

Appendix A

Biographical Sketches of Committee Members

Chair

Marye Anne Fox is vice president for research and the M. June and J. Virgil Waggoner Regents Chair in Chemistry at the University of Texas at Austin. Her recent research activities include organic photochemistry, electrochemistry, and physical organic mechanisms. She is a former associate editor of the *Journal of the American Chemical Society*. Previously, she was also the director for the Center for Fast Kinetics Research, vice chairman of the National Science Board, and a member of the Task Force on Alternative Futures for the Department of Energy National Laboratories, the Galvin Committee. Dr. Fox is a member of the National Academy of Sciences and serves on several NAS committees, including the NAS Council Executive Committee and the Committee on Science, Engineering, and Public Policy. She is an NAS Councilor and a former member of the Commission on Physical Sciences, Mathematics, and Applications, and served on the Committee on Criteria for Federal Support of Research and Development. She received a Ph.D. in organic chemistry from Dartmouth College.

Vice Chair

Edward M. Arnett is the Reynolds Professor of Chemistry, Emeritus, at Duke University. Dr. Arnett was director of the Duke Surface Science Center and previously held positions at the University of Pittsburgh, Harvard University, Western Maryland College, Max Levy and Company, and the University of Pennsylvania. His research interests include acid base behavior of organic compounds, solvent effects in organic chemistry, organic monolayers, and stereochemistry of aggregation. Dr. Arnett is a member of the National Academy of Sciences. He chaired the National Research Council's Committee on Prudent Practices for Handling, Storage, and Disposal of Chemicals in Laboratories and was a member of the U.S. National Committee for the International Union of Pure and Applied Chemistry. He received his B.S., M.S., and Ph.D. degrees in chemistry from the University of Pennsylvania.

Members

Alexander Beveridge is the head of the chemistry section of the Vancouver Forensic Laboratory of the Royal Canadian Mounted Police. He has had 29 years of forensic chemistry casework experience. His primary research interest is the analysis of residues from explosives. He is a fellow of the Chemical Institute of Canada and a faculty member of the Open University of British Columbia. Dr. Beveridge earned his B.Sc. degree and Ph.D. in chemistry from Glasgow University and has an MBA from the University of Alberta.