible for application of satellite technology to military support architectures. Previously, he worked at Lockheed Missiles and Space Company and the Lawrence Radiation Laboratory. Mr. Pentz earned a B.S. in electrical engineering from the University of California at Berkeley.

*Anthony J. Silvestri* has retired from positions as vice president of Mobil Research and Development Corporation and general manager for environmental health and safety at Mobil Oil Corporation, where he was responsible for toxicology and product safety functions. During his career with Mobil, he worked in the areas of catalysis, process research and technical service, development of fuels and lubricants, and production of synthetic fuels. He received his Ph.D. in chemistry from the Pennsylvania State University.

*Judith Bannon Snow* leads the High Explosives Science and Technology group at Los Alamos National Laboratory and is involved with explosives synthesis, formulation, chemical analysis, mechanical properties testing, micro-mechanical physics, nonshock initiation, deflagration to detonation theory, slow combustion, thermal studies, safety assessment, performance assessment, aging studies, and demilitarization of energetic materials. Prior to coming to Los Alamos, she spent 10 years at the Naval Undersea Warfare Center in New London, Connecticut, where she directed the Marine Optics Laboratory. Previously, she did nonlinear optics research in applied physics at Yale University. Dr. Snow has two patent awards and numerous scientific publications in laser spectroscopy, microparticle scattering, and nonlinear optics. She earned a Ph.D. in chemistry from Wesleyan University (Connecticut) and was a Sloan Fellow at the Stanford University Graduate School of Business, where she received an M.S. in management.

*Frank H. Stillinger* is a member of the technical staff at Bell Laboratories, Lucent Technologies. His research interests include statistical mechanics of liquids and amorphous solids, phase transition theory, theoretical methods in quantum chemistry, and computer simulation. He is a member of the National Academy of Sciences and has served on several NRC committees, including the Committee on Mathematical Challenges from Computational Chemistry, which he chaired. He earned his Ph.D. in chemistry from Yale University.

*Andrew E. Taslitz* is a professor of law at the Howard University School of Law, where he teaches a variety of courses, including criminal law, criminal procedure, and criminal