

Carnegie Science Awards Awardees 1997-2010

Chairman's Award

- 2010** Thomas E, Starzl, M.D., Ph.D.
- 2009** Westinghouse Electric Company
- 2008** Robotics Institute, Carnegie Mellon University
- 2007** PPG Industries
- 2006** McGowan Institute for Regenerative Medicine
- 2005** FedEx Ground
- 2004** University of Pittsburgh Medical Center
- 2003** Bayer Corporation
- 2002** Siemens Westinghouse

Advanced Manufacturing & Materials Award

- 2010** C. Edward Eckert, PhD, Apogee technology, Inc.
- 2009** Karen A. Craig, Dirk Kammermeier, PhD, Kennametal Inc.
- 2008** Paul Medwick, PhD, James Thiel, PhD, Andrew Wagner, PhD, PPG Industries
- 2007** Parag L. Hegde, Aharon Inspektor, PhD, Ronald M. Penich, Kennametal Inc.
- 2006** John J. Craig and F. Gary Kovac, Supply Systems, Inc.
- 2005** Paul Arch, NOVA Chemicals
- 2004** Greg W. Needham, Robert A. Erickson and William M. Long, Kennametal Inc.
- 2003** Ming Li, PhD, Alcoa Technical Center
- 2002** Baolute Ren, PhD, Alcoa Technical Center
- 2001** Mark H. Kryder, PhD, Carnegie Mellon University

Advanced Materials Award

- 2010** Di Gao, PhD, University of Pittsburgh
- 2009** Robert Hunt, Brian Long, Rick Starcher, Bayer MaterialScience LLC
- 2008** Stephen F. Badylak, DVM., PhD, MD, McGowan Institute for Regenerative Medicine

Analysis & Reporting Award

- 2010** Andrew Conte, Luis Fabregas, Pittsburgh Tribune-Review
- 2009** Joe Miksch, *Pitt Med Magazine*, University of Pittsburgh
- 2008** Kenneth Chiacchia, PhD, University of Pittsburgh Medical Center
- 2007** Cara J. Hayden, *Pitt Magazine*, University of Pittsburgh
- 2006** Bayer Corporation and its Making Science Make Sense® annual research project, the *Bayer Facts Of Science Education* survey
- 2005** Jennifer Bails, Pittsburgh Tribune-Review

Catalyst Award

- 2010** Allegheny County Health Department
- 2009** Lenore Blum, PhD, Carnegie Mellon University
- 2008** John W. Manzetti, Pittsburgh Life Sciences Greenhouse
- 2007** Mark H. Kryder, PhD, Seagate Research
- 2006** Red Whittaker, PhD, Robotics Institute, Carnegie Mellon University
- 2005** Steven G. Zylstra, Pittsburgh Technology Council and Catalyst Connection
- 2004** Benno Bernt, PhD, University Partners, Inc., Carnegie Mellon University
- 2003** Alan J. Russell, PhD, McGowan Institute for Regenerative Medicine

- 2002** Ann Jones Gerace, Conservation Consultants, Inc.
- 2001** Roger C. Westman, PhD, Allegheny County Health Department
- 2000** Herbert L. Retcofsky
Spectroscopy Society of Pittsburgh
Society for Analytical Chemists of Pittsburgh
- 1999** Peter C. Johnson, MD, TissueInformatics, Inc.
- 1998** Jane Konrad, Pittsburgh Regional Center for Science Teachers
- 1997** Gary Warnock, PhD, University Of Pittsburgh

Corporate Innovation Award

- 2010** McGowan Institute for Regenerative Medicine
- 2009** Idea Foundry
- 2008** MEDRAD, Inc.
- 2007** Kennametal Inc.
- 2006** Vocollect, Inc.
- 2005** Marlin H. Mickle, PhD, University of Pittsburgh

Elementary Educator Award

- 2010** Beth Cooper, Butler Area School District
- 2009** Cyndy Carroll, Canon-McMillan School District
- 2008** Marie Lowe, Lynette Zimmerman, Avella Area School District
- 2007** Susan Simmers, Pittsburgh Public Schools
- 2006** Scott Sundgren, South Fayette Township School District
- 2005** Marguerite Barger, Lisa Faddis, Jim Hopton and Bill Phillips
Jefferson-Morgan School District
- 2004** Tim Landry, Seneca Valley School District
- 2003** Mary Bertsch, Trinity Area School District
- 2002** Joy Kretzler Smith and Ed Smith, Baldwin-Whitehall School District
- 2001** Pam Varga, Blackhawk School District
- 2000** Cheryl Little, Shady Side Academy
- 1999** Todd Binnig, Franklin Regional School District
- 1998** Joan Gorsuch, Montour School District
- 1997** Charles M. Sosko, Carlynton School District

Middle Level Educator Award

- 2010** Arlynn Adamerovich, Ligonier Valley School District
- 2009** Maribeth Varganin, Quaker Valley School District
- 2008** Nancy Bires, Hermitage School District
- 2007** Cheryl Kestner, Lorraine Kuniak, James Musolino, and Evelyn Quade, Mary Queen of
Apostles School
- 2006** Laurie R. Ahrenholtz, North Hills School District
- 2005** Bethany Foster-Wilhelm, Pittsburgh School District
- 2004** Gary Popiolkowski, Chartiers-Houston School District
- 2003** Ed Mihalacki, Hempfield Area School District
- 2002** Mary Elizabeth Jaquay, Diocese of Pittsburgh
- 2001** Paul Belluomini, Hempfield Area School District
- 2000** Tony Magnelli, Quaker Valley School District
- 1999** Doris J. Lijewski, Diocese of Pittsburgh

High School Educator Award

- 2010** Jeanne Campbell Suehr, Yough School District

- 2009** William Diehl, Anita Schuchardt, Ph.D., Shady Side Academy
- 2008** Ellen Wright, Pittsburgh Public Schools
- 2007** Jason Lucia, North Catholic High School, Diocese of Pittsburgh
- 2006** Nicholas S. Kovacic, Greene County Career and Technology Center
- 2005** James G. Rutkowski, Erie City School District
- 2004** Janet R. Waldeck, PhD, South Fayette Township School District
- 2003** Regis P. Joseph, Alternative Center for Education
- 2002** Mark Krotec, Diocese of Pittsburgh
- 2001** Dan Malone, Fox Chapel Area School District
- 2000** Kathy Malone, Shady Side Academy
- 1999** Brian Wargo, Freedom Area School District
- 1998** Sean P. Lally, Sewickley Academy
- 1997** Edward F. Schroth, Quaker Valley School District

School District Award

- 2010** Franklin Regional School District
- 2009** Derry Area School District
- 2008** Riverview School District
- 2007** Jeannette City School District
- 2006** Hopewell Area School District

University / Post-Secondary Educator Award

- 2010** Alison Slinskey Legg, PhD, University of Pittsburgh
- 2009** John Mahoney, MD, University of Pittsburgh School of Medicine
- 2008** Joseph J. McCarthy, PhD, Robert S. Parker, PhD, Mary Besterfield-Sacre, PhD, University of Pittsburgh
- 2007** Sanjeev Shroff, PhD, University of Pittsburgh
- 2006** Jennifer Cartier, PhD, University of Pittsburgh
- 2005** Winston Erevelles, PhD, Robert Morris University
- 2004** David Yaron, PhD, Carnegie Mellon University
- 2003** Joseph J. Grabowski, PhD, University of Pittsburgh
- 2002** Karl H. Lewis, PhD, University of Pittsburgh
- 2001** Dan Budny, PhD, Rainer Johnsen, PhD, Leonard S. Kogut, PhD, and George A.J. Sparling, PhD, University of Pittsburgh
- 2000** Alan J. Russell, PhD, Robert M. Enick, PhD, and John N. Murphy University of Pittsburgh
- 1999** Robert A. Walters, Penn State McKeesport
- 1998** George C. Bandik, PhD, University of Pittsburgh
- 1997** Frank Beatrous, PhD, University of Pittsburgh

University/Post-Secondary Student

- 2010** Bryan Brown, University of Pittsburgh, McGowan Institute for Regenerative Medicine
- 2009** Donna J. Haworth, University of Pittsburgh

Emerging Female Scientist Award

- 2010** Charleen Chu, MD, PhD, University of Pittsburgh
- 2009** Priya Narasimhan, PhD, Carnegie Mellon University
- 2008** Tiziana Di Matteo, PhD, Carnegie Mellon University
- 2007** Kay M. Brummond, PhD, University of Pittsburgh

Engineer Award

- 2000** Karen A. Barbac, Stella A. Raduch, Kurt G. Olson, PhD, PPG Industries Research Team
- 1999** W. Scott Smith, PhD, Contraves Brashear Systems

Start-Up Entrepreneur Award

- 2010** Razi Imam, Landslide Technologies, Inc.
- 2009** David Palmer, ClearCount Medical Solutions
- 2008** John Shearer, Powercast Corporation
- 2007** N/A
- 2006** Richard D. McCullough, PhD, Carnegie Mellon University and Plextronics, Inc.

Entrepreneur Award

- 2010** Lalit Chordia, Thar Technologies, Inc.
- 2009** D. Raja, Computer Enterprises, Inc.
- 2008** Rich Lunak, Innovation Works, Inc.
- 2007** Ronald P. Bianchini, Jr., PhD, Network Appliances, Inc.
- 2006** Lawrence Rhoades, The Ex One Company
- 2005** Peter M. DeComo, Renal Solutions, Inc.
- 2004** Gerald McGinnis, Respiroics, Inc.
- 2003** Alfred A. Kuehn, PhD, Management Science Associates, Inc.
- 2002** D. Lansing Taylor, PhD, Cellomics, Inc.
- 2001** M. Stephen Heilman, MD, Medrad, Inc.
- 2000** Glen T. Meakem, Freemarkets
- 1999** Sean McDonald, Automated Healthcare, Inc.
- 1998** Paul L. Kornblith, MD, Precision Therapeutics, Incorporated
- 1997** Eric Cooper, PhD, Fore Systems

Environmental Award

- 2010** Devra Davis, PhD, Environmental Health Trust
- 2009** Rebecca Flora, AICP, LEED, AP, Green Building Alliance
- 2008** Richard V. Piacentini, Phipps Conservatory and Botanical Gardens
- 2007** Mascaro Sustainability Initiative, University of Pittsburgh
- 2006** Pittsburgh Parks Conservancy
- 2005** Margaret H. Dunn, Stream Restoration Incorporated
- 2004** Eric J. Beckman, PhD, University of Pittsburgh
- 2003** Robert S. Hedin, PhD, Iron Oxide Recovery, Inc.
- 2002** James T. Cobb, Jr., PhD, University of Pittsburgh
- 2001** Bernard P. Breen, PhD, Energy Systems Associates

Information Technology Award

- 2010** Luis Von Ahn, Carnegie Mellon University
- 2009** Peter Feiler, PhD, Software Engineering Institute, Carnegie Mellon University
- 2008** Entertainment Technology Center, Carnegie Mellon University
- 2007** Sridhar Tayur, PhD, SmartOps®
- 2006** Raul Valdes-Perez, PhD, Vivisimo, Inc.
- 2005** Richard Pethia, Software Engineering Institute
- 2004** Tuomas Sandholm, PhD, CombineNet, Inc.
- 2003** Asim Smailagic, PhD, Carnegie Mellon University
- 2002** Kenneth M. Sochats, University of Pittsburgh

2001 Linda M. Northrop, Software Engineering Institute, Carnegie Mellon University

Life Sciences Award

- 2010** Andrew Schwartz, PhD, University of Pittsburgh School of Medicine
- 2009** Yuan Chang, MD, Patrick Moore, MD, MPH, University of Pittsburgh Cancer Institute
- 2008** William R. Wagner, PhD, University of Pittsburgh
- 2007** Harvey S. Borovetz, PhD, University of Pittsburgh
- 2006** Savio L-Y. Woo, PhD, D.Sc (Hon.)
Musculoskeletal Research Center, Department Of Bioengineering, University of Pittsburgh
- 2005** Stephen F. Badylak, DVM, PhD, MD, McGowan Institute for Regenerative Medicine
- 2004** John W. Mellors, MD, University of Pittsburgh School of Medicine
- 2003** Robert B. Herberman, MD, University of Pittsburgh Cancer Institute
- 2002** Paul Chang, MD, University of Pittsburgh School of Medicine
- 2001** Alan S. Waggoner, PhD, Carnegie Mellon University

Scientist Award

- 2000** Zoltan J. Cendes, PhD, Ansoft Corporation
- 1999** Michael L. Bussler, Algor, Inc.
- 1998** T.E. Schlesinger, PhD and Daniel D. Stancil, PhD, Carnegie Mellon University and Applied Electro-Optics Corporation
- 1997** C. Erik Bauer, George P. Grab, Aharon Inspektor, PhD, William M. Melago and Edward J. Oles, Kennametal Inc.

Special Achievement in Environmental Education

- 2010** Laura Branby, Wendy Kedzierski, Jim Palmer, Creek Connections, Allegheny College

**Carnegie Science Awards
Honorable Mention 2003-2010**

Advanced Manufacturing & Materials Award Honorable Mention

- 2004** Dan Krinock, Airo Die Casting
Joseph R. Pickens, PhD, Concurrent Technologies Corporation
Aharon Inspektor, PhD, Ronald M. Penich, Allen E. Poponick
Parag L. Hegde, Charles J. Petrosky, John R. Winebrenner, Kennametal Inc.
- 2003** Robert A. Erickson, William M. Long, and Greg W. Needham, Kennametal Inc.
Joseph R. Pickens, PhD, Concurrent Technologies Corporation

Analysis & Reporting Award Honorable Mention

- 2010** Jeff Fraser, *Pittsburgh Quarterly*
2008 Joe Miksch, *Pitt Med Magazine*, University of Pittsburgh
2007 Kenneth Chiacchia, PhD, University of Pittsburgh Medical Center

Catalyst Award Honorable Mention

- 2010** Terrence Collins, PhD, Institute for Green Chemistry, Carnegie Mellon University
2009 Marc S. Malandro, PhD, CLP, University of Pittsburgh
2008 Louis Piconi, Apangea Learning, Inc.
2005 V. Michael Mautino, Bayer MaterialScience LLC
2004 Rita A. Bajura, National Energy Technology Laboratory
2003 Arthur S. Levine, MD, Margaret C. McDonald, PhD, University of Pittsburgh Schools of Health Sciences

Corporate Innovation Award Honorable Mention

- 2010** Plextronics, Inc.
2008 Idea Foundry
2006 Kennametal Inc.
2005 Vocollect, Inc.

Elementary Educator Award Honorable Mention

- 2010** Daniel Arnold, Laurel Highlands School District
2006 Kevin Rorabaugh, Shenango Area School District
2005 Sheila Wagner, North Allegheny School District
2004 Susan H. Casker, Seneca Valley School District
Gerry Lewis, Bayer Corporation

Middle Level Educator Award Honorable Mention

- 2007** Nancy Bires, Hermitage School District
2006 Al Dorsch, Shenango Area School District
2005 Laurie R. Ahrenholtz, North Hills School District
Cynthia K. Ollendyke, Peters Township School District
2004 Mary Elizabeth Bigney, DuBois Area School District
Kathleen Spencer, Providence Heights Alpha School

- Frank Maykuth, Debbie Petrun, Dennis Schiffbauer, Albert Gallatin School District
2003 James Stearns, Shaler Area School District

High School Educator Award Honorable Mention

- 2010** Evelyn Breitgan, Avella Area Junior/Senior High School
Jade Leung, Shaler Area High School
2009 Jeanne Campbell Suehr, Yough School District
2006 Jason Lucia, North Catholic High School, Diocese of Pittsburgh
2005 Nicholas S. Kovacic, Greene County Career and Technology Center
2004 James G. Rutkowski, Erie City School District
2003 Janet R. Waldeck, PhD, South Fayette Township School District

University / Post-Secondary Educator Award Honorable Mention

- 2010** Thad Zaleskiewicz, PhD, University of Pittsburgh at Greensburg
2009 Wendy Kedzierski, Jim Palmer, Creek Connections, Allegheny College
Alison Slinsky Legg, PhD, University of Pittsburgh
2008 Michelle Blanken, Bidwell Training Center
2007 Susan Finger, PhD, Carnegie Mellon University
Edward Zovinka, PhD, Saint Francis University
2006 Jay Hosler, PhD, Juniata College
2005 Chandralekha Singh, PhD, University of Pittsburgh
Karen H. Stump, Mellon College of Science, Carnegie Mellon University
2004 Joseph J. McCarthy, PhD, University of Pittsburgh
Mary-Besterfield-Sacre, PhD, Bopaya Bidanda, PhD,
Rabikar Chatterjee, PhD, Michael Lovell, PhD, Marlin Mickle, PhD
Larry Shuman, PhD, Product Realization Team, University of Pittsburgh
2003 Paul S. Steif, PhD, Carnegie Mellon University

University/Post-Secondary Student Honorable Mention

- 2009** Donna J. Haworth, University of Pittsburgh

Emerging Female Scientist Award Honorable Mention

- 2010** Alison Barth, PhD, Carnegie Mellon University
Kacey Marra, PhD, University of Pittsburgh
2009 Charleen T. Chu, MD, PhD, University of Pittsburgh
2007 Vera Donnenberg, PhD, Hillman Cancer Center

Start-Up Entrepreneur Award Honorable Mention

- 2010** Patrick Daly, Cohera Medical, Inc.
2009 Patrick Daly, Cohera Medical, Inc.

Entrepreneur Award Honorable Mention

- 2009** Lalit Chordia, Thar Technologies, Inc.

Environmental Award Honorable Mention

- 2010** Gregory Lowry, PhD, Carnegie Mellon University

- 2008** Rebecca Flora, AICP, LEED, AP, Green Building Alliance
- 2006** Slippery Rock Watershed Coalition
- 2005** Angela Belli, St. Vincent College
- 2004** Margaret H. Dunn, Stream Restoration Incorporated
- 2003** Margaret H. Dunn, Stream Restoration Incorporated

Information Technology Award Honorable Mention

- 2005** Sridhar Tayur, PhD, Tepper School of Business, Carnegie Mellon University
- 2004** Richard Pethia, Software Engineering Institute, Carnegie Mellon University

Life Sciences Award Honorable Mention

- 2005** Savio L-Y. Woo, PhD, D.Sc (Hon.)
Musculoskeletal Research Center, Department Of Bioengineering, University of Pittsburgh
- 2003** John Mellors, MD, University of Pittsburgh School of Medicine