



## AAES AWARDS

Honoring People for their Contributions to Engineering and to Society

### Awards Summary and Past Recipients

The American Association of Engineering Societies annually presents the following awards.

*Note: The years shown reflect the date of the presentation ceremony.*

### National Engineering Award

*The National Engineering Award is presented for inspirational leadership and tireless devotion to the improvement of engineering education and to the advancement of the engineering profession, as well as to the development of sound public policies as an engineer-statesman.*

#### Past Recipients

1979	Neil A. Armstrong	2001	Edmund O. Schweitzer
1980	Harold Brown	2002	G. Wayne Clough
1981	Donald Burnham	2003	Mary R. Anderson-Rowland
1982	W. Kenneth Davis	2004	Daniel R. Benigni
1983	George M. Low	2005	E. Walter LeFevre
1984	William H. Pickering	2006	Harold E. Nelson
1985	Martin Goland	2007	W. Gene Corley
1986	Erich Bloch	2008	Donald B. Chaffin
1987	Robert N. Noyce	2009	Arden L. Bement
1988	Simon Ramo	2010	Charles M. Vest
1989	Kenneth A. Roe	2011	Jared Cohon
1990	James C. Fletcher	2012	John L. Anderson
1991	Norman R. Augustine	2013	Marvin M. Specter, P.E.
1992	Bonnie J. Dunbar	2014	Christine Shoemaker, Ph.D., NAE
1993	Ruben F. Mettler	2015	Jeffrey Wadsworth, Ph.D., NAE
1994	Roy F. Weston	2016	Sarah A. Rajala, Ph.D.
1995	Walter E. Morrow, Jr.	2017	Mary M. Poulton, Ph.D.
1996	Daniel Tellep	2018	Siegfried S. Hecker, Ph.D., NAE
1997	Thomas B. Sheridan		
1998	Stephen D. Bechtel Jr.		
1999	Winfred M. Phillips		
2000	Duncan T. Moore		

## Kenneth Andrew Roe Award

*The Kenneth Andrew Roe Award is presented on behalf of the engineering community to recognize an engineer who has been effective in promoting unity among the engineering societies.*

### Past Recipients

1986	Nicholas J. Radell	2001	Wm A. Wulf
1987	James Y. Oldshue	2002	James E. (Tom) Sawyer
1988	Robert M. White	2003	Stephen D. Bechtel, Jr.
1989	John A. White	2004	Lt. General Henry J. Hatch, Jr.
1990	Richard W. Karn	2005	Luther W. Graef
1992	William J. Carroll	2006	Patrick J. Natale
1993	Eric Herz	2007	Colin Drury
1994	Albert A. Grant	2008	Priscilla P. Nelson
1995	Ernest L. Daman and Neil A. Norman	2009	No Award
1996	William C. Salmon and Lionel Baldwin	2010	Daniel D. Clinton, Jr.
1997	Richard Emmert	2011	Jon Nelson
1998	David Belden and James Poirot	2012	Dale L. Keairns
1999	James E. Davis	2013	Noha S. El-Ghobashy
2000	Theodore W. Hissey, Jr.	2014	G. Wayne Clough, Ph.D., P.E., NAE
		2015	Hon. James A. Rispoli, P.E.
		2016	Brajendra Mishra, Ph.D.
		2017	Vilas S. Mujumdar, D.P.A., P.E., S.E.
		2018	Karl W. Reid, Ed.D.

## **Norm Augustine Award for Outstanding Achievement in Engineering Communications**

*This award is presented annually to an engineer who has demonstrated the capacity for communicating the excitement and wonder of engineering. The award is to be conferred on those rare individuals who can speak with passion about engineering – its promise as well as its responsibility – so that the public may have a better understanding of engineering and a better appreciation for how engineers improve our quality of life.*

### Past Recipients

1999 Norman R. Augustine  
2000 Neil A. Armstrong  
2001 William J. Perry  
2002 Stephen J. Ressler & Eugene K. Ressler  
2003 N. Jan Davis  
2004 William Gene Corely, Ph.D  
2005 Bernard Amadei  
2006 Celeste Baine  
2007 Vernon Ehlers  
2008 Gerald E. Galloway  
2009 Henry Petroski  
2010 Karen Panetta  
2011 Clifford Schexnayder  
2012 Bonnie Dunbar  
2013 Paul F. Mlakar, Ph.D., P.E.  
2014 Donald R. Sadoway, Ph.D.  
2015 Suveen N. Mathaudhu, Ph.D.  
2016 Raymond Paul Giroux  
2017 Ainissa G. Ramirez, Ph.D.  
2018 John R. Hall, P.E.

## John Fritz Medal

*The John Fritz Medal is presented each year for scientific or industrial achievement in any field of pure or applied science. It was established in 1902 as a memorial to the great engineer whose name it bears.*

### Past Recipients

1902	John Fritz	1941	Ralph Budd
1903	No award	1942	Everette Lee DeGolyer
1904	No award	1943	Willis Rodney Whitney
1905	Lord Kelvin	1944	Charles F. Kettering
1906	George Westinghouse	1945	John Lucian Savage
1907	Alexander Graham Bell	1946	Zay Jeffries
1908	Thomas Alva Edison	1947	Lewis Warrington Chubb
1909	Charles Talbot Porter	1948	Theodore Von Karman
1910	Alfred Nobel	1949	Charles M. Allen
1911	Sir William Henry White	1950	Walter H. Aldridge
1912	Robert Woolston Hunt	1951	Vannevar Bush
1913	No award	1952	Ervin George Bailey
1914	John Edson Sweet	1953	Benjamin F. Fairless
1915	James Douglas	1954	William Embry Wrather
1916	Elihu Thompson	1955	Harry Alonzo Winne
1917	Henry Marion Howe	1956	Philip Sporn
1918	J. Waldo Smith	1957	Ben Moreell
1919	Gen. George W. Goethals	1958	John R. Suman
1920	Orville Wright	1959	Mervin J. Kelly
1921	Sir Robert A. Hadfield	1960	Gwilyn A. Price
1922	Charles P. E. Schneider	1961	Stephen D. Bechtel
1923	Guglielmo Marconi	1962	Crawford H. Greenewalt
1924	Ambrose Swasey	1963	Hugh L. Dryden
1925	John Frank Stevens	1964	Lucius D. Clay
1926	Edward Dean Adams	1965	Frederick R. Kappel
1927	Elmer Ambrose Sperry	1966	Warren K. Lewis
1928	John Joseph Carty	1967	Walker L. Cisler
1929	Herbert Clark Hoover	1968	Igor Ivan Sikorsky
1930	Ralph Modjeski	1969	Michael L. Haider
1931	David Watson Taylor	1970	Glenn B. Warren
1932	Michael Idvorsky Pupin	1971	Patrick E. Haggerty
1933	Daniel Cowan Jackling	1972	William Webster
1934	John Ripley Freeman (posthumous)	1973	Lyman Wilber
1935	Frank Julian Sprague (posthumous)	1974	H. I. Romnes
1936	William Frederick Durand	1975	Manson Benedict
1937	Arthur Newell Talbot	1976	Thomas O. Paine
1938	Paul Dyer Merica	1977	George R. Brown
1939	Frank Baldwin Jewett	1978	Robert G. Heitz
1940	Clarence Floyd Hirshfeld (posthumous)	1979	Nathan M. Newark
	<i>(John Fritz Medal continued)</i>	1980	T. Louis Austin, Jr.

1981 Ian MacGregor  
1982 David Packard  
1983 Claude Elwood Shannon  
1984 Kenneth A. Roe  
1985 Daniel C. Drucker  
1986 Simon Ramo  
1987 Ralph Landau  
1988 Ralph B. Beck  
1989 Robert N. Noyce  
1990 Gordon A. Cain  
1991 Hunter Rouse  
1992 Serge Gratch  
1993 Gordon E. Moore  
1994 Hoyt C. Hottel  
1995 Lynn S. Beedle  
1996 George N. Hatsopoulos  
1997 Arthur E. Humphrey  
1998 Ivan A. Getting  
1999 George H. Heilmeier  
2000 John W. Fisher  
2001 Paul C. W. Chu  
2002 Daniel S. Goldin  
2003 Robert, S. Langer  
2004 John A. Swanson  
2005 George J. Tamaro  
2006 No Award  
2007 Gavriel Salvendy  
2008 Kristina M. Johnson  
2009 Yvonne Claeys Brill  
2010 Gerald J. Posakony  
2011 Andrew J. Viterbi  
2012 Leslie E. Robertson  
2013 Gregory N. Stephanopoulos, Ph.D.  
2014 Julia Weertman, D.Sc., NAE  
2015 Jon D. Magnusson, P.E.  
2016 H. Vincent Poor, Ph.D., NAE  
2017 Frank Kreith, Doc.Univ.Paris, P.E.  
2018 Anne S. Kiremidjian, Ph.D.

## **AAES Engineering Journalism Award**

*The Engineering Journalism Award recognizes outstanding reporting of an event or issue that furthers public understanding of engineering.*

### Past Recipients

1999 William Allen  
2000 Joel Achenbach, Washington Post  
2001 Jonathan Knight, Knight-Ridder News Service  
2002 Stuart Brown, FORTUNE Magazine  
2003 Richard G. Weingardt  
2004 No award  
2005 Jon Palfreman  
2006 Kenneth Mandel & Daniel Polin  
2007 Aileen Cho  
2008 Chicago Tribune team led by Blair Kamin  
2009 Tom Keiter & Stephanie Ayanian  
2010 No award  
2011 Henry Schipper  
2012 Colonel Mason  
2013 John Murphy-Teixidor  
2014 Joseph W. Palca, Ph.D.  
2015 John Hockenberry  
2016 Jessica M. Morrison, Ph.D.  
2017 Mike Lindblom

## Joan Hodges Queneau Palladium Medal

*Established by the National Audubon Society in 1977, the Joan Hodges Queneau Medal recognizes an individual who encourages cooperation between engineering professionals and environmentalists to create innovative solutions to environmental problems.*

### Past Recipients

1977	H. Beecher Charnbury	1999	No Award
1978	No Award	2000	No Award
1979	No Award	2001	No Award
1980	No Award	2002	William Carrol
1981	No Award	2003	James W. Poirot
1982	No Award	2004	Donald V. Roberts
1983	Dr. Roy W. Hann, Jr.	2005	George G. Wicks
1984	Dr. Barbara-Ann Gamboa Lewis	2006	No Award
1985	Dr. William A. Jester	2007	No Award
1986	Dr. Kenneth R. Daniel	2008	Albert A. Grant
1987	Mr. Thomas K. MacVicar	2009	No Award
1988	Dr. Barney L. Capehart	2010	Clifford W. Randall
1989	Dr. James L. Baker	2011	Raymond A. Ferrara
1990	Dr. Joseph T. Ling	2012	Rao Y. Surampalli
1991	Mr. M. Kent Loftin	2013	Perry L. McCarty, Sc.D.
1992	Dr. Hsieh Wen Shen	2014	Bruce E. Rittmann, Ph.D., NAE
1994	Luna Leopold	2015	Diran Apelian, Sc.D., NAE
1995	Dr. Robert Williams	2016	Wendi Goldsmith, Ph.D., P.G.
1996	Dr. Jared L. Cohon	2017	Jessica E. Kogel, Ph.D.
1997	No Award	2018	D. Yogi Goswami, Ph.D., P.E.
1998	No Award		

## AAES Chair's Award

*The AAES Chair's Award is presented by the AAES Chair to recognize an individual who has made outstanding contributions to the welfare of our nation. Not open to nominations.*

### Past Recipients

1980	John D. Bulkeley	2000	W. Wayne Allen
1981	Robert A. Frosch	2001	Sheila E. Widnall
1982	George A. Keyworth II	2002	Victoria A. Rockwell
1983	Stephen D. Bechtel, Jr.	2003	Rep. Sherwood L. Boehlert (R-NY)
1984	Donald E. Procknow	2004	Andrew Reynolds
1986	Betsey Ancker-Johnson	2005	Russel C. Jones
1987	E. R. Heiberg III	2006	William C. Salmon
1988	Joseph M. Juran and Lloyd M. Thorndyke	2007	William A. Wulf
1989	John H. Sununu	2008	F. Suzanne Jenniches
1990	Don Ritter	2009	Kathryn A. Gray
1991	James D. Watkins	2010	John Mayo
1992	David T. Kearns	2011	Henry J. Hatch
1993	George E. Brown	2012	Norman R. Augustine
1994	Joseph Bordogna	2013	William C. Salmon, P.E.
1995	John D. Rockefeller and Arati Prabhakar	2014	Reginald I. Vachon, Ph.D., P.E.
1996	Russell Susag	2015	Patrick J. Natale, P.E.
1997	Daniel S. Goldin	2016	Betty Shanahan
1998	John H. Gibbons	2017	James L. Melsa, Ph.D.
1999	Robert W. Lucky	2018	Catherine A. Leslie, P.E.