

PITT AWARD

The Annual Award for Innovation in Coal Conversion, also known as the **Pitt Award**, was founded by the Department of Chemical and Petroleum Engineering of the University of Pittsburgh in 1983 through the support of the following companies: Air Products and Chemicals, Inc.; Consolidation Coal Company; Gulf Research and Development Company - Synthetic Fuels Division; and Westinghouse Electric Corporation.

Since 1992, the award has been fully funded by the CONSOL Energy Inc. The purpose of this award is to honor an individual each year, which has made a recent and significant contribution to the new technologies, new procedures or new policies toward coal utilization.

PITT AWARD RECIPIENTS

1983	William S. Moorehead, Congressman, U.S. Congress
1984	Robert Hart, Tennessee Eastman Kodak
1985	Ab Flowers, Gas Research Institute
1986	W. Robert Epperly, Exxon Corporation
1987	William B. Krantz, University of Colorado
1988	Seymour B. Alpert, Electrical Power Research Institute
1989	John P. Murtha, Congressman, U.S. Congress
1990	Flynt Kennedy, Consolidation Coal Company
1991	Robert E. Lumpkin, Amoco Corporation
1992	Sun W. Chun, PETC, U.S. Department of Energy
1993	James J. Markowsky, AEP Service Corporation
1994	Thomas F. Bechtel, METC, U.S. Department of Energy
1995	Adel F. Sarofim, Massachusetts Institute of Technology
1996	Donald M. Carlton, Radian International LLC
1997	David H. Pai, Foster Wheeler Development Corporation
1998	Masakatsu Nomura, Osaka University, Japan
1999	Frank Derbyshire, CAER, University of Kentucky
2001	Terry Wall, University of Newcastle, NSW, Australia
2002	Rita Bajura, NETL, U.S. Department of Energy
2003	Francis Lau, Institute of Gas Technology
2004	Baoqing Li, Chinese Academy of Sciences, China
2005	Kouichi Miura, Kyoto University, Japan
2006	Charles H. Goodman, Southern Company
2007	Ben Jager, Sasol Technology, South Africa
2008	Liang-Shih Fan, The Ohio State University

The 2009 Recipient

Michael J. Mudd



FutureGen Alliance
Washington, DC

Mr. Michael J. Mudd, Chief Executive Officer of the FutureGen Alliance, is the industrial leader for developing the world's first coal-fueled power plant with near-zero emissions. The FutureGen represents an innovative technology-based solution to world energy needs in a way that coal will continue to be used to provide affordable electricity while protecting the environment.

Prior to joining the FutureGen Industrial Alliance, Mr. Mudd was the Manager of Generation Technologies and Technology Development for American Electric Power (AEP). He played a key role in the development of AEP's coal-based power generation systems. Among his outstanding achievements are: (1) the design, construction and operation of efficient large coal-fired power plants, (2) the initiation of AEP's integrated gasification combined-cycle projects, and (3) the deployment of the 70 MW Tidd pressurized fluidized bed combustion demonstration plant.

Mr. Mudd has been an active participant in many industry associations, including the Coal Utilization Research Council, Electric Power Research Institute, the International Energy Agency Coal Industry Advisory Board, the National Coal Council, and the National Academy. He has also been working with industry and government leaders on major energy policy issues, including his participation as a member of the Department of Energy's Hydrogen Advisory Technology Committee.

Mr. Mudd has earned a Bachelor of Engineering degree and completed post-graduate studies at Stevens Institute of Technology and the AEP Strategic Leadership Program, Fischer College of Business, The Ohio State University.