
APPENDIX H

MEMBERS OF THE VISITING COMMITTEE ON ADVANCED TECHNOLOGY

The Visiting Committee on Advanced Technology (VCAT) reviews and makes recommendations regarding general policy for the National Institute of Standards and Technology, its organization, its budget, and its programs, within the framework of applicable national policies as set forth by the President and the Congress. The VCAT submits an annual report to the Secretary of Commerce for submission to the Congress.

Public Law 56-177, which established the National Bureau of Standards as an agency of the Department of the Treasury on March 3, 1901, directed the creation of a Visiting Committee of five members, “men prominent in the various interests involved,” to be appointed by the Secretary of the Treasury, to visit NBS at least annually, and to report to the secretary upon the efficiency of its scientific work and the condition of its equipment. Despite the transfer of NBS to the Department of Commerce and Labor in 1903 and the creation in 1913 of a separate Department of Commerce, the procedures of the Visiting Committee remained unchanged until 1988.

The text of Public Law 100-418, August 23, 1988, replaced the earlier Visiting Committee by a Visiting Committee on Advanced Technology (VACT). The new committee, to be appointed by the NIST Director, was to be composed of nine members, at least five of whom were to be from U.S. industry. The VCAT was to meet at least quarterly and to provide an annual report on NIST, to be submitted to Congress through the Secretary of Commerce.

Public Law 104-113, March 7, 1996, changed the number of members to 15, at least 10 of whom shall be from United States industry.

Public Law 110-69, August 9, 2007, changed the meeting times to twice each year from the previous quarterly requirement.

The dates indicate the terms of appointment.

Milton M. Chang Chairman, New Focus, Inc.	1996-1999
Steven A. Malone Director, Nebraska Dept. of Agriculture’s Weights and Measures Program	1998-1999
Louise K. Goeser General Manager, Whirlpool Corporation	1998-2000
Dr. Duane A. Adams Vice Provost for Research, Carnegie Mellon University	1999-2001
Dr. Conilee G. Kirkpatrick Vice President, HRL Laboratories	1999-2002
Dr. James W. Mitchell Director, Materials; Reliability and Ecology Research Laboratory, Lucent Technologies	1999-2002
Dr. Caroline A. Kovac Vice President, Services, Applications and Solutions, IBM	1999-2003
Dr. Thomas A. Manuel President, Council for Chemical Research	1999-2004
Dr. F. Raymond Salemme Founder, President, and Chief Scientific Officer, 3-Dimensional Pharmaceuticals, Inc.	1999-2004

Dr. Juan M. Sanchez , VCAT Chair Vice President for Research, University of Texas, Austin	2000-2005
Dr. April M. Schweighart Product Business Manager, Motorola	2000-2005
Dr. Deborah L. Grubbe Corporate Director, Safety & Health, DuPont Safety, Health, Environment	2001-2006
Dr. Wayne H. Pitcher, Jr. Technology Management Consultant	2001-2003
Dr. Lloyd R. Harriott Professor, Dept. of Electrical and Computer Engineering, University of Virginia	2001-2003
Dr. Masayoshi Tomizuka Director, Engineering Systems Research Center, University of California, Berkeley	2001
Mr. Gary D. Floss Business Partner, Bluefire Partners	2002-2007
Dr. Richard M. Gross Corporate Vice President of Research and Development, The Dow Chemical Company	2002-2004
Dr. Jennie Hunter-Cevera President, University of Maryland Biotechnology Institute	2002-2004
Mr. Scott C. Donnelly Senior Vice President, GE Corporate Research and Development, General Electric Company	2003-2004
Lou Ann Heimbrook Vice President of Global Operations, Merek & Co., Inc.	2003-2009
Robert T. Williams Director, Manufacturing Operations Support & Technology, Caterpillar Inc.	2003-2009
Dr. Donald B. Keck Chief Technology Officer, Infotonic Technology Center Inc. and Retired Vice President, Research Director Corning Incorporated	2004-2006
Mr. Edward J. Noha Chairman Emeritus, CNA Financial Corporation	2004-2006
Mr. Thomas A. Saponas Retired Senior Vice President & Chief Technology Officer, Agilent Technologies	2004-2006
Dr. James W. Serum President, SciTek Ventures	2004-2009
Dr. John F. Cassidy Senior Vice President, Science & Technology, United Technologies Corporation	2005-2007
Dr. E. David Spong Vice Chairman, ChangeAgent, Inc.	2005-2007

Mr. W. Wyatt Starnes Chairman & CEO, SignaCert, Inc.	2005-2007
Dr. Thomas M. Baer Executive Director, Stanford Photonics Research Center, Stanford University	2006-2009
Dr. Paul A. Fleury Dean of Engineering & Frederick W. Beinecke Professor of Engineering and of Applied Physics, Yale University	2006-2009
Dr. Vinton G. Cerf Vice President and Chief Internet Evangelist, Google	2007-2009
Dr. William Happer, Jr. Department of Physics, Princeton University	2007
Dr. Elsa Reichmanis Director, Materials for Communications Research, Alcatel-Lucent	2007-2009
Dr. Ruzena Bajcsy Professor of Electrical Engineering and Computer Sciences, University of California, Berkeley	2008-2009
Dr. Peter Green Vincent T. and Gloria M. Gorguze Professor of Engineering and Department Chair, Materials Science and Engineering, Professor, Chemical Engineering, Macromolecular Science and Engineering University of Michigan	2008-2009
Dr. Pradeep Khosla Dean, College of Engineering, Philip and Marsha Dowd University Professor, Founding Director, CyLab, Carnegie Mellon University	2008-2009
Dr. Alan I. Taub Executive Director, GM Research and Development, General Motors Corp.	2008-2009

Source: VCAT web site: http://www.nist.gov/director/vcat/vcatmembership_since1988.htm accessed on July 13th, 2009.