

PITT AWARD

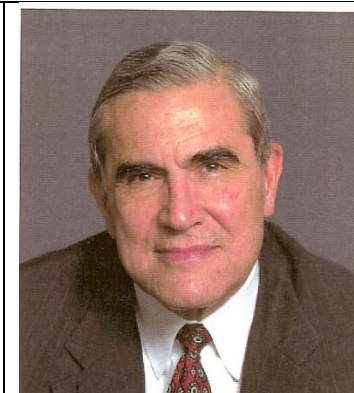
The Annual Award for Innovation in Coal Conversion, also known as the **Pitt Award**, was founded by the Department of Chemical and Petroleum Engineering of the University of Pittsburgh in 1983 through the support of the following companies: Air Products and Chemicals, Inc.; Consolidation Coal Company;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

Since 1992, the award has been fully funded by 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

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-Shi Fan, The Ohio State University
2009	Michael J. Mudd, The FutureGen Alliance
2010	Güven Önal, Istanbul Technical University, Turkey
2011	Michael G. Morris, American Electric Power, Columbus, OH

The 2012 Recipient
Richard L. Lawson



Energy, Environment and
Security Group, Ltd.

Mr. Lawson is the former chairman of the Energy, Environment and Security Group, Ltd., a Washington energy consultant firm and the vice-chair of the Atlantic Council of the U.S., overseeing the Council's energy and environment activities. He has an impressive record in coal, energy, and the environment. He served as chair of the International Committee on Coal Research and on the board of directors of the U.S. Energy Association. He was president and CEO of the National Mining Association (NMA) for 14 years, and president of the American Coal Foundation. He served on the board of directors of the National Energy Foundation and was the U.S. chairman of the World Mining Congress. Mr. Larson was selected as "Energy Man of the Year" by The US Energy Association in 2002. He is a member of the Washington Institute of Foreign Affairs and the World Energy Council.

Retiring as a four-star General of the Air Force in December 1986, Mr. Lawson received 22 military awards and decorations during his distinguished military career that spanned 40 years. He served as military assistant to the president in the White House; as director of plans, U.S. Air Force in Washington; as commander, 8th Air Force, Louisiana; and as director of plans and policy, Organization of the Joint Chiefs of Staff, Washington, D.C. Mr. Lawson was also the U.S. representative to the Military Committee of NATO; the chief of staff, Supreme Headquarters Allied Powers in Europe, Belgium; and the deputy commander-in-chief of the U.S. European Command, Germany.

Mr. Lawson holds BS in Chemical Engineering from Parsons College and M.S. in public administration from George Washington University. He is a graduate of the National War College and has been awarded an honorary doctorate of political science by Centenary College, Shreveport, Louisiana, and an honorary doctorate of laws by Boston University.

2012 Annual

PITT AWARD PROGRAM



**Twenty-Ninth Annual International
Pittsburgh Coal Conference
October 15 – 18, 2012
Pittsburgh, PA**



**University of Pittsburgh
Swanson School of Engineering**

Presented at the Awards Luncheon

Thursday, October 18, 2012

**David L. Lawrence Convention Center
Pittsburgh, PA**

**Sponsoring Organization
CONSOL Energy Inc.**