



IEEE-USA Awards and Recognition Committee

Guidelines and Procedures for a Program of Awards for Professional Activities

Part A: IEEE-USA Awards Guide

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The IEEE-USA Awards and Recognition Program - 2015

The IEEE-USA Awards and Recognition Committee is responsible to the IEEE-USA Board of Directors for conducting a program of awards and recognition for contributions and service to engineering professionalism. The program is based on the IEEE Constitution, Bylaws, IEEE Awards Board Manual, and other approved instruments promulgated to guide Institute activities.

This document describes the awards and recognitions available, including complete descriptions of criteria for selections. Specific steps are outlined for submitting nominations to recognize those worthy of being cited for contributions in the quest for professional excellence. In this effort, the IEEE-USA Board of Directors earnestly solicits the support of all U. S. members and other IEEE Boards and Committees to ensure the effective operation of this program and encourages suggestions for its improvement.

Listed below are the key contacts for the Awards and Recognition Program:

- *Bernard Sander, Chair, IEEE-USA Awards & Recognition Committee*
- *Murty Polavarapu, IEEE-USA Vice-President, Communications & Public Awareness*
- *James Jefferies, IEEE-USA President*
- *David Iams, Staff, IEEE-USA Awards & Recognition Committee*

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For additional information, please visit the IEEE-USA website: <http://www.ieeeusa.org>

"Professionalism" as Defined by IEEE Constitution

Wherever the term "professionalism" appears in this Manual, it refers to the definition as contained in Article I, Section 2, of the IEEE Constitution, as quoted below:

Sec. 1. The name of this society is the Institute of Electrical and Electronics Engineers, hereinafter called the IEEE. Sec. 2. Its purposes are: (a) scientific and educational.... (b) professional as directed towards the advancement of the standing of the members of the professions it serves; means to this end include, but are not limited to, the conduct and publication of surveys and reports on matters of professional concern to the members of such professions, collaboration with public bodies and with other societies for the benefit of the engineering professions as a whole, and the establishment of standards of qualification and ethical conduct....The IEEE shall strive to enhance the quality of life for all people throughout the world through the constructive application of technology in its field of competence. It shall endeavor to promote understanding of the influence of such technology on the public welfare.

The IEEE-USA Awards

The IEEE-USA Board of Directors has authorized the following for the purpose of recognizing excellence, outstanding service and contributions to professional activities. The awards are administered by the IEEE-USA Awards and Recognition Committee and have been approved by the IEEE Awards Board and the IEEE Board of Directors.

Professional Award Descriptions

The IEEE-USA Robert S. Walleigh Distinguished Contributions to Engineering Professionalism Award

To honor members of the engineering profession for long-term dedicated effort and outstanding accomplishments in advancing the aims of IEEE professional activities in the United States.

<u>Recognition:</u>	Specially engraved plaque.
<u>Frequency:</u>	One per year. If no suitable candidate is proposed in a given year, the award will not be presented for that year.
<u>Eligibility:</u>	Members of the profession of engineering or allied arts or sciences, in the United States.
<u>Nominations:</u>	Proposals for nominations of candidates for this award shall be made on nomination forms available from the IEEE-USA Office in Washington, D.C., and solicited via publications of suitable notices in SPECTRUM, The INSTITUTE, and in Section and Society newsletters. In addition, a press release shall be made available to appropriate trade and technical publications outside of IEEE.
<u>Basis for Judging:</u>	Selection shall be based on the dedication, effort, quality, and most particularly on clearly successful accomplishment and achievement in advancing the social, economic, legal, and ethical aims of IEEE professional activities.
<u>Selection:</u>	The IEEE-USA Awards and Recognition Committee shall evaluate all proposals and shall select the proposal which, in their judgment, is best and second best as alternate, and recommend the proposed candidate to the IEEE-USA Board of Directors for approval.
<u>Presentation:</u>	Presentation of the award shall normally be made by the IEEE-USA President or a designee at major IEEE-USA Conference such as the IEEE-USA Workshop.
<u>Citation:</u>	Citation may be proposed by the person originating the nomination. It will be reviewed and modified as appropriate by the IEEE-USA Awards and Recognition Committee.

The IEEE-USA Award for Distinguished Public Service

To honor individuals not currently in the practice of engineering for contributions to furthering the professional goals of IEEE in the United States. (These goals may be furthered by such means as promulgating laws or regulations benefiting the profession; influencing industrial environments to foster professionalism; creating curricula or publications designed to enhance professionalism; and other similar activities.)

<u>Recognition:</u>	Specially engraved plaque.
<u>Frequency:</u>	One per year. If no suitable candidate is proposed in a given year, the award will not be presented for that year.
<u>Eligibility:</u>	Members of government bodies, leaders of industry, members of academia, and others outside of the profession of engineering, in the United States.
<u>Nominations:</u>	Proposals for nominations of candidates for this award shall be made on nomination forms available from the IEEE-USA Office in Washington, D.C., and solicited via publications of suitable notices in <u>SPECTRUM</u> , <u>The INSTITUTE</u> , Section and Society newsletters. In addition, a press release shall be made available to appropriate trade and technical publications outside of IEEE.
<u>Basis for Judging:</u>	Evidence of contributions shall include but not be limited to promulgation of laws benefiting the profession; promulgation of regulations benefiting the profession; creating an internal industrial environment to foster professionalism; and establishment of curricula and/or publications designed to enhance professionalism.
<u>Selection:</u>	The IEEE-USA Awards and Recognition Committee shall evaluate all proposals and shall select the proposal which, in their judgment, is best and second best as alternate, and recommend the proposed candidate to the IEEE-USA Board of Directors for approval.
<u>Presentation:</u>	Presentation of the award shall normally be made by the IEEE-USA President or designee preferably at a major IEEE-USA Conference, such as the IEEE-USA Workshop, or a major IEEE Conference or appropriate public affair. However, the recipient shall be given a choice of location for the presentation..
<u>Citation:</u>	The Citation should be proposed by the person originating the nomination. It will be reviewed and modified as appropriate by the IEEE-USA Awards and Recognition Committee

The IEEE-USA George F. McClure Citation of Honor

To honor individuals who have made exemplary contributions toward achieving the aims of professional activities in the United States.

- Recognition:** Specially engraved plaque.
- Frequency:** One to four per year. If no suitable candidate is proposed in a given year, the award will not be presented for that year.
- Eligibility:** Members of the profession of engineering or allied arts and sciences, in the United States.
- Nominations:** Proposals for nominations of candidates for this award shall be made on nomination forms available from the IEEE-USA Office in Washington, D.C., and solicited via publications of suitable notices in SPECTRUM, The INSTITUTE, Section and Society newsletters. In addition, a press release shall be made available to appropriate trade and technical publications outside of IEEE.
- Basis for Judging:** Selection shall be based on outstanding dedication, efforts, significance, and most particularly on clear evidence of successful accomplishments and achievements in advancing the social, economic, legal, and ethical objectives of the profession and thus securing recognition of IEEE professional activities in the United States.
- Selection:** The IEEE-USA Awards and Recognition Committee shall evaluate all proposals and shall select the proposal which, in their judgment, is best and second best as alternate, and recommend the proposed candidate to the IEEE-USA Board of Directors for approval.
- Presentation:** Presentation of the award shall normally be made by the IEEE-USA President or designee at a major IEEE-USA Conference, such as the IEEE-USA Workshop.
- Citation:** Citation shall be proposed by the person originating the nomination. It will be reviewed and modified as appropriate by the IEEE-USA Awards and Recognition Committee.

The K-12 STEM Literacy Committee Educator-Engineer Partnership Award

To recognize collaborative activities between K-12 teachers and technical professionals who are IEEE members.

- Recognition:** Specially engraved plaque. The IEEE-USA K-12 STEM Literacy Committee will reimburse the travel expenses (maximum of \$1,000 each recipient, for a total of \$2,000) incurred by both recipients to attend the above mentioned award ceremony
- Frequency:** Maximum of one team per year. If no suitable candidate is proposed in a given year, the award will not be presented for that year.
- Eligibility:** The nominations for teacher-engineer partnerships are open to all public, private and parochial schools and IEEE members.
- Nominations:** Proposals for nominations of candidates for this award shall be made on nomination forms available from the IEEE-USA Office in Washington, D.C., and solicited via publications of suitable notices in SPECTRUM, The INSTITUTE, Section and Society newsletters. In addition, a press release shall be made available to appropriate trade and technical publications outside of IEEE.
- Basis for Judging:** The IEEE-USA K-12 STEM Literacy Committee will review all award nominations and provide a recommendation to the IEEE-USA Awards Committee of the final candidates. The decision of those two entities will be final, subject to the approval by the IEEE-USA Board of Directors.
- Presentation:** IEEE-USA will recognize the award winners during an award ceremony at a time and venue mutually agreed by the IEEE-USA and the recipients.
- Citation** Citation shall be proposed by the person originating the nomination. It will be reviewed and modified as appropriate by the IEEE-USA Awards and Recognition Committee.

The IEEE-USA Entrepreneur Achievement Award for Leadership in Entrepreneurial Spirit

To recognize a key individual who has been instrumental in furthering both entrepreneurial growth and spirit in the United States.

Recognition: Engraved plaque.

Frequency: One per year

Eligibility: Any IEEE member residing in a U.S. Region (Region 1-6) except current member of the IEEE Board of Directors, the IEEE-USA Board of Directors, the IEEE-USA Awards and Recognition Committee, the IEEE-USA Entrepreneurs Activities Committee, or IEEE staff.

Criteria The nomination for the IEEE-USA Entrepreneur Achievement Award for Leadership in Entrepreneurial Spirit is to exemplify an IEEE member who embodies the spirit of an entrepreneur. The IEEE member has demonstrated this spirit -- "creative mindset" (Faltin, 2007) -- through perseverance by using their own visionary efforts to create a successful business that has commercialized technology products or services. The IEEE member and his or her successful business have advanced society through commerce and community improvement.

Nominations may be for candidates who demonstrate the entrepreneurial spirit, support the goals of IEEE, and improve the general image of the engineer, or engineering profession.

Following are the criteria against which candidates for the award should be measured. These guidelines are for comparison of the pool of nominees:

1. Embodies the spirit of an entrepreneur by having a creative mindset; and by showing perseverance to an entrepreneurial vision
2. Created, started, or founded a successful U.S.-based business, where technology products or services are creating commerce
3. Carries forward the spirit of the entrepreneur in the community through volunteerism
4. Is an active member of IEEE
5. Shows or demonstrates an interest in mentoring future entrepreneurs.

The criteria are designed to provide a framework for continued collaborative relationships between entrepreneurs, would-be entrepreneurs, and mentors working in IEEE-designated fields of interest.

Selection: The IEEE-USA Entrepreneurs Activities Committee (EAC) will review all award nominations and provide a recommendation to the IEEE-USA Awards and Recognition Committee (ARC) of the final candidate. The decision will be final, subject to the approval of the IEEE-USA ARC and the IEEE-USA Board of Directors.

Presentation: IEEE-USA will recognize the award winners during an award ceremony at a time and venue mutually agreed by the IEEE-USA and the recipients.

Citation Citation shall be proposed by the person originating the nomination. It will be reviewed and modified as appropriate by the IEEE-USA Awards and Recognition Committee.

The IEEE-USA Jim Watson Student Professional Awareness Achievement Award

To recognize key individuals for their contributions to Student-Professional Awareness Activities in the United States.

- Recognition:** Specially engraved plaque.
- Frequency:** Up to one award annually. No team nominations will be accepted.
- Eligibility:** Members of the engineering profession or related IEEE fields of interest and students of science, engineering or related IEEE fields of interest in the United States. No current member of the IEEE Board of Directors, the IEEE-USA Board of Directors, the IEEE-USA Awards and Recognition Committee, voting members of the IEEE-USA Student Professional Awareness Committee, or IEEE staff may be candidates, or nominate or endorse candidates for this award.
- Nominations:** Proposals for nominations of candidates for this award shall be made on nomination forms available from the IEEE-USA Office in Washington, D.C., and solicited via publications of suitable notices in SPECTRUM, The INSTITUTE, Section and Society newsletters. In addition, a press release shall be made available to appropriate trade and technical publications outside of IEEE.
- Basis for Judging:** The IEEE-USA Student Professional Awareness Activities Committee (SPAC) will review all award nominations and provide a recommendation to the IEEE-USA Awards and Recognition Committee (ARC). IEEE-USA ARC may approve the recommendation, disapprove the recommendation, or may approve another candidate. If IEEE-USA ARC does not approve the SPAC recommendation, IEEE-USA ARC will provide written notification and rationale to SPAC and will allow SPAC 1 week to provide IEEE-USA further details on SPAC's recommendation. The decision of the IEEE-USA ARC will then be final, subject to the approval by the IEEE-USA Board of Directors.
- Selection:** The IEEE-USA Awards and Recognition Committee shall evaluate all proposals and shall select the proposal which, in their judgment, is best and second best as alternate, and recommend the proposed candidate to the IEEE-USA Board of Directors for approval.
- Criteria:** Following are the criteria against which candidates for the award should be measured. Nominees need not meet every criterion; the following are guidelines for comparison of the pool of nominees:
1. Approximate number of students and/or events impacted by this individual
 2. Demonstrated service towards student-professional awareness activities
 3. Demonstrated success in turning student volunteers into active member grade_volunteers.
- Presentation** Presentation of the award shall normally be made by the President of IEEE-USA or designee at major IEEE-USA conferences, such as the IEEE-USA Annual Meeting.
- Citation** Citation shall be proposed by the person originating the nomination. It will be reviewed and modified as appropriate by the IEEE-USA Awards and Recognition Committee.

The IEEE-USA Regional/Divisional Professional Leadership Award

To recognize those members in the Regions and Divisions for their outstanding leadership efforts in advancing the professional aims of IEEE in the United States within their Regional or Divisional entities.

<u>Recognition:</u>	Engraved plaque.
<u>Frequency:</u>	A maximum of ten per year. Awards will be considered only on the basis of qualified candidates nominated and who receive endorsement of their Regional/Divisional Directors.
<u>Eligibility:</u>	Any IEEE member residing in a U.S. Region (Region 1-6), or any IEEE member of any IEEE Society for activities germane to IEEE-USA objectives.
<u>Nominations:</u>	Proposals for nominations of candidates for this award shall be made on nomination forms available from the IEEE-USA Office in Washington, D.C., and solicited via publication of suitable notices in <u>SPECTRUM</u> , <u>The INSTITUTE</u> , and in Section and Society newsletters. In addition, a press release shall be made available to appropriate trade and technical publications outside the IEEE. <u>The appropriate Regional or Division Director must endorse the nomination (more than one nomination may be endorsed.)</u>
<u>Basis for Judging:</u>	Selection shall be based on dedication, effort, and quality, of accomplishment in advancing the professional aims of the IEEE as they pertain to United States activities on a regional or divisional (Society) basis. Of special importance for the divisional award is that part of IEEE's purposes emphasizing enhancement of the quality of life through the constructive application of technology and promoting understanding of the influence of technology on the public welfare in the United States.
<u>Selection:</u>	The IEEE-USA Awards and Recognition Committee shall evaluate all nominations and shall select those which, in their judgment, best meet the criteria of the award for recommendation to the IEEE-USA Board of Directors for approval.
<u>Presentation:</u>	Presentation of the award shall normally be made by the IEEE-USA President or designee at a major IEEE-USA Conference, such as the IEEE-USA Workshop.
<u>Citation</u>	Citation shall be proposed by the person originating the nomination. It will be reviewed and modified as appropriate by the IEEE-USA Awards and Recognition Committee.

The IEEE-USA Professional Achievement Award

To recognize significant specific contributions, achievements and individual efforts in the development and implementation of professional activities in the United States.

<u>Recognition:</u>	Engraved plaque.
<u>Frequency:</u>	As warranted by suitable accomplishments (for individuals). Maximum of two per year for organizations.
<u>Eligibility:</u>	Members and organizations of the engineering profession in the United States.
<u>Nominations:</u>	Proposals for nominations of candidates for this award shall be made on nomination forms available from the IEEE-USA Office in Washington, D.C., and solicited via publication of suitable notices in <u>SPECTRUM</u> , <u>The INSTITUTE</u> , and in Section and Society newsletters. In addition, a press release shall be made available to appropriate trade and technical publications outside the IEEE.
<u>Basis for Judging:</u>	Selection shall be based on the dedication, effort and quality of an accomplishment achieved on individual effort in the development and implementation of professional activities in the United States.
<u>Selection:</u>	The IEEE-USA Awards and Recognition Committee shall evaluate all nominations and shall select those which in their judgment reflect those contributions and achievements of individual efforts which are singularly significant in developing and implementing professional activities in the United States.
<u>Presentation:</u>	Presentation of the award shall normally be made by the IEEE-USA President or designee at major IEEE-USA Conference, such as the IEEE-USA Workshop.
<u>Citation</u>	A citation should be proposed by the person originating the nomination. It will be reviewed and modified as appropriate by the IEEE-USA Awards and Recognition Committee.

Technical Award Description

The IEEE-USA Harry Diamond Memorial Award

To honor individuals for distinguished technical contributions in the field of electrotechnology while in U.S. Government Service.

<u>Recognition:</u>	Engraved plaque.
<u>Frequency:</u>	One per year. If no suitable candidate is proposed in a given year, the award will not be presented for that year.
<u>Eligibility:</u>	Members and organizations of the engineering profession in the United States.
<u>Nominations:</u>	Proposals for nominations of candidates for this award shall be made on nomination forms available from the IEEE-USA Office in Washington, D.C. and solicited via publication of suitable notices in IEEE publications, and Section and Society newsletters. In addition, a press release shall be made available to appropriate U.S. government laboratories and technical organizations.
<u>Basis for Judging:</u>	Selection shall be based on outstanding technical contributions in electrotechnology while serving in a U.S. government agency.
<u>Selection:</u>	The IEEE-USA Awards and Recognition Committee shall evaluate all proposals and shall select the proposal which, in their judgment, is best and second best as alternate, and recommend the proposed candidate to the IEEE-USA Board of Directors for approval.
<u>Presentation:</u>	Presentation of the award shall normally be made by the IEEE-USA President or designee preferably at a major IEEE-USA Conference, such as the IEEE-USA Workshop, or a major IEEE Conference or appropriate public affair. However, the recipient shall be given a choice of location for the presentation.
<u>Citation</u>	The Citation should be proposed by the person originating the nomination. It will be reviewed and modified as appropriate by the IEEE-USA Awards and Recognition Committee.

Literary Award Description

The IEEE-USA Award for Distinguished Literary Contributions Furthering Public Understanding and the Advancement of the Engineering Profession

To recognize outstanding journalistic or other efforts that contribute to the enhancement and expansion of the public understanding and the advancement of the engineering profession in the United States.

Recognition: Engraved plaque.

Frequency: Up to one award annually. Award will not be made in any year that no qualified nominations are received.

Eligibility: Members and organizations of the engineering profession in the United States.

Nominations: Nominations may be submitted by any IEEE U.S. member or by the publisher, author, radio, or television station, responsible for the effort. The nomination must include complete identification and a copy of the article; or complete identification of the visual or aural media piece, with location and time presented, as well as a summary of what the basic subject is and why the piece meets the objectives in an outstanding way; or complete identification of the media piece and submission of tapes, transcripts or other reasonable evidence that may be used by the panel in judging accompanied by a summary. The article or presentation must have been published, aired or heard in the calendar year within a couple of years preceding the submission of the nomination submission. If the nomination is for multiple pieces or work through a span of time, samples or citations of the literary efforts and a background narrative supporting the rationale for the nomination must be submitted.

No current member of the IEEE Board of Directors, the IEEE-USA Board of Directors, IEEE-USA Awards and Recognition Committee, or IEEE staff may be candidates, or nominate or endorse candidates for this award.

Basis for Judging: Submissions will (a) lead to a better public understanding of the role that engineering professionals contribute to the enhancement and expansion of social, economic and cultural components of life and/or (b) the advancement of the United States professional activities of the IEEE.

Submissions will be judged on their quality in portraying subjects, themes, incidents or editorial content, and may include an individual presentation or a series of presentations that lead to a better public understanding of the role that engineering professionals contribute to the enhancement and expansion of social, economic and cultural components of life. Consideration will be given to the quality of the piece and the contributions made by the author as a result of a singular important literary effort, or as the result of contributions over a period of time or a career that has included numerous contributions which, taken as a whole, reflect effort to communicate successfully and enhance engineering professionalism in appropriate areas of concern such as economics, ethics, legislation, and social and technology policy. Submissions will be limited to those appearing in the public press, visual and aural media, and periodicals produced by groups other than professional engineering organizations in the United States.

Selection: The IEEE-USA Awards and Recognition Committee will judge the nominations or if they deem appropriate, a special panel appointed by the Chair of the IEEE-USA Awards and Recognition Committee will judge. If a special panel is used it shall consist of five persons respected in the field of engineering professionalism, one of whom shall also be experienced in journalism. This panel shall select the submission that, in their judgment, best fulfills the objective, as well as one or two alternates. It

shall include justification for its selections. The submissions will then be reviewed and approved by the IEEE-USA Awards and Recognition Committee and recommended to the IEEE-USA Board of Directors for final approval.

Presentation:

Presentation of the awards to the recipients will be made by the IEEE-USA President at an appropriate major IEEE-USA conference or at another venue which will be mutually agreed upon.

Citation

A citation will be developed by the Awards and Recognition Committee based upon their evaluation of the submission and its subject content. The citation shall briefly describe the subject in addition to such attributes as may be considered relevant.

Other Forms of Recognition

The IEEE-USA Awards and Recognition Committee, in addition to the IEEE awards and criteria previously described, and with the concurrence of the IEEE-USA Board of Directors, will recognize the following individuals for their service to professional activities:

1. Members of the IEEE-USA Board of Directors will be honored with a plaque or certificate recognizing their contributions and service to professionalism, at the conclusion of their terms of office.
2. IEEE-USA Task Force Leaders and Committee Chairs will be honored with a certificate in recognition of their service to professional activities on an annual basis.
3. IEEE-USA President's Special Award: In the past, the IEEE-USA President has been recognized by presentation of a silver tray and/or a plaque with the engraved signatures of the members of the IEEE-USA Board. This recognition is established.
4. The IEEE-USA Awards and Recognition Committee, with the approval of the IEEE-USA Board of Directors, may recommend candidates and cause nominations to be prepared and supported for the IEEE Haraden Pratt Award (for outstanding service to the Institute), and/or the IEEE Founders Medal (for service of great value to the profession).
5. The IEEE-USA Awards and Recognition Committee, with the approval of the IEEE-USA Board of Directors, may recommend candidates and cause nominations to be prepared and supported for consideration by the IEEE Fellows Committee for election to Fellow grade of IEEE membership. (This activity is independent of Awards Board activities).

Additional Information

No current member of the IEEE Board of Directors, the IEEE-USA Board of Directors, the IEEE-USA Awards and Recognition Committee, or IEEE staff may be candidates, or nominate or endorse (with the exception of the Regional/Divisional awards) candidates for IEEE-USA awards.

If substantive achievement in pension activities takes place in a given year, one of the IEEE-USA Citations of Honor is to be set aside as an award for achievement in pensions, and it is to be designated the Fay Young Memorial Award. If no suitable candidate in pension activity is found in a given year, the normal procedure of awarding up to four Citations of Honor for achievement in any professional activity would be followed.

The IEEE Awards Board delegated to the IEEE-USA Awards and Recognition Committee the generation and coordination of the nomination of IEEE members for the several awards given by the American Association of Engineering Societies.

The IEEE Board of Directors delegated authority to the IEEE-USA Board of Directors for approving IEEE-USA Educational Awards and Scholarships.

The IEEE-USA Board of Directors has directed the IEEE-USA Awards & Recognition Committee to mail the ballots listing nominees, including brief summaries of their accomplishments, so as to reach the IEEE-USA Board members at least one week prior to the IEEE-USA Board meeting at which the selections will be made.

For more information about the activities of the IEEE-USA Awards and Recognition Committee, please contact the IEEE-USA Office:

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Appendix – Awards History

Robert S. Walleigh Distinguished Contributions To Engineering Professionalism	
YEAR	RECIPIENT
2014	None Selected
2013	Lennart E. Long
2012	Harold S. Goldberg
2011	James A. Watson
2010	John Meredith
2009	None Selected
2008	Evelyn H. Hirt
2007	Jean M. Eason
2006	None Selected
2005	None Selected
2004	Charles P. Rubenstein
2003	John R. Reinert
2002	Paul J. Kostek
2001	Robert P. Noberini
2000	Michael R. Andrews
1999	George F. McClure
1998	William W. Middleton
1997	James F. Strother
1996	James V. Leonard
1995	Carleton A. Bayless
1994	Charles A. Eldon
1993	Leo Young
1992	Robert F. Tanner

1991	Lawrence P. Grayson
1990	Edward J. Doyle
1988	John M. Richardson
1987	Stephen H. Unger
1986	Richard J. Gowen
1985	Ronald J. Fredricks
1984	Richard J. Backe
1983	Hans C. Cherney
1982	Larry Dwon
1981	Richard Benoit, Jr.
1980	Hilton U. Brown, III
1979	Bruno O. Weinschel
1978	John J. Guarrera

Award for Distinguished Public Service

Year	Recipient
2014	The Honorable Barbara Mikulski
2013	The Honorable John D. Rockefeller IV
2012	David E. Price
2011	Congresswoman Zoe Lofgen
2010	The Honorable Bart Gordon
2009	Shawn Otto & William Wulf
2008	William Wulf
2007	Senator Lamar Alexander
2007	Senator Jeff Bingaman
2006	William B. Bonvillian
2006	David J. Goldston
2005	Joseph Bordogna
2004	Dana Rohrabacher
2003	Norman P. Neureiter
2002	None Selected
2001	Senator Max Baucus
2001	Senator James M. Jeffords
2001	Senator Charles Grassley
2001	Rep. Robert Portman
2001	Rep. Earl Pomeroy
2001	Rep. Benjamin L. Cardin
2000	Cong. Vernon J. Ehlers
1998	Hon. Nancy Kessenbaum
1997	Mary L. Good
1996	Hon. Edward M. Kennedy

1996	Hon. Alan K. Simpson
1995	Hon. Sherwood L. Boehlert
1994	Hon. Sam M. Gibbons
1993	Robert M. White
1992	Craig I. Fields
1991	D. Allan Bromley
1990	Hon. Donald L. Ritter
1989	Erich Bloch
1986	William P. Rogers
1985	Hon. Donald Fugua
1984	Hon. Doug Walgren
1983	Hon. James A. McClure
1982	Hon. John H. Glenn, Jr.
1981	Hon. Thomas J. Downey
1980	Hon. George E. Brown
1979	Hon. Mike McCormack

Harry Diamond Memorial Award

YEAR	RECIPIENTS	CITATION
2014	Stephen C. Butler	For outstanding contributions and exceptional technical leadership in the field of transducer design
2013	David A. Tonn	For contributions to the advancement of submarine antenna technology
2012	Thomas A. Wettergren	For leadership and innovation in the area of operational and information science for undersea warfare
2011	Baruch Levush	For contributions and leadership in the modeling and design of vacuum electronic devices
2010	Rabinder Nath Madan	For leadership in the development of high resolution tracking sensors for defense systems.
2009	James M. McGarrity	For contributions to the understanding of radiation effects in microelectronics, and to the development of defense electronics for harsh environments.
2008	Dwight Woolard	For contributions and leadership in the discovery and development of novel electronic and optoelectronic devices and systems with emphasis on terahertz frequencies.
2007	Meyya Meyyappan	For distinguished technical contributions and engineering leadership in developing nanotechnology applications in sensors, instrumentation and devices.
2005	Clifford Carter	For distinguished technical contributions and exceptional engineering leadership in the field of sonar signal processing.
2004	Robert K. Parker	For leadership in radio frequency vacuum electronics, and pioneering technical contributions in the fields of intense relativistic electron beam technology, free electron lasers and gyro-amplifiers.
2003	Gregory H. Ames	For his significant technical contributions to the field of fiber optic acoustic sensors.
2002	Hans Joachim Liebe	For pioneering contributions to the microwave spectroscopy of oxygen and water vapor and for the development of models of the complex refractivity of the atmosphere
2001	Robert J. Trew	For technical contributions to the theory and design of microwave power devices, and for his leadership in managing DoD's basic research programs.
2000	Mitra Dutta	For innovative design, characterization and realization of high performance heterostructure optoelectronic devices, and establishment of major research programs in this field.
1999	Gerald M. Borsuk	For his outstanding technical leadership and innovative management skills demonstrated during his many years of service at the U.S. Naval Research Laboratory and in advisory roles to the Department of Defense and other U.S. Government agencies.
1998	Michael A. Stroschio	For pioneering contributions to phonon engineering in electronic structures, for seminal contributions to understand relativistic laser-plasma interactions, and for leadership in establishing programs.
1997	Edward E. Altshuler	For significant contributions to the fields of antennas and propagation, including his original work on the resistive

		loaded traveling wave linear antenna and subsequent research on loaded monopole antennas.
1996	George G. Harman	For his authoritative contributions to the microelectronics industry in understanding the science and metallurgy of contact bonding and the implementation of this knowledge in device and packaging interconnection.
1995	J. Mark Pullen	For designing and developing a worldwide network supporting distributed simulation and command and control technology for the U. S. Department of Defense.
1994	Martin Misakian	For his conception, development, and implementation of measurements of power frequency electric and magnetic fields, especially his measurement methodology for fields and ion densities near both AC and DC power transmission lines.
1993	Robert A. Kamper	For pioneering the application of superconducting quantum-mechanical principles to metrology, for directing development of advanced cryoelectronics devices, and for guiding and metrology program supporting the lightwave industry.
1992	Freeman D. Shepherd, Jr.	For contributions and leadership in the invention, understanding, development, and application of metal silicide Schottky diode-based infrared imaging sensors.
1991	Harold L. Hughes	For contributions and leadership in the field of radiation hardening of microelectronic devices.
1990	Robert E. Hebner	For development of electrical measurements and standards for the electric utility industry.
1989	William F. Utlaut	For contributions to ionospheric research and leadership in radio science and engineering.
1988	Richark J. Doviak	For contributions to, and applications of, weather radar science.
1987	Carl E. Baum	For outstanding contributions to the knowledge of transient phenomena in electromagnetics.
1986	T. G. Giallorenzi	For contributions to the development of naval electro-optics and optical fiber technology.
1985	Howard S. Jones, Jr.	For development and application of microwave conformal antennas and millimeter-wave components.
1984	Sydney R. Parker	For fundamental contributions in sensitivity analysis, digital filters, and discrete time modeling.
1983	Merrill I. Skolnik	For fundamental contributions to radar system engineering including antennas, bistatic techniques.
1982	Jules Aarons	For contributions to the understanding of trans-ionospheric wave propagation and its application to satellite communications and navigation.
1981	George Abraham	For development of multi-stable semi-conductor devices and integrated circuits and their application to military system.
1980	Martin Greespace	For contributions to the fields of acoustics and elasticity.
1979	Henry P. Kalmus	For contributions to electronic ordnance systems.

George F. McClure Citation of Honor	
YEAR	RECIPIENT
2014	Dan Christenson Winslow Sargeant
2013	Ronil Hira
2012	Edward L. Kirchner Gerald H. (Gus) Gaynor
2011	Dusty Fisher Henry J. Lindborg John J. Paserba
2010	Harold Adams Dr. CJ Chanjin Chung Thomas J. Gentile A. Mayer Sasson
2009	Thomas C. Jepsen Mitchell A. Thornton
2008	Jim Fancher Thomas R. Schneider Richard Schwarz Edward Perkins
2007	Robert W. McClure Stephen Allen Paul Meisel Tarek Lahdhiri
2006	Grayson W. Randall Donald C. Herres
2005	Clifford Lau Ralph W. Russell, II Thomas F. Rogers Martin M. Sokoloski
2004	George W. Zobrist Philip Holmer Donald W. Hill Glenn S. Tenney
2003	Joseph V. Lillie C. Lee Stogner Ronil Hira Andrew C. Greenberg Charles J. Lord

2002	Larry Nelson Luis Kun Fausto Molinet Melvin Holtz
2001	Lester W. Cory Bruce Angwin James A. Watson Ralph Russell
2000	Robert S. Powers Charles P. Rubenstein Carl Wick Nataraj S. Nataraj
1999	Eleanor R. Adair LeEarl A. Bryant John A. Hoschette
1998	James E. Gover William T. Ritter Walter L. Elden
1997	Marlin P. Ristenbatt Leann Kostek Mauro Togneri
1996	Deborah M. Powers Irwin Weitman Thomas F. Rogers Vernon B. Powers
1995	Michael D. Patena Alvin L. Roelse John W. Steadman Cecilia Jankowski
1994	John E. Martin Les Brown John J. Guarrera Paul J. Kostek
1993	James F. Strother Wayne E. Amacher Carl K. Kintzel Joseph M. DeSalvo
1992	David M. Ostfeld John P. Densler Rudolf E. Henning

1991	Richard B. Marsten William R. Tackaberry William D. Whipkey
1990	William T. Sackett Lois K. May
1989	John J. Miller William W. Middleton Ralph W. Russell II
1988	Lawrence P. Grayson Roger M. Boisjoly
1987	F. Karl Willenbrock Sidney Fernbach Gerald W. Gordon James A. Watson
1986	Walter R. Nial Jack S. Andresen Joseph A. Edminister
1985	Wayne E. Amacher Frederick J. Twogood Benjamin J. Leon John A. Casazza
1984	Robert T. Bronder Richard F. Tax Peter A. E. Rusche Marlin P. Ristenbatt
1983	Wallace D. Decker Robert A. Barden Ronald J. Fredricks Robert J. Frank
1982	Arthur N. Greene James F. Fairman Valdemar Bodin
1981	David C. Lewis Fay L. Young
1980	Robert Bruce Ronald J. Wojtasinski Frank E. Lord Sajjad H. Durrani

1979	Joel B. Snyder Robert F. Cotellessa George Abraham Robert D. Briskman
1978	Harold S. Goldberg Robert A. Rivers Frank H. Palmer Hans C. Cherney Richard J. Backe

Regional Professional Leadership Award	
YEAR	RECIPIENT
2014	Theresa Brunasso - 3 Bill Chiu - 6 Jeffrey Friedhoffer - 2 Nasser Kehtarnavaz - 5 Stephen Kerchberger - 4 Donald Sherwood - 1 Dr. Donghui Wu - 3
2013	Susan Donohue - 1 Denise Griffin - 1
2012	James M. Anderson - 1 Daniel P. Cowan - 5 Charles R. Husbands - 3 Bernard T. Sander - 4 David C. Schoggen - 3 Robert Vice - 1
2011	Kristi J. Brooks - 4 William O. Serre - 4
2010	Jignata Ray - 1 Ashutosh Dutta - 1
2009	Loretta Arellano - 6 G. Thomas Bellarmine - 3 Carole Carey - 2 Uri Moszkowicz - 1 Darlene E. Rivera - 1
2008	Dusty Fisher - 5 Donald W. Hill - 3 John W. Nirschl - 4 R Sampath - 6 Myron F. Wilson - 4

2007	Terrence B. Carr - 5 Greg Hutchins - 6 Maury Miller - 6 Halden A. Morris - 3 Monroe B. Savage - 3 Ravi M. Todi - 3
2006	Carl L. Hussey - 3 James Jefferies 5
2005	Ralph D. Painter - 3 Edward G. Perkins - 6 Ronald A. Tabroff - 1
2004	Parviz Famouri - 2 Robert H. Gauger - Regional Tarek Lahdhiri - 4 William Marshall - 3 Winnfort J. Myles – 6 Hamid Vakilzadian - 4
2003	Charles D. Beaman - 3 Peter Bergsneider - 6 Maura Schreier-Fleming - 5
2002	Eric Ackerman - 3 Ray Aker - 6 Robert Bruckman - 4 Martin Kaliski - 6 Dennis Lamont - 4 Donald Preston - 5
2001	Gayle E. Buroker - 4 Robert S. Bryant - 5 Howard M. Needham - 2 William A. Sims - 3 Gary M. Waugh - 4
2000	Wayne Akerson - 6 Don C. Bramlett - 4 Sean Haynes - 3 Loren Lacy - 5 Daryl L. McCall - 4
1999	Peter Bergsneider - 6 Nataraj S. Nataraj - 2 Barry L. Shoop - 1
1998	Keshoolal Bakhru - 6 Robert J. Dawson - 4 Joseph W. Vick Roy - 6

1997	Hernan E. Pena, Jr. - 3 Clarence Lee Stogner - 3 S. Zafar Taqvi - 5
1996	Thomas W. Doepfner - 2 Robert L. Krause - 5 Joseph V. Lillie - 5
1995	Julian J. Bussgang - 1 David G. Green - 3 David J. Pierce - 5 Richard L. Riddle - 3 Rhonda C. Schennum - 6 M. Don Trundle - 3
1994	James C. Bussert - 6 Madelyn A. Harwood - 4 Rosanna Lerma - 6 Wyman J. Priester III - 2 John R. Reinert - 5
1993	Michael J. Aronstein - 6 Robert H. Gauger - 6 James C. Hastings - 3 Carolyn T. Koenig - 6 Michael D. Patena - 2 K. James Phillips, Jr. - 2 Alan B. Showalter - 4
1992	Jean M. Eason - 5 Mary-Ann M. Boyce - 2 Joseph S. Iandiorio - 1 Richard E. Larson - 6
1991	R. Steven Brown - 5 Gerald F. Jennings - 1 John W. Meredith - 5 Glen R. Thoren - 1
1990	Floyd W. Blum - 3 Merrill W. Buckley, Jr. - 2 Edward B. Farkas - 1 Max B. Goldberg - 4 Seymour Krevsky - 1 S. K. Leong - 6 Albert J. Rosa - 5 Francine E. Wright - 6 Joseph H. Wujek - 6

1989	Michael R. Andrews - 6 Mark H. Arndt - 6 Peter Bergsneider - 6 Carl K. Kintzel - 4 Wallace A. Skelton - 2
1988	Bruce A. Burr - 6 Frederick D. Chichester - 1 Louis A. Luceri - 1 George F. McClure - 3 Robert R. Sinusas - 1 S. Zafar Taqvi - 5
1987	Robert T. Bronder - 6 Beth A. Cooper - 2 John P. Densler - 1 Danny L. Michaels - 5 Kenneth J. Schlager - 4
1986	Layton A. Bergen - 6 Alvin L. Roelse - 5 James F. Strother - 2
1985	Diane J. Barney - 4 Otto M. Friedrich, Jr. - 5 Gerald W. Gordon - 2 Ralph A. Lamm - 6 Robert T. Nash - 3 Victor G. Zourides - 1
1984	Sandra K. Bidwell - 6 Malcolm M. Drummond - 1 John J. Miller - 3 John D. Peebles - 5 George Poletti - 2 John E. Waters - 4
1983	Alfred H. Barauk - 6 George R. Dean - 5 David W. Ford - 4 Alex Gruenwald - 1 Joseph A. Wiencko, Jr. - 3 Robert E. Weiler - 2
1982	John H. Sees - 3 David V. Serreyn - 4 William D. Whipkey - 5

1981	Henry N. Bowes - 5 Joseph A. Edminister - 2 Arthur N. Greene - 3 Paul V. Schwarz - 4 Richard F. Tax - 1
1980	Melvin N. Abramovich - 2 Valdemar Bodin - 3 Michael R. Cheek - 4 Harry M. Cronson - 1 Jack J. Nawrocki - 6
1979	John I. Barron - 3 David L. Johnson - 5 Kenneth L. McGowan - 6 Marlin P. Ristenbatt - 4 Arthur L. Rossoff - 1 James F. Strother - 2
1978	John L. Alexander - 3 Thomas R. Cuthbert - 5 Ronald J. Fredricks - 4 Herb H. Heller - 2 Joel B. Snyder - 1 George H. Starr - 6

Divisional Professional Leadership Award	
YEAR	RECIPIENT
2014	None Selected
2013	Saeed Kamalinia
2013	Stephanie White
2012	Chi-Ming Chen (III)
2011	Saifur Rahman
2009	Kevin Taylor
2008	Richard Kolodziejczyk
2007	John Prohodskey (VIII)
2005	Guruprasad Madhavan (X)
2003	Edwin L. Averill
2003	Zafar Taqvi
2002	Frank E. Lord
2002	John Ballance
2001	Alfred U. Mac Rae

2001	Dr. Russell F. Henke (VI)
2001	Jesse J. Taub
2001	Luis T. Gandia (VI)
2001	Robert H. Gauger (VI)
2000	Behnam Malakooti
2000	Edward C. Wong
2000	Matthew R. Bedosky
2000	Sajjad H. Durrani
2000	Tim Grayson (IX)
1999	Norman D. Miller (IX)
1998	Fiorenza C. Albert-Howard (V)
1998	Mehmet Toy (III)
1997	Charles P. Rubenstein (VI)
1996	Ned R. Sauthoff (VII)
1995	Peter J. May (III)
1994	Janet H. Rochester (VI)
1994	Julian Forester (IV)
1994	Vernon E. Gardner (VI)
1993	George F. Seebeck, Jr. (VII)
1993	Paul J. Kostek (IX)
1992	Al Gross (IX)
1992	Frank E. Lord (IX)
1992	George F. Rodgers (IX)
1992	John A. Casazza (VII)
1992	John F. Osborn (IV)
1991	George J. Simonis (I)
1991	Oscar N. Garcia (V, VIII)
1990	Baruch Berman (II)
1988	Allan T. Mense (VIII)
1987	William D. Lang (VIII)
1986	James F. Strother (VI)
1985	Lynn W. Ellis (III)
1985	Robert P. Noberini (VII)
1985	William A. Jarzembki (X)

Professional Achievement Award	
YEAR	RECIPIENT
2014	Paul E. Dahlen George C. Giakos Brian J. Kennedy Dr. Hakduran Koc Sampathkumar Veeraraghavan Tim Weil Sherali Zeadally IEEE Boston Entrepreneur's Network
2013	Mohammad "Mo" Jamshidi Meyya Meyyappan Nagi Naganathan Lee Oien
2012	Eric W. Burger Jerry E. Knotts Kenneth J. Reid
2011	Richard H. Lamb James M. Conrad Guruprasad Madhavan Richard L. Robinson Perry Sprawls
2010	Mohammad H. Berri Rockwell Collins Russell Lefevre Bob Parro Veronika A. Rabl Saifur Rahman Abby Robinson Dorota Temple Christos Zahopoulos
2009	Boeing Gary Bishop Gordon W. Young John M. Richardson Kheng Swee Goh Michael Hayes Vishnu Pandey
2008	Emily Sopensky Martin Izaak

2007	Dominion Kevin Taylor Nita Patel Robert K. Menzel
2006	Donald C. Loughry Maura Schreier-Fleming Reza Adhami
2005	Linda Bailey Hayden Srinivas Katkoori
2004	C. Lee Stogner George F. McClure Luke R. Maki
2002	David Flinchbaugh Edwin Podell John Pease New Horizons Telecom, Inc. Schweitzer Engineering Laboratories, Inc.
2001	Carl K. Kintzel David C. Niemi Howard Kohlbacher Kathryn J. Rinehart Richard G. Molyet Tarek Lahdhiri
2000	Fred Kobashikawa Hal Dendurent James D. Allen Rory A. Cooper Russell H. Kinner Shelly R. Born William Kelly
1999	Ataur Rahman Donald E. Rickerson Donald J. Silversmith Julie K. Gaevart Vic Melville
1998	David G. Green Eremita P. De Miranda Ken Doniger Michael P. Stark
1997	Jack Sippel James O. Everly

1996	Gary E. Johnson Gordon L. Mitchell Harvey Altstadter Henry A. Burger Jorge Medina William L. Aseniero
1995	Jorge Medina Nataraj S. Nataraj Thomas F. Rogers
1994	Buron A. LeVine Nigel J. A. Bristow Shankar T. Lakhavani
1993	Adeeb Alex Hamzey Alan K. McAdams Charles E. Antoniak Irwin Weitman Michael R. Andrews Peter J. May Rodger W. York
1992	David J. Pierce Harb S. Hayre Herb L. Forsythe, Jr. Marlin P. Ristenbatt Paul L. Hazan Robert A. Rivers Robert S. Powers Stuart N. Levy
1991	Andrew C. Lindberg David M. Ostfeld Lawrence R. Knapp Will Stackhouse
1990	Barbara Kent Harry D. Bostic Irving Reingold James A. Watson Jay Gilbert
1989	Bernard H. Manheimer John E. Spencer, Jr. Walter Bury

1988	George R. Dean Martin Izaak Richard F. Tax Wallace D. Decker
1987	Arvid G. Larson Charles R. Wright David B. Cousins Donald W. Cramer Irving J. Gabelman John J. Kelleher Lois K. Moore Robert E. Ludlum
1986	Billy E. Jones Don E. Cottrell James V. Leonard Joseph M. Biedenbach William F. Wilkes William T. Sackett
1985	Baruch Berman Charles I. Coy Edward Ptak G. F. Paskusz James J. Rooney John E. Bennett K. P. Lau Kenneth L. Black Laura Rust Lawrence P. Grayson Michael Chester Orin Laney Robert E. Dakin Roger Ziemer Stafford Cuffe Walter Bury

1984	Dean L. Bacon Diane J. Barney Gary D. Wylie James A. Watson John Rini Joseph A. Wiencko, Jr. Larry Dwon Milton D. Rubin Sidney Fernbach Vernon E. Gardner Walter R. Nial
1983	Alice C. Brown Anthony J. Hornfeck Anthony Lamb Carole Patton David A. Conner David J. Dumin David J. Schultz Duane Matthiesen Dwight A. Clayton Eleferios N. Tsengas Forrest L. Staffanson Gerald E. Baehler John C. Handy John D. Peebles John J. Miller Karl B. Jennings Lawrence D. Edelman Malcolm M. Drummond Michael P. Perry Paul Engler Walter R. Nial Wayne E. Amacher William A. Jarzembski

1982	Amedeo Qualich Charles R. Bond David Leichtman David W. Ford Donald W. Hill Elefterios N. Tsengas Eugene C. Huebschmann John J. Guarrera Malcolm M. Drummond Roger Heintz William Y. Bishop
1981	Calvin Dunigan Duane Matthiesen John Andrews John F. Foulkes Karl O. Sommer Lewis N. Thomas Milton Alpern Milton D. Rubin Nathan Aron Robert R. Sinusas Roger F. Madden
1980	Arthur M. Bueche Benton Bejach Charles A. Nicita Harb S. Hayre Harrison H. Schmitt John Andrews Michael Davis Ralph I. Cole Ron Walters Ronald L. Sprague Sandra K. Bidwell Victor G. Zourides Walter L. Elden

1979	Cathy Figorito Donald W. Haney Edward A. Wolff Eugene C. Huebschmann Frank E. Lord Frederick G. Suffield Herbert Lavin Jack Jatlow Jim Davis Joseph M. Erbacher Lester A. Fetting Luther G. Smith Melvin N. Abramovich Richard F. Tax Richard W. Damon Robert A. Barden Robert J. Bush Stanley Roth Stephen F. Kowel Valdemar Bodin
1978	Charles C. Olsefsky Charles W. Pender, Jr. Frank E. Lord Frederick G. Suffield George F. Kujawski Gerald P. Parsons H. Mark Grove Harry M. Cronson Jack S. Andresen James R. Bond Jane G. Evans K. Reed Thompson Lawrence D. Edelman Richard F. Tax Robert Bruce Robert T. Bronder Stella Lawrence William R. Riggs

Electrotechnology Transfer Award (Award No Longer Given)		
YEAR	RECIPIENT	CITATION
2010	No Recipient	N/A
2009	No Recipient	N/A

2008	No Recipient	N/A
2007	Michael J. Duarte	For technology transfer to medical diagnostics by applying digital imaging enhancement -- used for finding underwater objects to detecting small lesions in mammograms.
2006	No Recipient	N/A
2005	No Recipient	N/A
2004	David O. Patterson	For spearheading development of advanced lithographic approaches and tools that foster exceptional advances in Department of Defense system capabilities and their transfer to commercial application.
2003	No Recipient	N/A
2002	No Recipient	N/A
2001	Adam M. Kissiah, Jr.	For contributions in the fields of aerospace instrumentation, including developing principles of the Cochlear implant device.
	Jan F. Lindberg	For innovative transducer concepts that have advanced the art and science of underwater acoustic technology.
2000	Ron Gilbert	For his foresight and leadership in RF Tagging technology as technical task-force lead on more than 50 RF tagging projects.
1999	Michael V. Scanlon	For his invention and development at the U.S. Army Research Laboratory of an Acoustic Monitoring Pad for measuring physiological parameters and his initiative in the subsequent adaptation of this technology to a state-of-the-art Sudden Infant Death Syndrome Monitor and Stimulator.
	William J. Kaveney	For his outstanding record in initiating, negotiating, and executing more than 85 Cooperative Research and Development Agreements for his directorate of the U.S. Air Force and for managing nearly a quarter of the Air Force's active technology transfer licenses.
1998	Jerry Olson	For research and development of a gallium indium phosphide/gallium arsenide (GaInP2/GaAs) cascade solar cell using a tandem design, and its successful adaptation by the commercial satellite industry.
1997	No Recipient	N/A
1996	Allen C. Newell	For his leadership role in the development and implementation of antenna near-field scanning methods, and his pivotal role in transforming a theoretical development into a practical measurement tool which has become the preferred method for evaluation and testing of advanced antennas.
	B. Don Russell	For his research and development in the application of microcomputers and signal processing to electric power distribution protection and automation which, with his considerable assistance, is being applied and marketed by General Electric Company as the Digital Feeder Monitor for detecting high impedance and conventional overcurrent

		faults on distribution feeders.
1995	Clark A. Hamilton	For providing services that collectively have resulted in the practical introduction of a new voltage standard based on Josephson-junction arrays into industry and the general metrology community of measurement systems.
	John Clarke	For the development, transfer and commercialization of a key invention - a novel, ultra sensitive magnetometer based on direct current SQUID's (Superconducting Quantum Interference Devices) using high transition temperature (high Tc) superconductors and operating in liquid nitrogen at 77K.
1994	Michael J. Marcus	For his pioneering work in the conception, drafting, and enactment of the Federal regulations that legalized commercial spread spectrum radio under FCC Part 15, the rules governing unlicensed devices; thus spawning a multimillion dollar, worldwide, wireless industry.
	Richard A. Stern	For his aggressive utilization of the tools of the Federal Technology Transfer Act of 1986 to compile an impressive record of fifty-five signed Cooperative Research and Development Agreements (CRADAs) and fifteen Patent License Agreements.

IEEE-USA Award for Distinguished Literary Contributions Furthering Public Understanding and the Advancement of the Engineering Profession

This award is the result of merging the Distinguished Literary Contributions Furthering Public Understanding of the Profession Award and the Distinguished Literary Contributions Furthering Engineering Professionalism Award.

YEAR	RECIPIENT	CITATION
2014	Allison Marsh and Lizzie Wade	For outstanding journalistic effort in returning prominence to the historical significance of the Smithsonian Institute's engineering collection
2013	Judith Love Cohen	For a lifetime dedication to journalistic STEM education for young women

Distinguished Literary Contributions Furthering Public Understanding of the Profession Award

This award is now merged with the Award for Distinguished Literary Contributions Furthering Public Understanding and the Advancement of the Engineering Profession

YEAR	RECIPIENT	CITATION
2011	Beryl Lieff Benderly	For outstanding journalistic effort in educating the public about the influence of engineering in medicine
2010	Colonel Mason	For increasing public understanding of the profession through the weekly radio program, The Promise of Tomorrow
	Bryan Mealer and William Kamkwamba	For telling the inspiring story of how engineering can change the world with their book, The Boy Who Harnessed the Wind.

2009	Randy Atkins	For increasing public understanding of the profession through weekly radio Engineering Innovation reports
	Holly Morris	For increasing public understanding of the profession through live television reporting of the National Engineers Week Future City Competition
2008	John Dodge	For increasing public understanding of engineering with his series of articles on the key new technologies in the 787 Dreamliner
	Alan Boyle	For increasing public understanding of engineering with his series of articles on future engineering challenges
2007	Matt Wickenheiser	For his series, Investigative Report: Foreign Labor, that improved public understanding of visa fraud issues
2006	WESH 2 News	For accurate reporting in the "Return to Flight" series, which improved community awareness and understanding of the contributions of engineers in the space program
2005	C. Stewart Gillmor	For his biography, Fred Terman at Stanford, illustrating the importance of electrical and electronics engineering, and the contributions of this transformative engineer
2004	William J. Mitchell	For increasing public understanding of information technology in everyday life through his book, Me++: The Cyborg Self and the Networked City
	Terri Spitz, Steven Cooper and Scott Schroeder	For increasing public understanding of the impacts on engineering employment due to the H-1B and L-1 visa programs through their TV news series, Stolen Jobs
2003	William S. Hammack	For creating public understanding of engineering, science and technology through his weekly public radio series, Engineering and Life.
	Ben Shneiderman	For his book, Leonardo's Laptop: Human Needs and the New Computing Technologies.
2002	Ben W. Stearns	For his book, Arthur Collins: Radio Wizard.
2001	Stuart F. Brown	For his articles Big Jobs are Going to Micromachines, and Good-Bye Test Tubes, Hello, Labs-on-a-Chip.
	David Kestenbaum	For his National Public Radio features, including The Birth of Digital.
2000	Jon Katz	For his book Geeks: How Two Lost Boys Rode the Internet out of Idaho.
1999	Whitfield Diffie and Susan Landau	For their co-authorship of Privacy on the Line, The Politics of Wiretapping and Encryption, a book explaining in clear prose the national security, law enforcement, and commercial and civil liberties issues related to cryptography and security and their significance for a democratic society.
	Gary Dorsey	For his book Silicon Sky: How One Small Start-up Went Over the Top to Beat the Big Boys into Satellite Heaven, the dramatic story of the efforts of Orbital Sciences

		Corporation to build its own rockets and satellites to compete in the global market of personal communications.
1998	G. Pascal Zachary	Recognizing outstanding journalistic or other efforts that contribute to the enhancement and expansion of public understanding of the engineering profession in the United States.
	David H. Gelernter	Recognizing outstanding journalistic or other efforts that contribute to the enhancement and expansion of public understanding of the engineering profession in the United States.
1997	T. A. Heppenheimer	Recognizing outstanding journalistic or other efforts that contribute to the enhancement and expansion of public understanding of the engineering profession in the United States.
	Ingred Wicklgren	Recognizing outstanding journalistic or other efforts that contribute to the enhancement and expansion of public understanding of the engineering profession in the United States.
1996	Jon Palfreman	Recognizing outstanding journalistic or other efforts that contribute to the enhancement and expansion of public understanding of the engineering profession in the United States.
1995	Philip E. Jenks	Recognizing outstanding journalistic or other efforts that contribute to the enhancement and expansion of public understanding of the engineering profession in the United States.
1994	Robert C. Post	Recognizing outstanding journalistic or other efforts that contribute to the enhancement and expansion of public understanding of the engineering profession in the United States.
	John M Staudenmair	Recognizing outstanding journalistic or other efforts that contribute to the enhancement and expansion of public understanding of the engineering profession in the United States.
	Eugene S. Ferguson	Recognizing outstanding journalistic or other efforts that contribute to the enhancement and expansion of public understanding of the engineering profession in the United States.
1993	Walter J. Schuch	Recognizing outstanding journalistic or other efforts that contribute to the enhancement and expansion of public understanding of the engineering profession in the United States.
	Jon Van	Recognizing outstanding journalistic or other efforts that contribute to the enhancement and expansion of public understanding of the engineering profession in the United States.
1992	Kitta MacPherson	Recognizing outstanding journalistic or other efforts that contribute to the enhancement and expansion of public understanding of the engineering profession in the

		United States.
	Emerson W. Pugh	Recognizing outstanding journalistic or other efforts that contribute to the enhancement and expansion of public understanding of the engineering profession in the United States.
1991	Richard F. Harris	Recognizing outstanding journalistic or other efforts that contribute to the enhancement and expansion of public understanding of the engineering profession in the United States.
	Eleanor R. Adair	Recognizing outstanding journalistic or other efforts that contribute to the enhancement and expansion of public understanding of the engineering profession in the United States.
1990	Robert W. Lucky	For his visionary book Silicon Dreams and his informative interview in the series "A World of Ideas" on the public Broadcasting Service.
1988	David E. Lundstrom	For his incisive personal look at a pioneering engineering project in his book, A Few Good Men from Univac.

Distinguished Literary Contributions Furthering Engineering Professionalism Award

This award is now merged with the Award for Distinguished Literary Contributions Furthering
Public Understanding and the Advancement of the Engineering Profession

YEAR	RECIPIENT	CITATION
2011	Patrick Thibodeau	For outstanding literary effort in reporting on engineering technology and public policy
2010	Robert Kanigel	For his substantial body of work on science, technology, and engineering and their place in the world.
2009	Lee Howard	For investigative reports on the misuse of the H-1B Visa Program.
2008	Richard A. Ellis	For substantial and sustained contributions that have significantly improved the understanding of science and engineering labor markets by professionals and public policymakers.
2002	David E. Brown	For his book, <i>Inventing Modern America: From the Microwave to the Mouse</i> .
	Abigail J. Sellen and Richard H. R. Harper	For Co-Authoring the book, <i>The Myth of the Paperless Office</i> .
2001	Todd Yuzuriha	For his book, <i>How to Succeed As An Engineer: A Practical Guide to Enhance Your Career</i> .
	Ellen E. Schultz	For her contributions to the understanding of pension and pension portability issues via her articles for <i>The Wall Street Journal</i> .

1997	Karen W. Ferguson	Recognizing those who have made outstanding contributions through their literary efforts to the advancement of the U. S. professional objectives of IEEE.
1996	Irving J. Gabelman	Recognizing those who have made outstanding contributions through their literary efforts to the advancement of the U. S. professional objectives of IEEE.
1995	Lawrence P. Grayson	Recognizing those who have made outstanding contributions through their literary efforts to the advancement of the U. S. professional objectives of IEEE.
1994	Steven Marcus	Recognizing those who have made outstanding contributions through their literary efforts to the advancement of the U. S. professional objectives of IEEE.
1993	Jonathan A. Titus	Recognizing those who have made outstanding contributions through their literary efforts to the advancement of the U. S. professional objectives of IEEE.
1992	Roland Schinzinger	Recognizing their outstanding contributions through their literary efforts to the advancement of the U. S. professional objectives of IEEE.
1992	Michael W. Martin	Recognizing their outstanding contributions through their literary efforts to the advancement of the U. S. professional objectives of IEEE.
1991	Robert K. Bellinger	Recognizing those who have made outstanding contributions through their literary efforts to the advancement of the U. S. professional objectives of IEEE.
1990	Samuel C. Florman	For his book <i>The Civilized Engineer</i> , with its thought-provoking essays on engineering, its status in society and role in our technological future.
1988	Larry Dwon	For his writings on engineering professionalism in power- and utility-oriented publications, as well as IEEE, honorary society,
2011	Patrick Thibodeau	For outstanding literary effort in reporting on engineering technology and public policy

K-12 STEM Literacy Committee Educator-Engineer Partnership Award	
YEAR	RECIPIENT
2014	Cary James (Educator) and Mohamad Musavi (Engineer)
2013	Mary Smith (Educator) and John Zulaski (Engineer)
2012	Ryan Harvey (Educator) and Manuel R. Muro, Jr. (Engineer)

2011	Melissa Stadtfeld (Educator) and Freddie P. Wong (Engineer)
2010	Marion Zeiner (Educator) and Percy F. Shadwell, Jr. (Engineer)
2009	Richard Sanders (Educator) and George R. Haus (Engineer)
2008	None Selected
2007	Christopher Benedict (Educator) and Moises Case (Engineer)
2006	Joy Huebel (Educator) and Renator Recio (Engineer)
2005	Robert Cornacchioli (Educator) and James Jensen (Engineer)
2004	William G. Speed, Jr. (teacher) and Mark R. Rognstad (engineer)
2003	Alan D. Mays (teacher) and William Conrad (engineer)

Entrepreneur Achievement Award for Leadership in Entrepreneurial Spirit		
YEAR	RECIPIENT	CITATION
2014	Milton Chang	In recognition of excellence in entrepreneurship and his contributions as a mentor and prolific founder of U.S.-based businesses
2013	Richard Zulch	For fostering the spirit of entrepreneurship through a lifetime of innovation, philanthropy, and volunteerism
2012	William H. Weedon III	For supporting entrepreneurial small business growth
2011	Richard Odenberg	For helping entrepreneurs achieve greater success through mentorship and education
2010	Dileep Rao	For contributions in the areas of entrepreneurship, innovation, and development of future engineering businesses

Jim Watson Student Professional Awareness Achievement Award		
YEAR	RECIPIENT	CITATION
2014	Julie Gaever	For advancing professional awareness among IEEE student members and leadership in the IEEE-USA Student Professional Awareness Committee
2013	John Paserba	For advancing student professional awareness activities; and for leadership in the IEEE-USA Student Professional Awareness Committee and the IEEE Student Activities Committee
2012	John Golzy	For long-term contributions to advancing professional awareness among IEEE student members.
2011	Charles K. Alexander	For long-term contributions advancing professional awareness among IEEE student members.

Other Awards/Recognition

2014 - The IEEE-USA President awarded a Presidential Citation to Governor Jay Inslee for his steadfast efforts to promote and strengthen Washington State's technology-based workforce and economy, and leveraging public-private alliances to advance fields as diverse as aerospace, information technology, and clean energy. This citation was presented to Governor Inslee at the IEEE Seattle 110th Anniversary Celebration Gala on October 19, 2014 in Seattle., WA.

2014 - The IEEE-USA President awarded a Presidential Citation to Senator Maria Cantwell (WA) for her efforts to shape legislation and policy that strengthens America's technology workforce and global competitiveness, and for ably representing the interests of her STEM constituents in the U.S. Senate. This citation was presented to Senator Cantwell at the IEEE Seattle 110th Anniversary Celebration Gala on October 19, 2014 in Seattle, WA.

2013 - The IEEE-USA President awarded a Presidential Citation to Marsh U.S. Consumer representative, Graham Fuller, and UL Environment representative, Tanya Barry at the Opening Ceremony of the 2013 IEEE-USA Annual Meeting in Portland, OR. In addition, IEEE-USA staff member, Debbie Rudolph who was retiring in October, was also recognized for her service and dedication to IEEE-USA with a plaque at the Opening Ceremony of the 2013 Annual Meeting in Portland, OR.

2012 - The IEEE-USA President awarded a Presidential Citation to Boeing. Their representative, James Leonard was presented a plaque at the Awards Ceremony held during the 2013 IEEE-USA Annual Meeting in Portland, OR.

2011 - The IEEE-USA President awarded a Special Citation to Boeing and Marsh U.S. Consumer. Boeing's representative, James Leonard and Marsh's representative Graham Fuller were presented plaques at the Awards Ceremony held during the 2012 IEEE-USA Annual Meeting in Cincinnati, OH.

2010 - The IEEE-USA President awarded a Special Citation to Boeing. Their representative, James Leonard was presented a plaque at the Awards Ceremony held during the 2011 IEEE-USA Annual Meeting in Austin, TX.

2008 -The IEEE-USA President awarded a Special Citation to Boeing. Their representative, James Leonard was presented a plaque at the Awards Ceremony held during the 2009 IEEE-USA Annual Meeting in Salt Lake City, UT.

2007 - The IEEE-USA President awarded a Special Citation to Boeing. Their representative, James Leonard was presented the plaque at the Awards Ceremony held during the 2008 IEEE-USA Annual Meeting in Indianapolis, IN. Emily Sopensky was also awarded a Special Citation for her role as the General Chair of the IEEE RFID 2007 Conference Organizing Committee.

2006 - The IEEE-USA President awarded a Special Citation to Boeing and Hewlett Packard. Boeing's representative, James Leonard and Hewlett Packard representative, Vishnu Pandey were presented them with a plaque at the Awards Ceremony held during the 2007 IEEE-USA Annual Meeting in Scottsdale, AZ.

2005 - The IEEE-USA President awarded a Special Citation to Mr. Anil and Ron Hira for furthering public understanding of an economic trend that has profound implications for the engineering profession in the United States through their book, *Outsourcing America*. Boeing was also presented a Special Citation for

continuing support of IEEE-USA conferences, especially in the areas of diversity in the workforce and professional development. The 2006 President, Ralph W. Wyndrum, presented Mr. Anil and Ron Hira and the Boeing representative, James Leonard, with a plaque during the Awards Ceremony held during the 2006 IEEE-USA Leadership Workshop in St. Louis, MO

2004 - The IEEE-USA President awarded a Special Citation to Mr. Nigel J.A. Bristow for his tireless efforts and devotion to enhancing the careers and professional development of U.S. IEEE members. The 2005 President, Gerard A. Alphonse, presented him with a plaque during the Awards Ceremony held during the 2005 IEEE-USA Leadership Workshop in Tucson, AZ.

2004 - Managing Director, Thomas Suttle retired. He received a plaque signed by the three Presidents

2003 – The IEEE-USA President awarded a Special Citation to Ms. Peggy Hutcheson for her tireless efforts and devotion to enhancing the careers and professional development of U.S. IEEE members. The 2004 President, John W. Steadman, presented her with a plaque during the Awards Ceremony held during the 2004 IEEE-USA Leadership Workshop in Atlanta, GA.

2003 - The IEEE-USA President awarded a Special Citation to Mr. Erwin Gangl for his collaboration with the IEEE Student Branch at the Air Force Institute of Technology (AFIT) to set up a display with IEEE-USA to commemorate the avionics developed in the first 100 years of flight. The 2003 President, James V. Leonard, presented him with a plaque at the AESS PLANS Conference in Monterey, CA.

1997 - USAB Senior Specialist Robert S. Walleigh retired. He received a plaque signed by members of the 1997 United States Activities Board. The Managing Director for Professional Activities Tom Suttle presented him with a book of memoirs which is a collection of articles contributed by volunteers and staff. Robert S. Walleigh also received American Express Gift Cheques.

1997 - USAB Chair presented a Special Citation to Ms. Peggy Hutcheson for her leadership and ongoing contributions to the work of the IEEE-USA Career Maintenance and Development Committee, and to the Employment Assistance Committee for their work on establishing, expanding and enhancing the IEEE-USA Job Listing Service.

1996 The USAB Chair presented a Special Citation to Joyce I. Medalen (University of North Dakota) for her years of service in encouraging young people, particularly women, to consider a career in engineering. The Chair also presented a Special Citation to the Phoenix Section for their many services over the years which have led to valuable and enjoyable PACE conferences.

1993 - Donald Christiansen retired as Editor and Publisher of Spectrum and The Institute. He received a plaque at the PACE Workshop.

1992 - Staff Director Leo C. Fanning retired. He received a plaque signed by past eight Vice Presidents for Professional Activities, a framed IEEE-USA Certificate of Appreciation and a cordless drill. General Manager Eric Herz also retired in 1992 and received a framed IEEE-USA Certificate of Appreciation.