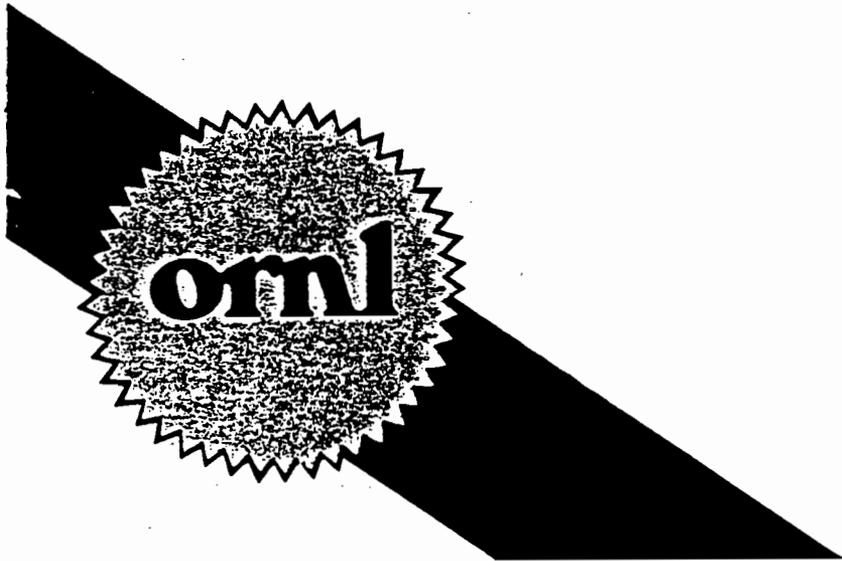
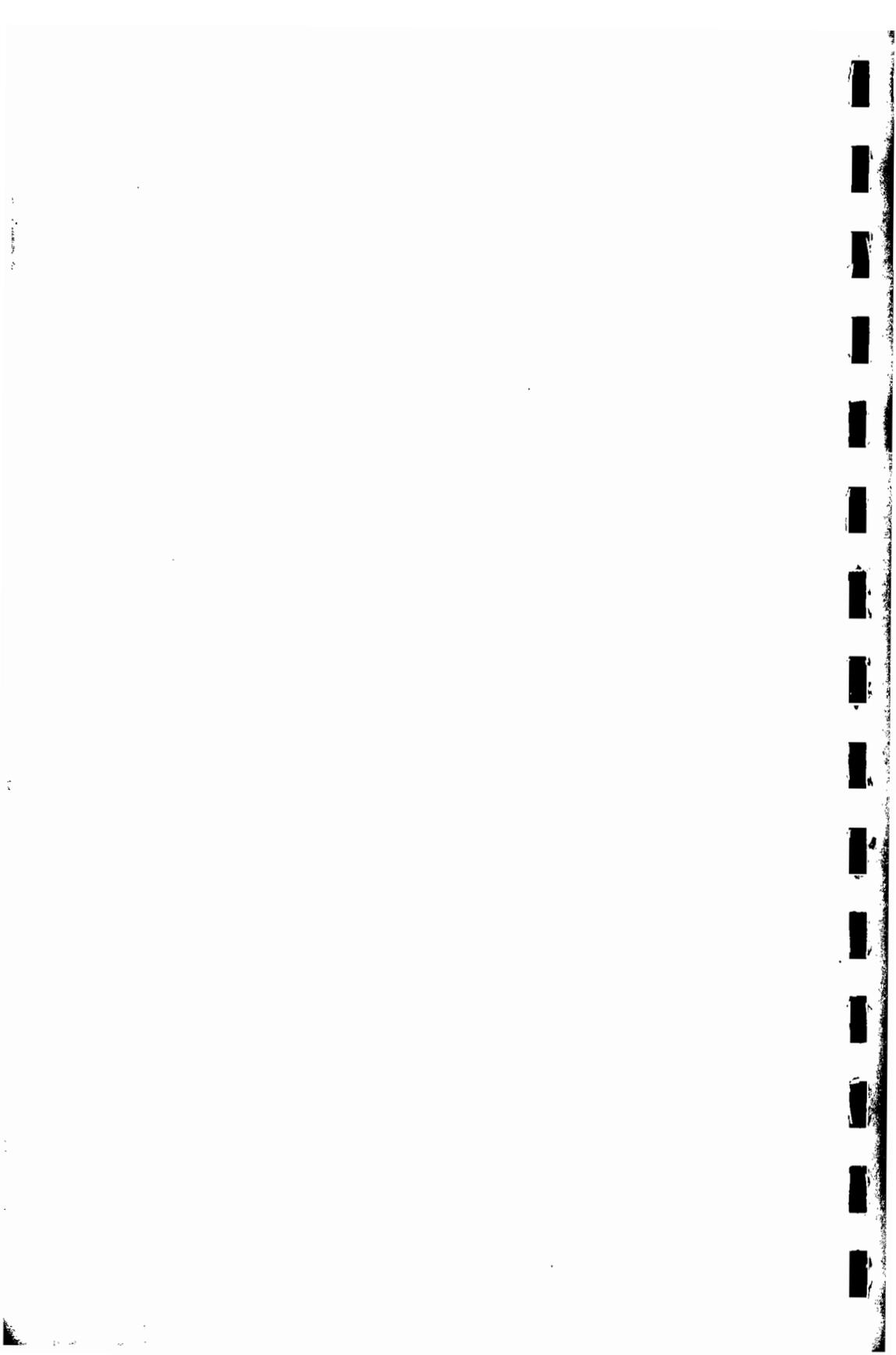


3MN

WINNERS

DISTINGUISHED
SCIENCE AND ENGINEERING
HONORS AND AWARDS
1943—MAY 1985





WINNERS

DISTINGUISHED
SCIENCE AND ENGINEERING
HONORS AND AWARDS
1943—MAY 1985
6th Edition

July 1985

Prepared by the
OAK RIDGE NATIONAL LABORATORY
Oak Ridge, Tennessee 37831
operated by
MARTIN MARIETTA ENERGY SYSTEMS, INC.
for the
U.S. DEPARTMENT OF ENERGY
Under Contract No. DE-AC05-84OR21400



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PREFACE

The Oak Ridge National Laboratory (ORNL) has a long-established tradition of excellence. The quality of its research and the success of its developmental work have been the result of the acknowledged ability of its scientific and technical staff. Since the Laboratory's first achievements, this ability has been formally recognized in the many professional honors and awards received.

As an ongoing activity of the ORNL Honors and Awards Advisory Committee, this sixth edition of winners is a compendium of these recognitions, listing the notable awards that have been accorded to the professional scientists and engineers. It is divided into three parts: Part I is organized by awards; Part II is organized by recipients; and Part III is a list of cross references.

The first edition, *Award Winners at ORNL*, was published December 1975. It included persons and consultants on the staff at the time the awards were made; both scientific and related non-scientific awards were listed for the period from 1945 to July 1975.

The second edition, *Honors & Awards Winners*, was published in May 1979. The scope was narrowed to cover the distinguished awards in the science and engineering fields. Awards won shortly before or after the recipients were at ORNL were included if these were associated with the main fields of interest. In addition, international honors, honorary doctorates, prominent lecturer appointments, and Guggenheim, Fulbright, and Wigner fellowships were added. The second edition covered the period from 1943 through March 1979.

In 1979, a database registry was established which included information on verified work-related awards and winners in all ORNL

disciplines. The third edition, *The Oak Ridge National Laboratory Registry of Honors* Awards* Winners*, published December 1980, included all records in the registry current to March 1980.

The fourth edition continued the Committee's schedule of three-year updates for notable science and engineering awards. The period covered 1943-May 1982. New entries, approved by the Committee, included presidents of long-established national associations, three prestigious awards by chapters of national societies, and members of the Nuclear Regulatory Commission's Advisory Committee on Reactor Safeguards.

The fifth edition, published in 1983, contained all entries in the database registry. For the first time two nonwork-related entries were included: the Union Carbide Corporation Community Service Awards and the Tennessee Council for the Hearing Impaired Distinguished Citizen Award.

Sources of information included records from various associations and societies, professional journals, individuals, newspapers, the ORNL Technical Directory, *Energy Systems News*, *Nuclear Division News*, *ORNL News*, *American Men and Women of Science*, *Who's Who in America*, *Leaders in American Science*, *Engineers of Distinction*, and *Who's Who in the South and Southwest*.

The criteria for each edition is established by members of the Awards Advisory Committee. The present Committee is composed of the following members:

Ed Aebischer	Fred Maienschein
Truman Anderson	Betty Maskewitz
Jeff Christian	Ted Odell, Jr.
Jack Cunningham (Chairman)	Helen Pfuderer
Robert Hightower, Jr.	Herb Trammell
Elizabeth Howard (Archivist)	

HONORS AND AWARDS

ALBERTA. UNIVERSITY, CANADA

Honorary Doctorate

1957 Wigner, Eugene P.

ALEXANDER VON HUMBOLDT STIFTUNG. BONN, F.R.G.

Alexander Von Humboldt Award

1972 Baybarz, Russell D.*

1972 Dittner, Peter F.

1973 Ford, James L.C., Jr.

1975 Krause, Manfred O.

1977 Sellin, Ivan A.

1978 Olins, Donald E.

1980 Welton, Theodore A.

1982 Collins, Clair J.

1985 Plasil, Franz

ALFRED UNIVERSITY, NEW YORK

Honorary Doctorate

1967 Weinberg, Alvin M.

ALLÈGHENY COLLEGE, PENNSYLVANIA

Honorary Doctorate

1978 Wigner, Eugene P.

AMERICAN ACADEMY OF ARTS AND SCIENCES

Fellow

1960 Hollaender, Alexander

1960 Weinberg, Alvin M.

1962 Cohn, Waldo E.

1962 Rose, David J.

1969 Householder, Alston S.

*Deceased.

AMERICAN ACADEMY OF INDUSTRIAL HYGIENE

Fellow

1978 Ketchen, Eugene E.
Porter, Walter E.

Henry F. Smyth Award

1981 Bolton, Newell E.

AMERICAN ACADEMY OF MICROBIOLOGY

Fellow

1957 Carson, Stanley F.
1957 Hollaender, Alexander

AMERICAN ASSOCIATION FOR CANCER RESEARCH

President

1957 Furth, Jacob*
1963 Upton, Arthur C.

Outstanding Contribution Award

1980 Scott, Charles D.

**AMERICAN ASSOCIATION FOR CLINICAL CHEMISTRY,
NEW YORK METROPOLITAN SECTION**

Van Slyke Award in Clinical Chemistry

1974 Anderson, Norman G.

**AMERICAN ASSOCIATION FOR CONTAMINATION
CONTROL**

Certificate of Commendation

1968 Burchsted, Clifford A.*

**AMERICAN ASSOCIATION FOR THE ADVANCEMENT
OF SCIENCE**

Fellow

1938 Hollaender, Alexander
1938 Morgan, Karl Z.
1942 Kimball, Richard F.
1952 Novelli, G. David*

- 1955 Oakberg, Eugene F.
1960 Way, Katherine
1961 Olson, Jerry S.
1962 Cohen, Bernard L.
1962 Mazur, Peter
1963 Pinajian, John J.
1963 Russell, Liane B.
1964 Baker, Philip S.
1964 Blankenship, Forest F.

1964 Bredig, Max A.*
1964 Cohn, Waldo E.
1964 Compere, Edgar L.
1964 Horton, Charles A.
1964 Secoy, Charles H.
1964 Swartout, John A.
1964 White, James C.
1965 Auerbach, Stanley I.
1965 Borie, Bernard S., Jr.
1965 Frye, John H., Jr.

1965 Nelson, Daniel J.*
1966 Liverman, James L.
1966 Richmond, Chester R.
1967 Drisko, Richard M.
1967 Fowler, Joseph L.*
1967 Gibbons, John H.
1967 Hoffman, Herbert W.
1967 Kenney, Francis T.
1967 Perkins, Eugene H.
1967 Savolainen, Jouko E.

1967 Tamura, Tsuneo
1967 Uppuluri, V.R. Rao
1967 Vander Sluis, Kenneth L.
1967 Welton, Theodore A.
1967 Zucker, Alexander
1968 Dunaway, Paul
1968 Raridon, Richard J.
1968 Reichle, David E.

1969 Davis, Wallace, Jr.
1970 Bowman, Kimiko O.
1971 Livingston, Robert S.
1975 Faulkner, J. Samuel
1975 Papaconstantinou, John
1975 Thoma, Roy E.
1976 Clarke, John
1977 Bamberger, Carlos E.
1977 Christophorou, Loucas G.
1977 Gosslee, David G.

1978 Hendricks, Robert W.
1978 Weir, James R., Jr.
1979 Gardiner, Donald A.
1980 Koch, Carl C.
1980 Yakel, Harry L.
1981 Hartman, Frederick C.
1981 Keller, O. Lewin
1981 Masker, Warren E.
1981 Niyogi, Salil K.
1981 Skinner, Dorothy M.

1981 Stevens, Audrey L.
1982 Barnett, Clarence F.
1982 Pearlstein, Robert M.
1982 Young, Jack P.
1983 Coutant, Charles C.
1983 Dyer, Melvin I.
1983. Francis, Chester W.
1983 O'Neill, Robert V.
1983 Shugart, Herman H., Jr.
1983 Van Hook, Robert I.

1983 Van Winkle, Webster, Jr.
1983 Wilkinson, Michael K.
1984 Narayan, Jagdish
1984 Weinberg, Alvin M.
1984 Wood, Richard F.
 Alexeff, Igor
 Anderson, Elda E.*

Arnold, William A.
Baes, Charles F., Jr.
Bender, Myer A.
Billington, Douglas S.*
Boyd, George E.
Carson, Stanley F.
Chu, Ernest H.Y.
Cook, John S.
Culler, Floyd L., Jr.
Goff, F. Glen

Grell, Ellsworth H.
Guberman, Herbert D.
Halperin, Joseph
Holoway, Clayton F.*
Householder, Alston S.
Hubbell, Harry H., Jr.
Kasten, Paul R.
Kastenbaum, Marvin A.
Keim, Christopher P.
Lazar, Norman H.

Lind, Samuel C.*
Lyon, Richard N.*
McDuffie, H. Fritz
McNally, J. Rand, Jr.
Parker, Dean R.
Postma, Herman
Rogers, Stanfield
Rudolph, Philip S.
Sheldon, Andrew L.
Snell, Arthur H.

Storer, John B.
Swenson, Paul A.
Taylor, Ellison H.
Totter, John R.
Volkin, Elliot
Wallace, Robin A.
Weaver, Boyd S.

Whiting, Anna R.
Whiting, Phineas
Young, Frederick W., Jr.

Newcomb Cleveland Prize
1964 Papaconstantinou, John

Rosenthal Award
1967 Furth, Jacob*

AMERICAN ASSOCIATION OF PATHOLOGISTS

President
1959 Furth, Jacob*

AMERICAN CANCER SOCIETY

Fellow
1956 Jacobson, K. Bruce

AMERICAN CARBON SOCIETY

George Skakel Memorial Award
1983 Eatherly, Walter P.

AMERICAN CERAMIC SOCIETY

Fellow
1957 Curtis, Carl E.
1958 Doan, Lewis M.
1966 Thoma, Roy E.
1969 Tennery, Victor J.
1973 Leitnaker, James M.
1976 Lindemer, Terrence B.
1977 Lackey, W.J.
1978 Yust, Charles S.
1980 Bradley, Ronnie A.
1982 Abraham, Marvin M.
1984 Chen, Yok

AMERICAN CHEMICAL SOCIETY

Chemical Instrumentation Award

- 1969 Fisher, Dale J.
1974 Kelley, Myron T.

Chromatography and Electrophoresis Award

- 1963 Cohn, Waldo E.
1966 Kraus, Kurt A.

Colloid or Surface Chemistry Award

- 1962 Scatchard, George R.*

Nuclear Applications in Chemistry Award

- 1969 Boyd, George E.

Pfizer Award in Enzyme Chemistry

- 1978 Hartman, Frederick C.

President

- 1940 Lind, Samuel C.*

Priestly Medal

- 1952 Lind, Samuel C.*

Theodore W. Richards Medal

- 1954 Scatchard, George R.*

AMERICAN CHEMICAL SOCIETY. GEORGIA SECTION.

Charles Holmes Herty Award

- 1967 Cartledge, Groves H.*
1977 Marshall, William L.

AMERICAN CHEMICAL SOCIETY. MEMPHIS SECTION.

Southern Chemists Gold Medal Award

- 1951 Boyd, George E.
1979 Collins, Clair J.

AMERICAN COLLEGE OF PREVENTATIVE MEDICINE

Fellow

- Lincoln, Thomas A.

AMERICAN COLLEGE OF RADIOLOGY

Associate Fellow

Morgan, Karl Z.

AMERICAN COLLEGE OF SURGEONS

Fellow

Ruley, Henry B.

AMERICAN CRYSTALLOGRAPHIC ASSOCIATION

President

1965 Levy, Henri A.

1971 Busing, William R.

1977 Johnson, Carroll K.

**AMERICAN FEDERATION OF INFORMATION
PROCESSING SOCIETIES**

Harry Goode Memorial Award

1969 Householder, Alston S.

**AMERICAN FEDERATION OF MINERALOGICAL
SOCIETIES**

Distinguished Professor Award

1977 Kopp, Otto C.

**AMERICAN FOUNDATION FOR PHARMACEUTICAL
EDUCATION**

Fellow

1975 Huff, James E.

AMERICAN HUNGARIAN STUDIES FOUNDATION

George Semmelweiss Medal

1962 Furth, Jacob*

1965 Wigner, Eugene P.

George Washington Award

1964 Wigner, Eugene P.

AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS

Fellow

- 1974 Boatner, Lynn A.
- 1976 Culberson, Oran L.
- 1978 Thomas, David G.
- 1979 Scott, Charles D.
- 1980 North, Edward D.
- 1980 Scott, Charles D.
- 1981 Culler, Floyd L., Jr.
- 1984 Haas, Paul A.

Robert E. Wilson Award

- 1972 Culler, Floyd L., Jr.

AMERICAN INSTITUTE OF CHEMISTS

Fellow

- 1956 Horton, Charles A.
- 1958 Baker, Philip S.
- 1958 Clark, Walter E.
- 1964 Raaen, Helen P.
- 1965 Boyd, George E.
- 1968 Agron, Paul A.
- 1968 Arnold, Eldon D.
- 1968 Braunstein, Jerry
- 1968 Bresee, James C.
- 1968 Culler, Floyd L., Jr.
- 1968 Danford, Merlin D.
- 1968 Evans, Raymond B. III
- 1968 Hulett, Lester D.
- 1968 Keller, O. Lewin
- 1968 Kelley, Myron T.
- 1968 Overholser, Lyle G.
- 1968 Posey, Franz A.
- 1968 Rupp, Arthur F.
- 1968 Savolainen, Jouko E.
- 1968 Susano, Charles D.*
- 1968 White, James C.

- 1969 Bopp, C. Daniel
1969 Compere, Edgar L.
1969 Davis, Wallace, Jr.
1969 Goldstein, Gerald
1969 Hess, Daniel
1969 Holoway, Clayton F.*
1969 Larson, Clarence E.
1969 Long, Justin T.
1969 Parkinson, William W., Jr.
1969 Pinajian, John J.

1969 Reynolds, Samuel A.
1969 Rudolph, Philip S.
1969 Smith, G. Pedro, Jr.
1969 Swartout, John A.
1970 Anderson, Richard L.
1970 Horton, Arthur D.
1970 Kelly, Minton
1970 Manning, Delmer L.
1970 Vondra, Benedict L., Jr.*
1970 Wymer, Raymond G.

1971 Bamberger, Carlos E.
1971 Higgins, Cecil E.
1971 Leuze, Rex E.
1971 Shugart, Lee R.
1971 Stoughton, Raymond W.
1972 Wei, Chin H.

Medal for Outstanding Work in Chemistry

- 1964 Braunstein, Helen M.
1970 Herbes, Stephen E.

**AMERICAN INSTITUTE OF FISHERY RESEARCH
BIOLOGISTS**

Fellow

- 1979 Coutant, Charles C.

**AMERICAN INSTITUTE OF INDUSTRIAL ENGINEERS
AND THE SOCIETY FOR ADVANCEMENT OF
MANAGEMENT**

Outstanding Contribution in Field of Management

1966 Larson, Clarence E.

AMERICAN INSTITUTE OF PHYSICS

Noteworthy Scientific Achievement

1977 Butler, William H.

1977 Smith, Harold G.

1977 Wakabayashi, Nobuyoshi

AMERICAN MEDICAL ASSOCIATION

Certificate of Merit for Research

1947 Furth, Jacob*

AMERICAN NATIONAL STANDARDS INSTITUTE

Citation for Contributions

1975 Johnson, Elizabeth B.

AMERICAN NUCLEAR SOCIETY

Advancements in Nuclear Technology

Special Awards

1981 Campbell, David O.

1981 Malinauskas, Anthony P.

Arthur Holly Compton Award

1975 Rose, David J.

Certificate of Merit

1965 Brown, Keith B.

1965 Cunningham, John E.

David V.P. Williams Memorial Award

1967 Callihan, A. Dixon

Distinguished Service Award

1983 Callihan, A. Dixon

Editor of NUCLEAR SCIENCE AND ENGINEERING

Special Service Award

1965 Blizard, Everitt P.*

Fellow

1960 Callihan, A. Dixon

1960 Culler, Floyd L., Jr.

1960 Jordan, Walter H.

1960 Morgan, Karl Z.

1960 Swartout, John A.

1960 Weinberg, Alvin M.

1960 Wigner, Eugene P.

1960 Young, Gale

1961 Blizard, Everitt P.*

1962 Billington, Douglas S.*

1962 Boyd, George E.

1962 Charpie, Robert A.

1963 Lane, James A.*

1963 Larson, Clarence E.

1963 Manly, William D.

1964 Borkowski, Casimer J.

1964 Perry, Alfred M.

1964 Rupp, Arthur F.

1965 Winters, Charles E.

1967 MacPherson, Herbert G.

1970 Ferguson, Don E.

1971 Beall, Samuel E., Jr.

1971 de Saussure, Gerard

1971 Ergen, William K.*

1971 Feldman, Melvin J.

1971 Grimes, Warren R.

1971 Maienschein, Fred C.

1972 Alsmiller, Rufard G., Jr.

1972 Clifford, Charles E.

1972 Trauger, Donald B.

1974 Binford, Franklin T.

1974 Cox, James A.

1974 Cunningham, John E.

- 1974 Epler, Elbert P.
1976 Trubey, David K.
1977 Fraas, Arthur P.
1977 Lotts, Adolphus L.
1977 Rosenthal, Murray W.
1977 Scott, James L.
1977 Wymer, Raymond G.

1978 Mynatt, Fred R.
1978 Peelle, Robert W.
1978 Perez, Rafael B.
1979 Blomeke, John O.
1979 Cottrell, William B.
1979 Horak, James A.
1979 Steiner, Donald
1980 Boch, Alfred L.
1980 Duggan, Herbert G.
1980 Harms, William O.

1980 Kasten, Paul R.
1980 Postma, Herman
1980 Whitesides, G. Elliott
1981 Blanco, Raymond E.
1981 Fontana, Mario H.
1982 Johnson, Elizabeth B.
1982 Maskewitz, Betty F.
1982 Ricci, Enzo
1983 Lyon, William S., Jr.
1983 Thomas, Joseph T.

1984 Booth, Ray S.
1984 Mansur, Louis K.
1984 Santoro, Robert T.

Invention and Development of the Sol-Gel Process

Special Awards

- 1965 Dean, Orlen C.*

Jack Chernick Memorial Award

- 1971 Weinberg, Alvin M.

Mark Mills Award

1983 Borowski, Stanley K.

Novel Applications of Atomic Energy

Special Awards

1964 Leddicotte, George W.*

Nuclear Criticality Safety Achievement Award

1975 Thomas, Joseph T.

Outstanding Contributions in the Field of Reactor Chemistry

Special Awards

1967 Grimes, Warren R.

Outstanding Service in the Field of Shielding and Dosimetry

Special Service Award

1975 Maskewitz, Betty F.

Outstanding Technical Accomplishment Award

Special Awards

1984 Foster, Christopher A.

1984 Milora, Stanley L.

Outstanding Work in Chemical Technology in Fuel Recycle

Special Awards

1977 Blomeke, John O.

1977 Culler, Floyd L., Jr.

1977 Ferguson, Don E.

1977 Wymer, Raymond G.

Outstanding Work in Waste Disposal and Management

Special Awards

1975 Struxness, Edward G.

President

1959 Weinberg, Alvin M.

1975 Feldman, Melvin J.

Radiation Industry Award

- 1973 Rupp, Arthur F.
- 1977 Hahn, Richard
- 1977 Ricci, Enzo
- 1979 Cleland, John W.*
- 1980 Lyon, William S., Jr.

Young Member Engineering Achievement Award

- 1981 Bloom, Everett E.
- 1985 Besmann, Theodore M.

25th Anniversary Exceptional Service Award

Special Awards

- 1980 Binford, Franklin T.
- 1980 Blizard, Everitt P.*
- 1980 Breazeale, William M.*
- 1980 Callihan, A. Dixon
- 1980 Colomb, Alain L.
- 1980 Cottrell, William B.
- 1980 Culler, Floyd L., Jr.
- 1980 Cunningham, John E.
- 1980 Ferguson, Don E.
- 1980 Grimes, Warren R.

- 1980 Jordan, Walter H.
- 1980 Lane, James A.*
- 1980 Levenson, Milton
- 1980 Maskewitz, Betty F.
- 1980 Meem, J. Lawrence, Jr.
- 1980 Rupp, Arthur F.
- 1980 Savolainen, Ann W.
- 1980 Scott, James L.
- 1980 Swartout, John A.

**AMERICAN NUCLEAR SOCIETY. RADIATION
PROTECTION AND SHIELDING DIVISION.**

Outstanding Service and Technical Achievement

- 1983 Trubey, David K.

AMERICAN PHYSICAL SOCIETY

Fellow

- 1955 Cohen, Bernard L.
- 1955 Zucker, Alexander
- 1956 Ergen, William K.*
- 1956 Simon, Albert
- 1957 Campbell, Edward C.
- 1957 Dabbs, John W.T.
- 1957 Harvey, John A.
- 1957 Koehler, Wallace C.
- 1957 Moak, Charles D.
- 1957 Rosen, Philip

- 1957 Stelson, Paul H.
- 1957 Wilkinson, Michael K.
- 1957 Willard, Harvey B.
- 1958 Callihan, A. Dixon
- 1960 Yockey, Hubert P.
- 1961 Billington, Douglas S.*
- 1961 Crawford, James H., Jr.
- 1961 Johnson, Cleland H.
- 1961 Satchler, G. Raymond
- 1967 Cable, Joseph W.

- 1967 Cohn, Hans O.
- 1967 Sonder, Edward
- 1968 Alexeff, Igor
- 1968 Dandl, Raphael A.
- 1968 Gibbons, John H.
- 1968 Macklin, Richard L.
- 1968 Miller, Philip D., Jr.
- 1968 Postma, Herman
- 1968 Ritchie, Rufus H.
- 1968 Robinson, Mark T.

- 1968 Sibley, William A.
- 1968 Smith, Harold G.
- 1968 Tamura, Taro
- 1968 Wood, Richard F.
- 1969 Abraham, Marvin M.
- 1969 Datz, Sheldon

- 1969 Obenshain, Felix E., Jr.
1969 Perey, Francis G.
1970 Hurst, G. Samuel
1971 Becker, Richard L.
1971 Dory, Robert A.
1972 Davis, Harold L.
1972 Halbert, Edith C.
1972 Nugent, Leonard, Jr.
1973 Carlson, Thomas A.
1973 Faulkner, J. Samuel
1973 Moon, Ralph M., Jr.
1973 Sellin, Ivan A.
1974 McGrory, Joseph B.
1975 Bemis, Curtis E., Jr.
1975 Christophorou, Loucas G.
1975 Eichler, Eugene*
1975 Turner, James E.
1976 Birkhoff, Robert D.
1976 Ford, James L.C., Jr.
1976 Horen, Daniel J.
1976 Nicklow, Robert M.
1976 O'Kelley, G. Davis
1977 Boatner, Lynn A.
1977 Raman, Subramanian
1978 Callen, James D.
1978 Chen, Yok
1978 Compton, Robert N.
1978 Johnson, Noah R.
1978 Painter, Gayle S.
1978 Wong, Cheuk-Yin
1979 Appleton, Bill R.
1979 Berry, Lee A.
1979 Dunlap, Julian L.
1979 Hendricks, Robert W.
1979 Koch, Carl C.
1979 Mook, Herbert A., Jr.
1979 Morgan, O. Bill, Jr.

1979 Murakami, Masanori
1979 Sigmar, Dieter J.
1981 Davies, K. Thomas R.
1981 Plasil, Franz
1981 Wakabayashi, Nobuyoshi
1982 Arakawa, Edward T.
1982 Bertrand, Frederick E., Jr.
1982 Hoggan, John T.
1982 Noggle, Thomas S.
1982 Rome, James A.

1982 Sheffield, John
1983 Narayan, Jagdish
1983 Stocks, G. Malcolm
1984 Bates, John B.
1984 Carreras, Benjamin A.
1984 Gross, Edward E.
1984 Isler, Ralph
1984 Milora, Stanley L.
1984 Swain, David W.
 Arnold, William A.
 Barnett, Clarence F.

 Bell, Persa R.
 Buck, John H.
 Charpie, Robert A.
 Clarke, John
 Fowler, Joseph L.*
 Gauster, Wilhelm F.
 Good, Wilfred M.
 Goodman, Charles D.
 Guest, Gareth E.
 Guth, Eugene

 Halbert, Melvyn L.
 Harris, Edward G.
 Holmes, David K.
 Jordan, Walter H.
 Keim, Christopher P.
 Kelley, George G.
 Lazar, Norman H.

Lind, Samuel C.*
Livingston, Robert S.
MacPherson, Herbert G.
Mann, Marvin M.
McGowan, Francis K.
Morgan, Karl Z.
Overholser, Lyle G.
Roberts, Louis D.
Robinson, Russell L.
Rose, David J.

Rose, Morris E.*
Snell, Arthur H.
Sproull, Robert L.
Way, Katherine
Weinberg, Alvin M.
Welton, Theodore A.
Wigner, Eugene P.
Wollan, Ernest O.*
Young, Frederick W., Jr.
Young, Gale

Oliver E. Buckley Solid State Physics Prize
1956 Shull, Clifford

President
1956 Wigner, Eugene P.

Tom W. Bonner Prize in Nuclear Physics
1977 Satchler, G. Raymond

AMERICAN PHYSICAL SOCIETY. SOUTHEASTERN SECTION

Jesse W. Beams Award
1983 Sellin, Ivan A.
1984 Ritchie, Rufus H.

AMERICAN PUBLIC HEALTH ASSOCIATION

Fellow

Felton, Jean S.

Life Fellow

Morton, Roy J.*

President

1957 Morton, Roy J.*

AMERICAN SOCIETY FOR EXPERIMENTAL PATHOLOGY

President

1959 Furth, Jacob*

1967 Upton, Arthur C.

AMERICAN SOCIETY FOR INFORMATION SCIENCE

President

1984 Carroll, Bonnie C.

AMERICAN SOCIETY FOR METALS

Albert Sauveur Achievement Award

1984 Gray, Robert J.

Award of Merit

1970 Slaughter, Gerald M.

Engineering Associate Achievement Award

1983 McNabb, Bennie, Jr.

Fellow

1970 Frye, John H., Jr.

1970 Manly, William D.

1971 Cunningham, John E.

1972 McHargue, Carl J.

1973 Patriarca, Peter

1974 Gray, Robert J.

1974 Weir, James R., Jr.

1976 Martin, William R.

- 1976 Slaughter, Gerald M.
- 1977 Canonico, Domenic A.
- 1977 Harms, William O.
- 1977 Inouye, Henry
- 1977 McElroy, David L.
- 1978 DeVan, Jackson H.
- 1978 Donnelly, Ralph G.
- 1979 Cathcart, John V.
- 1979 Schaffhauser, Anthony C.
- 1979 Stiegler, James O.

- 1980 Scott, James L.
- 1981 Brinkman, Charles R.
- 1981 McClung, Robert W.
- 1983 Bloom, Everett E.
- 1983 Goodwin, Gene M.
- 1984 David, Stanislaus A.
- 1984 Liu, Chain T.

Francis F. Lucas Metallographic Award

- 1953 Gray, Robert J.
- 1953 Leslie, Billy C.
- 1958 Denny, Wallace E.
- 1958 Epperson, J. Ernest
- 1958 Gower, John C.
- 1958 Gray, Robert J.
- 1958 Griggs, Ernie P.
- 1964 Gray, Robert J.
- 1964 Leslie, Billy C.
- 1971 Gray, Robert J.

Henry Marion Howe Medal

- 1974 Yurek, Gregory J.

President

- 1973 Manly, William D.

**AMERICAN SOCIETY FOR METALS. LOS ANGELES
CHAPTER**

William O. Harms Award. Name Honor

1976 Harms, William O.

AMERICAN SOCIETY FOR METALS. CANADA

E. Leitz Award

1973 Gray, Robert J.

AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING

Achievement Award

1976 Dodd, Caius V.

1976 Smith, James H.

1977 Kawashima, Katsuhiko

1977 McClung, Robert W.

Coolidge Award

1962 McClung, Robert W.

1963 Evans, J. Wayne

1963 Foster, Billy E.

Fellow

1973 McClung, Robert W.

1975 Foster, Billy E.

1976 Dodd, Caius V.

1977 Cook, K. Von

1978 Smith, James H.

1980 Snyder, S. Dick

Horace W. Lester Honor Lecture

1974 McClung, Robert W.

President

1970 McClung, Robert W.

AMERICAN SOCIETY FOR PHOTOBIOLOGY

President

1978 Longworth, James W.

AMERICAN SOCIETY FOR TESTING AND MATERIALS

Achievement Award

1978 Laing, William R.

Award of Appreciation

1976 McClung, Robert W.
1978 Burchsted, Clifford A.*
1984 Laing, William R.

Award of Merit

1972 Feldman, Cyrus
1974 Corbin, Lawrence T.
1977 Johnston, W. Wiley, Jr.
1980 McClung, Robert W.
1982 Laing, William R.
1983 Weaver, Samuel C.
1984 Shepard, Robert L.
1985 Swindeman, Robert W.

E-10 Award of Merit

1980 Kam, Frank

E-10 Honorary Member Award

1978 Berggren, Reynold G.
1983 Lyon, William S., Jr.

E-7 Honorary Member Award

1978 McClung, Robert W.

Fellow

1972 Feldman, Cyrus
1974 Corbin, Lawrence T.
1977 Johnston, W. Wiley, Jr.
1980 McClung, Robert W.
1982 Laing, William R.
1983 Burchsted, Clifford A.*
1985 Swindeman, Robert W.

George R. Irwin Medal

1984 Merkle, John G.

Harlan J. Anderson Award

1981 Corbin, Lawrence T.

1981 Stewart, Joseph H., Jr.

AMERICAN SOCIETY OF AGRONOMY

Fellow

1980 Tamura, Tsuneo

AMERICAN SOCIETY OF CIVIL ENGINEERS

Fellow

1966 Glen, Herbert M.

AMERICAN SOCIETY OF MAMMALOGISTS

Award

1974 Garten, Charles T., Jr.

AMERICAN SOCIETY OF MECHANICAL ENGINEERS

Centennial Medal

1980 Burchsted, Clifford A.*

1980 Cromer, Sylvan J.

1980 Duggan, Herbert G.

1980 Neill, Frank H.

1980 Robertson, Roy C.

**Certificate of Award for Services to the Boiler and Pressure
Vessel Code**

1984 Corum, James M.

1984 Moore, Samuel E.

Certificate of Commendation

1965 Burchsted, Clifford A.*

1966 Burchsted, Clifford A.*

1968 Burchsted, Clifford A.*

Fellow

- 1965 Robertson, Roy C.
1966 Gall, William R.
1967 Fraas, Arthur P.
1967 Kooistra, Lambert F.*
1975 Burchsted, Clifford A.*
1975 Duggan, Herbert G.
1981 Greenstreet, William L.
1984 Bender, Myer A.
1984 Lundin, Myrin I.

J. Hall Taylor Medal

- 1972 Gall, William R.

Richards Memorial Award

- 1955 Cromer, Sylvan J.

Service Award

- 1972 Leavell, Luther L.

AMERICAN SOCIETY OF PLANT PHYSIOLOGISTS

Charles F. Kettering Award in Plant Physiology

- 1963 Arnold, William A.

Charles F. Kettering Research Award

- 1963 Arnold, William A.

Charles Reid Barnes Life Membership Award

- 1975 Arnold, William A.

AMERICAN STATISTICAL ASSOCIATION

Fellow

- 1965 Kastenbaum, Marvin A.
1967 Gardiner, Donald A.
1971 Uppuluri, V.R. Rao
1976 Bowman, Kimiko O.
1976 Gosslee, David G.
1979 Mitchell, Toby J.

**AMERICAN STATISTICAL ASSOCIATION AND THE
BIOMETRIC SOCIETY**

George W. Snedecor Memorial Award

1978 Mitchell, Toby J.

AMERICAN VETERINARY MEDICAL ASSOCIATION

Gaines Award

1968 Griesemer, Richard A.

**AMERICAN UNIVERSITY. WILIAM MOSS INSTITUTE,
DISTRICT OF COLUMBIA**

Alvin M. Weinberg Graduate Fellowship. Name Honor

1983 Weinberg, Alvin M.

AMERICAN WELDING SOCIETY

A.F. Davis Silver Medal Award

1981 Moorhead, Arthur J.

1981 Reed, Robert W.

Comfort A. Adams Lecture

1969 Weinberg, Alvin M.

1976 Patriarca, Peter

1979 Slaughter, Gerald M.

Dedicated Service Award

1977 Slaughter, Gerald M.

Distinguished Meritorious Certificate

1965 Slaughter, Gerald M.

Fred L. Plummer Award

1968 Charpie, Robert A.

Honorary Membership Award

1977 Patriarca, Peter

James F. Lincoln Gold Medal Award

- 1943 Frye, John H., Jr.
1980 Canonico, Domenic A.
1982 David, Stanislaus A.

McKay-Helm Award

- 1979 Berggren, Reynold G.
1979 Cole, Nancy C.
1979 Goodwin, Gene M.
1979 Gray, Robert J.
1979 Slaughter, Gerald M.
1979 Stiegler, James O.
1980 Braski, David N.
1980 David, Stanislaus A.
1980 Goodwin, Gene M.

National Meritorious Certificate Award

- 1970 Patriarca, Peter

President

- 1967 Miller, Edward C.*

Rene D. Wasserman Award

- 1977 Canonico, Domenic A.
1978 Cole, Nancy C.
1978 Slaughter, Gerald M.

Samuel Wylie Miller Memorial Medal Award

- 1968 Miller, Edward C.*

William Spraragen Award

- 1974 Goodwin, Gene M.
1974 King, Roy T.
1974 Stiegler, James O.

ASSOCIATION OF AMERICAN GEOGRAPHERS

Outstanding Achievement Award

- 1985 Chin, Shih-Miao
- 1985 Davis, Richard M.
- 1985 Peterson, Bruce E.
- 1985 Southworth, Frank

**AUBURN UNIVERSITY. ALUMNI ENGINEERING
COUNCIL**

Ben S. Gilmer Award

- 1978 Long, Hugh M.

AUSTRALIAN ACADEMY OF SCIENCE

Pawsey Medal

- 1979 Clark, Gregory

AUSTRIAN ACADEMY OF SCIENCE

Membership

- 1968 Gauster, Wilhelm F.

**BADENWERK FOUNDATION AND KARLSRUHE
UNIVERSITY, F.R.G.**

Heinrich Hertz Prize

- 1975 Weinberg, Alvin M.

BEREA COLLEGE, KENTUCKY

Honorary Doctorate

- 1983 Hurst, G. Samuel

BERLIN TECHNISCHE UNIVERSITÄT, F.R.G.

Honorary Doctorate

- 1966 Wigner, Eugene P.

BIRMINGHAM SOUTHERN COLLEGE, ALABAMA

Honorary Doctorate

- 1955 Jones, Ernest V.

BRITISH ROYAL SOCIETY OF ARTS

Fellow

Snell, Arthur H.

BUTLER UNIVERSITY, INDIANA

Honorary Doctorate

1973 Weinberg, Alvin M.

**CARNEGIE INSTITUTE OF TECHNOLOGY,
PENNSYLVANIA**

Alumni Merit Award

1957 Charpie, Robert A.

CASE WESTERN RESERVE UNIVERSITY, OHIO

Honorary Doctorate

1956 Wigner, Eugene P.

**CATHOLIC UNIVERSITY OF AMERICA, DISTRICT OF
COLUMBIA**

Honorary Doctorate

1969 Wigner, Eugene P.

CHEMICAL ENGINEERING

Editorial Excellence Award of Merit

1957 Gambill, Wallace R.

Kirkpatrick Chemical Engineering Achievement Award

1979 Arnold, Wesley D.

1979 Baes, Charles F., Jr.

1979 Brown, Keith B.

1979 Coleman, Charles F.

1979 Crouse, David J.

1979 Howerton, William B.

1979 Hurst, Fred J., Jr.

1979 Ryon, Allen D.

1979 Thomas, Iran L.

CHEMICAL SOCIETY OF LONDON

Fellow

1966 Eveleigh, John W.
Pal, Bimal C.
Smith, G. Pedro, Jr.

CHICAGO. UNIVERSITY, ILLINOIS

Alumni Award

1966 Weinberg, Alvin M.

Honorary Doctorate

1957 Wigner, Eugene P.

**CHICAGO. UNIVERSITY, ILLINOIS. MEDICAL ALUMNI
ASSOCIATION**

Distinguished Scientific Service Award

1983 Storer, John B.

CHILE UNIVERSITY, SOUTH AMERICA

Honorary Doctorate

1970 Hollaender, Alexander

CINCINNATI UNIVERSITY, OHIO

Distinguished Alumnus Award

1974 Weir, James R., Jr.

CLARKSON COLLEGE OF TECHNOLOGY, NEW YORK

Honorary Doctorate

1978 Wigner, Eugene P.

COLBY COLLEGE, MAINE

Honorary Doctorate

1959 Wigner, Eugene P.

COLORADO SCHOOL OF MINES

Metallurgical Engineering Medal

1957 Williams, Robert K.

COLORADO. UNIVERSITY

George Gamow Memorial Award

1972 Wigner, Eugene P.

CONCORDIA COLLEGE, MINNESOTA.

Honorary Doctorate

1965 Wollan, Ernest O.*

CORNELL UNIVERSITY, NEW YORK

Alumni Medal

1954 Straub, Conrad P.

DANA COLLEGE. NEBRASKA

Distinguished Alumnus Award

1981 Quist, Arvin S.

DANFORTH FOUNDATION

Fellow

1960 Reichle, David E.

DEFENSE NUCLEAR AGENCY

Certificate of Achievement

1970 Baird, James K.

Meritorious Public Service Award

1980 Auxier, John A.

DENISON UNIVERSITY, OHIO

Honorary Doctorate

1965 Charpie, Robert A.

1967 Weinberg, Alvin M.

EAST-WEST ENVIRONMENT AND POLICY INSTITUTE

Professional Associate Award

1980 Braunstein, Helen M.

ECOLOGICAL SOCIETY OF AMERICA

George Mercer Award

1958 Olson, Jerry S.

President

1971 Auerbach, Stanley I.

ELECTROCHEMICAL SOCIETY

Turner Memorial Award

1960 Meyer, Robert E.

ELECTROCHEMICAL SOCIETY. PHYSICAL ELECTROCHEMISTRY DIVISION

**Bredig Memorial Symposium. Name Honor (Second International
Symposium on Molten Salts)**

1978 Bredig, Max A.*

EMORY AND HENRY COLLEGE. VIRGINIA.

Honorary Doctorate

1967 Melton, Charles E.

ENVIRONMENTAL MUTAGEN SOCIETY

President

1969 Hollaender, Alexander (3 Years)

1984 Russell, Liane B.

FEDERAL REPUBLIC OF AUSTRIA

Great Silver Badge of Honor

1966 Gauster, Wilhelm F.

Honorary Cross of Science and Arts

1982 Guth, Eugene

FISK UNIVERSITY, TENNESSEE

Honorary Doctorate

1966 Morgan, Henry W.

1974 Staats, Percy A.

FORD MOTOR COMPANY FUND

Atoms for Peace Award

- 1960 Weinberg, Alvin M.
1960 Wigner, Eugene P.
1969 Culler, Floyd L., Jr.

FRANKLIN INSTITUTE

Edward Longstreth Medal

- 1964 Bell, Persa R.

Elliott Cresson Medal

- 1966 Blizard, Everitt P.*

Franklin Medal

- 1950 Wigner, Eugene P.

John Price Wetherill Medal

- 1967 Wollan, Ernest O.*

FRIENDS UNIVERSITY, KANSAS

Distinguished Alumni Award

- 1979 Jolley, Robert L.

FULBRIGHT-HAYS AWARD

Fellowships

- 1951 Holleman, James W.
1952 Boyd, George E.
1952 Conger, Allan D.
1952 Holleman, James W.
1953 Turner, James E.
1955 Cameron, Angus E.*
1955 Cohn, Waldo E.
1956 Borie, Bernard S., Jr.
1958 Abraham, Marvin M.
1958 Jacobs, Donald G.
1958 Johnson, James S., Jr.
1958 Koehler, Wallace C.

- 1958 Roberts, Louis D.
1958 Toth, Kenneth S.
1958 Wood, Richard F.
1959 Abraham, Marvin M.
1960 Livingston, Ralph
1964 Bemis, Curtis E., Jr.
1966 Robbins, G. Daniel
1966 Zucker, Alexander
1967 Clark, Walter E.
1967 Pierce, Jane C.

1968 Collins, Clair J.
1968 Faulkner, J. Samuel
1970 Kirk, Bernadette L.
1973 Dresner, Lawrence
1977 Sellin, Ivan A.

FUSION POWER ASSOCIATION

Certificate of Recognition

- 1980 Uckan, Nermin A.

GENETICS SOCIETY OF AMERICA

President

- 1965 Russell, William L.

GENETICS SOCIETY OF CANADA

Award of Excellence

- 1983 Von Borstel, Robert C. (Jack)

President

- 1979 Von Borstel, Robert C. (Jack)

GEOLOGICAL SOCIETY OF AMERICA

Fellow

- Kopp, Otto C.

**GERMAN INSTITUTE OF CLINICAL CHEMISTRY,
MUNICH**

Biochemical Analysis Prize
1972 Anderson, Norman G.

GERMAN PHYSICAL SOCIETY

Max Planck Medal
1961 Wigner, Eugene P.

GERONTOLOGICAL SOCIETY

Fellow
Hirsch, Gary P.

GREECE. ACADEMY OF ATHENS

Correspondent Membership
1980 Christophorou, Loucas G.

GRENOBLE. UNIVERSITY, FRANCE

Honorary Doctorate
1979 Koehler, Wallace C.

GUGGENHEIM FOUNDATION

Fellowships
1952 Boyd, George E.
1955 Cohn, Waldo E.
1956 Marshall, William L.
1957 Kimball, Richard F.
1957 Kirby-Smith, John
1958 Koehler, Wallace C.
1959 Dolin, Morton I.
1960 Livingston, Ralph
1962 Cohn, Waldo E.
1962 Johnson, Noah R.

1962 Olson, Jerry S.
1965 Toth, Kenneth S.
1966 Zucker, Alexander
1967 Carlson, Thomas A.

HEALTH PHYSICS SOCIETY

Distinguished Achievement Award

- 1975 Hart, James C.*
- 1975 Snyder, Walter P.*
- 1976 Russell, William L.

Elda E. Anderson Memorial Award

- 1963 Auxier, John A.
- 1967 Abee, Harold H.
- 1980 Jones, Troyce D.
- 1981 Dickson, Howard W.
- 1983 Till, John E.

Meritorious Performance Award

- 1974 Tarr, Natalie E.
- 1975 Hart, James C.*

President

- 1956 Morgan, Karl Z.
- 1959 Anderson, Elda E.*
- 1967 Snyder, Walter P.*
- 1974 Hart, James C.*
- 1977 Auxier, John A.

HOWARD UNIVERSITY, DISTRICT OF COLUMBIA

Honorary Doctorate

- 1954 Bell, Persa R.

HUNTER COLLEGE, NEW YORK

Hall of Fame for Distinguished Achievement

- 1978 Grell, Rhoda F.
- 1979 Russell, Liane B.

HURON COLLEGE, SOUTH DAKOTA

Honorary Doctorate

- 1965 Ketelle, Bruce H.

ILLINOIS. UNIVERSITY

Honorary Doctorate

1968 Wigner, Eugene P.

INDIANA. UNIVERSITY

Distinguished Alumni Service Award

1980 Hsie, Abraham W.

INDUSTRIAL MEDICAL ASSOCIATION

Fellow

Holland, Reuben W.

Lincoln, Thomas A.

Zanolli, Gino F.

INSTITUTE OF ANIMAL GENETICS, EDINBURGH

Fellow

1964 Yamada, Tuneo

**INSTITUTE OF ELECTRICAL AND ELECTRONICS
ENGINEERS**

Fellow

1964 Gauster, Wilhelm F.

1968 Livingston, Robert S.

1976 Martin, John A.

1980 Alexeff, Igor

1982 Oakes, Lester C.

Senior Member

1982 Roberts, Michael J.

INSTITUTE OF ENVIRONMENTAL SCIENCES

Seligman Award

1974 Burchsted, Clifford A.*

INSTITUTE OF NUCLEAR MATERIALS MANAGEMENT

Special Service Award

1979 Cardwell, Roy G.

**INSTITUTE OF PHYSICS AND PHYSICAL SOCIETY,
UNITED KINGDOM**

Fellow

Bottcher, Christopher

INSTITUTION OF METALLURGISTS, UNITED KINGDOM

Fellow

1970 Farrell, Kenneth

INSTRUMENT SOCIETY OF AMERICA

Distinguished Society Service Award

1976 Job, George H.*

Fellow

1967 Adams, Raymond K.

1978 Dunlap, Harlan F.

1979 Hagen, Edward W.

1982 Herskovitz, Meyer B.

**INTERNATIONAL ASSOCIATION OF RADIATION
RESEARCH**

President

1962 Hollaender, Alexander (4 Years)

INTERNATIONAL BIOLOGICAL PROGRAM

Certificate of Recognition

1975 Reichle, David E.

INTERNATIONAL CONGRESS OF PHOTOBIOLOGY

Finsen Medal

1968 Hollaender, Alexander

INTERNATIONAL CONGRESS ON MAGNETISM

Citation for Achievement

1967 Wollan, Ernest O.*

**INTERNATIONAL EXHIBITION OF INVENTIONS AND
NEW TECHNIQUES (9TH)**

Silver Medal

1980 Slade, Edward C.

INTERNATIONAL METALLOGRAPHIC SOCIETY

President

1977 Gray, Robert J. (2 Years)

President's Award

1977 DuBose, Carus K. H.

1983 Gray, Robert J.

Sorby Award

1981 Gray, Robert J.

**INTERNATIONAL NUCLEAR TARGET DEVELOPMENT
SOCIETY**

President

1979 Kobisk, Edward H.

INTERNATIONAL PRECIOUS METALS INSTITUTE

Henry J. Albert Award

1980 Liu, Chain T.

Platinum Membership

1982 Liu, Chain T.

**INTERNATIONAL RADIATION PROTECTION
ASSOCIATION**

President

1966 Morgan, Karl Z.

President Emeritus Plaque

1970 Morgan, Karl Z.

INTERNATIONAL STATISTICAL INSTITUTE

Ordinary Member

- 1975 Uppuluri, V.R. Rao
- 1977 Gardiner, Donald A.
- 1978 Bowman, Kimiko O.

INTERNATIONAL THERMAL CONDUCTIVITY CONFERENCE

Conference Award

- 1971 McElroy, David L.

Outstanding Contribution Award

- 1971 McElroy, David L.
- 1979 Moore, J. Peyton

INTERNATIONAL UNION AGAINST CANCER

ICRETT Award

- 1977 Fischer, Susan M.

INTERNATIONAL UNION OF FOREST RESEARCH ORGANIZATIONS

Scientific Achievement Award

- 1976 Reichle, David E.

IRON AND STEEL INSTITUTE

Andrew Carnegie Silver Medal

- 1965 Farrell, Kenneth

ISRAEL INSTITUTE OF TECHNOLOGY

Honorary Doctorate

- 1973 Wigner, Eugene P.

JAPAN SOCIETY FOR THE PROMOTION OF SCIENCE

Fellow

- 1977 Hsie, Abraham W.
- 1978 Regan, James D.
- 1981 Fujimura, Robert K.

JAPAN. SCIENCE AND TECHNOLOGY AGENCY

Japanese Government Research Award for Foreign Specialists

1984 Regan, James D.

JOURNAL OF RADIOANALYTICAL CHEMISTRY

George Hevesy Medal

1981 Lyon, William S., Jr.

KENYON COLLEGE, OHIO

Honorary Doctorate

1969 Weinberg, Alvin M.

L'ACCADEMIA MEDICA LOMBARDA. ITALY

Honorary Membership

1979 Novelli, G. David*

LEEDS UNIVERSITY, UNITED KINGDOM

Honorary Doctorate

1962 Hollaender, Alexander

LENOIR RHYNE COLLEGE, NORTH CAROLINA

Distinguished Alumnus Award

1964 Morgan, Karl Z.

Distinguished Service Citation

1975 Reinhardt, Paul W.

Honorary Doctorate

1967 Morgan, Karl Z.

LIEGE STATE UNIVERSITY, BELGIUM

Honorary Doctorate

1967 Wigner, Eugene P.

LOUISIANA STATE UNIVERSITY

Engineering Hall of Distinction

1982 Rosenthal, Murray W.

LOUISVILLE. UNIVERSITY, KENTUCKY

Honorary Doctorate

1978 Weinberg, Alvin M.

LOUVAIN CATHOLIC UNIVERSITY, BELGIUM

Honorary Doctorate

1967 Wigner, Eugene P.

LOWELL UNIVERSITY, MASSACHUSETTS

Honorary Doctorate

1976 Wigner, Eugene P.

LUTHER COLLEGE, IOWA

Honorary Doctorate

1977 Struxness, Edward G.

LYNCHBURG COLLEGE, VIRGINIA

Richard H. Thornton Award

1979 Baldock, Russell C.

T. Gibson Hobbs Distinguished Service Award

1968 Baldock, Russell C.

M.D. ANDERSON HOSPITAL AND TUMOR INSTITUTE

Bertner Award

1958 Furth, Jacob*

MANCHESTER. UNIVERSITY. GREAT BRITAIN

Honorary Doctorate

1969 Christophorou, Loucas G.

MARQUETTE UNIVERSITY, WISCONSIN

Honorary Doctorate

1967 Hollaender, Alexander

MARSHALL UNIVERSITY, WEST VIRGINIA

Honorary Doctorate

1964 Callihan, A. Dixon

MATERIALS RESEARCH SOCIETY

Council

1982 White, C. Woody (3 Years)

President

1984 White, C. Woody

METALLURGICAL SOCIETY, AIME

Fellow

1972 Manly, William D.

1973 Frye, John H., Jr.

1978 McHargue, Carl J.

MEXICAN PHYSICAL SOCIETY

Fellow

Gomez del Campo, Jorge

MICHIGAN. UNIVERSITY

Fisheries Alumni Memorial Award

1969 Hildebrand, Stephen G.

MINERALOGICAL SOCIETY OF AMERICA

Fellow

1968 Yakel, Harry L.

1981 Finch, Cabel B.

Brunton, George D.

Kopp, Otto C.

MINERALOGICAL SOCIETY, UNITED KINGDOM

Bredigite. Name assigned mineral

1948 Bredig, Max A.*

MINING WORLD

Technical Achievement Award

1956 Brown, Keith B.

MINNESOTA. UNIVERISTY.

Distinguished Alumni Award

1955 Cameron, Angus E.*

MISSISSIPPI STATE UNIVERSITY

Engineering Hall of Fame

1977 Coleman, Walter S.

MONTREAL UNIVERSITY

Claude Bernard Medal

1969 Kenney, Francis T.

NATIONAL ACADEMY OF ENGINEERING

Membership

1973 Weinberg, Alvin M.

1974 Culler, Floyd L., Jr.

1974 Manly, William D.

1975 Charpie, Robert A.

1978 MacPherson, Herbert G.

NATIONAL ACADEMY OF SCIENCES

Membership

1930 Lind, Samuel C.*

1957 Hollaender, Alexander

1961 Weinberg, Alvin M.

1962 Arnold, William A.

1973 Russell, William L.

1973 Setlow, Richard B.

Furth, Jacob*

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Apollo Achievement Award

1970 Cantrell, Eugene S.

1970 Eldridge, James S.

1970 Fox, Richard J.

1970 Kolopus, James L.*

1970 McKay, Vern A.*

1970 Northcut, K. Joseph

1970 O'Kelley, G. Davis

1970 Roseberry, Ronald T.

1970 Sliski, Theodore F.

1970 Wintenberg, Richard E.

Apollo Group Achievement Award

1973 O'Kelley, G. Davis

Apollo-Soyuz Group Achievement Award

1975 Adair, Harold L.

1975 Eldridge, James S.

Performance Commendation

1976 Blalock, T. Vaughn

Pioneer XI Group Achievement Award

1977 Donnelly, Ralph G.

1977 Inouye, Henry

1977 Knight, Rodney W.

1977 Liu, Chain T.

1977 Schaffhauser, Anthony C.

Pioneer/Jupiter Group Achievement Award

1974 Donnelly, Ralph G.

1974 Inouye, Henry

**NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION. LEWIS RESEARCH CENTER**

Certificate of Recognition

1980 Fuller, Leonard C.

1980 Stovall, Therese K.

NATIONAL ASSOCIATION OF ACADEMIES OF SCIENCE

Distinguished Service Award

1976 Raridon, Richard J.

President

1976 Raridon, Richard J.

NATIONAL ASSOCIATION OF CORROSION ENGINEERS

Willis Rodney Whitney Award

1966 Cartledge, Groves H.*

NATIONAL CANCER INSTITUTE OF JAPAN

Medal

1980 Regan, James D.

**NATIONAL INSTITUTE FOR DISASTER
MOBILIZATION INC.**

National Preparedness Award

1962 Auxier, John A.

NATIONAL INSTITUTE OF HEALTH

Director's Award

1979 Griesemer, Richard A.

**NATIONAL RESEARCH COUNCIL. TRANSPORTATION
RESEARCH BOARD**

Pike Johnson Award

1985 Greene, David L.

1985 Hu, Patricia S.

NATIONAL SAFETY COUNCIL

William H. Cameron Award

1978 Hoy, Harry C.

1979 Hoy, Harry C.

1980 Blackmon, James T.

1980 Hoy, Harry C.

1984 Lu, Po-Yung

NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS

Outstanding Achievement Award

1980 Hise, Eugene C., Jr.

1980 Holman, Allen S.

NEBRASKA WESLEYAN UNIVERSITY

Alumni Achievement Award

1957 Keim, Christopher P.

1962 Trauger, Donald B.

Distinguished Alumnus Award

1972 Keim, Christopher P.

Honorary Doctorate

1974 Trauger, Donald B.

NEW YORK ACADEMY OF SCIENCE

Fellow

1944 Kertesz, Francois

1963 Charpie, Robert A.

1964 Bell, Persa R.

1977 Lietzke, Milton H.

1977 Stoughton, Raymond W.

NEWARK COLLEGE OF ENGINEERING, NEW JERSEY

Outstanding Alumnus Award

1955 Straub, Conrad P.

NOBEL FOUNDATION

Nobel Prize in Physics

1963 Wigner, Eugene P.

NORTH CAROLINA. UNIVERSITY.

Distinguished Alumnus Award

1974 Way, Katherine

NORTH DAKOTA STATE UNIVERSITY

Alumni Achievement Award

1970 Blanco, Raymond E.

NORTHWESTERN UNIVERSITY, ILLINOIS

Alumni Merit Award

1968 Swartout, John A.

NOTRE DAME. UNIVERSITY, INDIANA

Centennial of Science Award

1965 Kopp, Otto C.

1965 Sworski, Thomas J.

Honorary Doctorate

- 1963 Lind, Samuel C.*
1965 Wigner, Eugene P.

NUCLEAR AND PLASMA SCIENCES SOCIETY, IEEE

Merit Award

- 1977 Martin, John A.

OAK RIDGE NATIONAL LABORATORY

Eugene P. Wigner Fellowship

- 1976 Ulehla, Martin V.
1976 Waddell, Bruce V.*
1976 Wei, George C.
1977 Conradi, Mark S.
1977 Johnson, Dale W.
1977 Johnson, Elijah
1977 Newbold, J. Denis
1977 Noid, Donald W.
1977 Zaluzec, Nester J.
1978 Heath, Michael T.
1978 Hingerty, Brian E.
1978 Hirshman, Steven P.
1978 Young, Glenn R.
1979 Dudney, Nancy J.
1979 Maddigan, Ruth J.
1979 Ramsey, J. Michael
1980 James, Ralph B.
1981 Hobbs, Benjamin F.
1981 Otaduy, Pedro J.
1981 Sugihara, George
1982 Scott, Steven D.
1983 Turner, Robert S.
1983 Wesolowski, David
1984 Wehe, David K.

OPTICAL SOCIETY OF AMERICA

Fellow

- 1959 McNally, J. Rand, Jr.
1965 Vander Sluis, Kenneth L.
1974 Arakawa, Edward T.

OTTAWA. UNIVERSITY, KANSAS

Honorary Doctorate

- 1965 Blizard, Everitt P.*

PENNSYLVANIA. UNIVERSITY

Honorary Doctorate

- 1961 Wigner, Eugene P.

PERUVIAN CHEMISTS SOCIETY

Fellow

- Wollan, Ernest O.*

PHILADELPHIA BOARD OF DIRECTORS OF CITY TRUSTS

John Scott Medal and Award

- 1972 Anderson, Norman G.

PITTSBURGH DIFFRACTION SOCIETY

Sidhu Award

- 1968 Nicklow, Robert M.
1969 Baldwin, Thomas O.
1974 Larson, Bennett C.

PRINCETON UNIVERSITY, NEW JERSEY

Honorary Doctorate

- 1976 Wigner, Eugene P.

PURDUE UNIVERSITY, INDIANA

Distinguished Engineering Alumnus Award

Baker, Merl

Glenn L. Jenkins Award for Excellence in Research

- 1976 Shank, Kenneth E.

RADFORD COLLEGE, VIRGINIA

Most Outstanding Alumnus

1978 Bowman, Kimiko O.

RADIATION RESEARCH SOCIETY

Failla Memorial Lecturer

1965 Weinberg, Alvin M.

1973 Setlow, Richard B.

1976 Richmond, Chester R.

President

1954 Hollaender, Alexander

1965 Upton, Arthur C.

RANDOLPH-MACON COLLEGE. VIRGINIA

Honorary Doctorate

1979 Gibbons, John H.

RARE EARTH RESEARCH CONFERENCE, INC.

Frank H. Spedding Award

1983 Koehler, Wallace C.

REMSCHEID. CITY, F.R.G.

Roentgen Medal

1973 Russell, Liane B.

1973 Russell, William L.

REPUBLIC OF ITALY

Order of Merit

1961 Hollaender, Alexander

RESEARCH AND DEVELOPMENT

IR-100 Award

1967 Ross, Harley H.

1969 Anderson, Norman G.

1971 Johnson, Wayne F.

1971 Pitt, W. Wilson, Jr.

1971 Scott, Charles D.

- 1973 Hurst, G. Samuel
1975 Abraham, Marvin M.
1975 Chen, Yok
1975 Conradi, Mark S.
1976 Chapman, Alan T.
1976 Clark, G. Wayne
1976 Compere, Alicia L.
1976 Griffith, William L.
1976 Kobisk, Edward H.
1976 Quinby, Thomas C.

1977 Bauer, Martin L.
1977 Blalock, T. Vaughn
1977 Borkowski, Casimer J.
1977 Breillatt, Julian
1977 Burtis, Carl A.
1977 Genung, Richard K.
1977 Hendricks, Robert W.
1977 Hurst, G. Samuel
1977 Johnson, Wayne F.
1977 Lakomy, Dale G.
1977 Mrochek, John E.
1977 Nayfeh, Munir H.
1977 Payne, Marvin G.
1977 Remenyik, Carl J.
1977 Sartory, Walter K.
1977 Scott, Charles D.
1977 Wagner, Edward B.
1977 Willis, Damous D.
1977 Young, Jack P.
1978 Canon, Ronald M.

1978 Cantrell, John H.
1978 Goans, Ronald E.
1978 Scott, Charles D.
1978 Sisson, Warren G.
1978 Spence, Roger D.
1979 Angelini, Peter
1979 Beatty, Ronald L.
1979 Begovich, John M.

- 1979 Caputo, Anthony J.
1979 Donnelly, Ralph G.
1979 Haas, Paul A.
1979 Hancher, Charles W.
1979 Harrington, Francis E.
1979 Haws, Claude C.
1979 Horak, James A.
1979 Inouye, Henry
1979 Kappelmann, Frederick A.
1979 Lackey, W.J.

1979 Lee, Douglas D.
1979 Leuze, Rex E.
1979 Liu, Chain T.
1979 Lloyd, Milton, H.
1979 Long, Ernest L., Jr.
1979 Lotts, Adolphus L.
1979 Mack, James E.
1979 Narayan, Jagdish
1979 Norman, Roy E.
1979 Notz, Karl J.

1979 Pasto, Arvid E.
1979 Ryon, Allen D.
1979 Schaffhauser, Anthony C.
1979 Scott, Charles D.
1979 Spence, Roger D.
1979 Stinton, David P.
1979 Suchomel, Robert R.
1979 Vavruska, John S.
1979 Wood, Richard F.
1979 Young, Rosa T.

1980 Angelini, Peter
1980 Bauer, Martin L.
1980 Blair, Michael S.
1980 Caputo, Anthony J.
1980 Crouse, David J.
1980 Hurst, Fred J., Jr.
1980 Kiplinger, Donald

1980 Mrochek, John E.
1980 Phillips, Richard G.
1980 Pitt, W. Wilson, Jr.
1980 Schulze, Gerald K.
1980 Schuresko, Daniel D.
1980 Suchomel, Robert R.
1980 Walker, William A.
1980 Willey, Melvin G.
1981 Arakawa, Edward T.
1981 Caldwell, Paul J.

1981 Case, Gerry N.
1981 Hise, Eugene C., Jr.
1981 Holman, Allen S.
1981 McDowell, William J.
1981 Vo-Dinh, Tuan
1982 Abraham, Marvin M.
1982 Anderson, Richard L.
1982 Boatner, Lynn A.
1982 Chen, Yok
1982 Eatherly, Walter P.

1982 Kennedy, C. Raymond
1982 King, James F.
1982 McDonald, Robert E.
1982 Miller, George N.
1982 Moorhead, Arthur J.
1982 Morgan, Chester S.
1982 Narayan, Jagdish
1982 Patriarca, Peter
1982 Rogers, S. Calvin
1982 Roseberry, Ronald T.

1982 Sikka, Vinod K.
1982 Stewart, Joseph H., Jr.
1983 Appleton, Bill R.
1983 Chitwood, Lynn D.
1983 Compton, Robert N.
1983 Cooper, C. Dewey
1983 Deeds, William E.

- 1983 Dodd, Caius V.
1983 Holland, O. Wayne
1983 Ice, Gene E.
1983 Koch, Carl C.
1983 Liu, Chain T.
1983 Miller, John C.
1983 Narayan, Jagdish
1983 Palko, Aloysius A.
1983 Posey, Franz A.
1983 Sparks, Cullie J.

1983 White, C. Woody
1983 Willey, Melvin G.
1984 Adler, Howard I.
1984 Chen, Chung-hsuan
1984 Crow, Weldon D.
1984 Herndon, Joseph N.
1984 Hurst, G. Samuel
1984 Kramer, Steve L.
1984 Martin, H. Lee
1984 Mook, Herbert A., Jr.

1984 Phillips, Ronald C.
1984 Satterlee, Paul E.
1984 Schulze, Gerald K.

RHODES TRUST. UNITED KINGDOM

Scholarship

- 1949 Long, Hugh M.

ROCHESTER. UNIVERSITY, NEW YORK

Honorary Doctorate

- 1973 Weinberg, Alvin M.

ROCKEFELLER UNIVERSITY, NEW YORK

Honorary Doctorate

- 1970 Wigner, Eugene P.

ROYAL SOCIETY OF HEALTH, UNITED KINGDOM

Fellow

1958 Morton, Roy J.*

1973 Burchsted, Clifford A.*

ROYAL STATISTICAL SOCIETY, UNITED KINGDOM

Fellow

Kastenbaum, Marvin A.

Uppuluri, V.R. Rao

ROYAL SWEDISH ACADEMY OF SCIENCES

Radiation Protection Medal

1962 Morgan, Karl Z.

SETON HALL UNIVERSITY, NEW JERSEY

Honorary Doctorate

1969 Wigner, Eugene P.

SHEFFIELD UNIVERSITY, UNITED KINGDOM

Brunton Medal for Metallurgical Research

1962 Farrell, Kenneth

SMITH COLLEGE, MASSACHUSETTS

Honorary Doctorate

1964 Whiting, Anna R.

SOCIETY FOR CRYOBIOLOGY

President

1973 Mazur, Peter

**SOCIETY FOR INDUSTRIAL AND APPLIED
MATHEMATICS**

President

1963 Householder, Alston S.

SOCIETY FOR RISK ANALYSIS

Outstanding Service Award

1984 Cumming, Robert B.

**SOCIETY OF ENVIRONMENTAL TOXICOLOGY AND
CHEMISTRY**

President

1985 Walton, Barbara T.

SOCIETY OF GENERAL PHYSIOLOGISTS

President

1979 Cook, John S.

SOCIETY OF RESEARCH ADMINISTRATORS

Distinguished Contributor to Research Administration Award

1978 Weinberg, Alvin M.

SOCIETY OF RHEOLOGY

Eugene Cook Bingham Medal

1965 Guth, Eugene

SOCIETY OF WOMEN ENGINEERS

Distinguished New Engineers Award

1983 Whatley, Susan K.

SOIL SCIENCE SOCIETY OF AMERICA

Fellow

1980 Tamura, Tsuneo

STATE UNIVERSITY OF NEW YORK AT BUFFALO

**Citation for Distinguished Accomplishments in Field of Nuclear
Science**

1957 Swartout, John A.

STEVENS INSTITUTE OF TECHNOLOGY, NEW JERSEY

Honorary Doctorate

1973 Weinberg, Alvin M.

STRAUSS, LEWIS AND ROSA, MEMORIAL FUND

Albert Einstein Award

1972 Wigner, Eugene P.

SWARTHMORE COLLEGE, PENNSYLVANIA

Honorary Doctorate

1966 Wigner, Eugene P.

TECHNION, ISRAEL INSTITUTE OF TECHNOLOGY

Harvey Prize in Science and Technology

1982 Weinberg, Alvin M.

TECHNISCHE UNIVERSITAT MUNCHEN, MUNICH, F.R.G.

Honorary Doctorate

1965 Householder, Alston S.

TENNESSEE SOCIETY OF PROFESSIONAL ENGINEERS

Outstanding Engineering Award

1980 Fischer, Harry C.

1980 Hise, Eugene C., Jr.

1980 Moyers, John C.

TENNESSEE TECHNOLOGICAL UNIVERSITY

Engineer of Distinction

1985 Ferguson, Don E.

TENNESSEE WESLEYAN COLLEGE

Distinguished Alumnus Award

1983 Oliphant, George W.

Honorary Doctorate

1977 Trauger, Donald B.

TENNESSEE UNIVERSITY, CHATTANOOGA

Distinguished Alumnus Award

1982 Hurt, Samuel S.

Honorary Doctorate

1963 Weinberg, Alvin M.

TENNESSEE UNIVERSITY, KNOXVILLE

Chancellor's Research Scholar Award

1976 Sellin, Ivan A.

Distinguished Service Professor

1983 Sellin, Ivan A.

M.E. Brooks Distinguished Professor Award

1977 Blalock, T. Vaughn

1981 Dodds, Harold L., Jr.

N.W. Dougherty Award in Engineering

1968 Weinberg, Alvin M.

1983 Manly, William D.

Outstanding Engineering Alumnus Award

1972 Lundy, Ted S.

1973 Cole, Nancy C.

1975 Scott, Charles D.

1980 McClung, Robert W.

1984 Oakes, Lester C.

Women of Achievement Award

1983 Whatley, Susan K.

TEXAS. UNIVERSITY

Honorary Doctorate

1978 Wigner, Eugene P.

THIEL COLLEGE, PENNSYLVANIA

Honorary Doctorate

1964 Wigner, Eugene P.

TOKAI UNIVERSITY. JAPAN

Medal

1980 Regan, James D.

UNION CARBIDE CORPORATION

Corporate Fellow

1976 Fraas, Arthur P. (Engineering)

1976 Satchler, G. Raymond (Research)

1978 Kimball, Richard F. (Research)

- 1979 Datz, Sheldon (Research)
- 1979 Hurst, G. Samuel (Research)
- 1979 Koehler, Wallace C. (Research)
- 1979 Livingston, Ralph (Research)
- 1979 Perey, Francis G. (Research)
- 1979 Ritchie, Rufus H. (Research)
- 1981 Christophorou, Loucas G. (Research)
- 1983 Russell, Liane B. Research
- 1983 Scott, Charles D. (Research)
- 1983 Storer, John B. (Research)
- 1983 Whitman, Graydon D. (Engineering)
- 1984 Wood, Richard F. (Research)

Senior Research Fellow

- 1976 Russell, William L.

UNITED STATES

Medal for Merit

- 1946 Wigner, Eugene P.

Medal of Science

- 1969 Wigner, Eugene P.

UNITED STATES. DEPARTMENT OF ENERGY

Certificate of Appreciation

- 1969 Hoy, Harry C.
- 1971 Cameron, Angus E.*
- 1975 Richmond, Chester R.
- 1978 Gray, Robert J.
- 1978 Slaughter, Gerald M.
- 1982 Bloom, Everett E.
- 1982 Haselton, Halsey H.
- 1982 Hogan, John T.
- 1982 Lyon, James F.
- 1982 Peng, YK Martin
- 1982 Shannon, Thomas E.
- 1982 Sheffield, John
- 1982 Steiner, Donald

- 1983 Frederick, Edward J.
- 1983 Godbee, Herschel W.
- 1985 Edmonds, Phillip H.
- 1985 Mioduszewski, Peter K.

Citation for Outstanding Contributions

- 1966 Hollaender, Alexander
- 1972 Anderson, Norman G.
- 1981 Haywood, Frederick F.

Distinguished Associate Award

- 1976 Clarke, John
- 1984 Berry, Lee A.
- 1985 Barnett, Clarence F.

Distinguished Service Medal of the Federal Energy Administration

- 1974 Gibbons, John H.

**Energy Conversion and Utilization Technologies Program,
Materials Project Commendation**

- 1982 Carpenter, Joseph A., Jr.

Enrico Fermi Award

- 1958 Wigner, Eugene P.
- 1976 Russell, William L.
- 1980 Weinberg, Alvin M.
- 1983 Hollaender, Alexander

Ernest O. Lawrence Memorial Award

- 1960 Weinberg, Alvin M.
- 1965 Culler, Floyd L., Jr.
- 1965 Upton, Arthur C.
- 1968 Storer, John B.
- 1973 Weir, James R., Jr.
- 1974 Richmond, Chester R.
- 1976 Lotts, Adolphus L.
- 1980 Scott, Charles D.
- 1982 Mynatt, Fred R.
- 1982 Selby, Paul B.

Exceptional Service Medal

1979 Clarke, John

Lincoln Experimental Satellite Program Commendation

1976 Donnelly, Ralph G.

Mariner/Jupiter Saturn Program Commendation

1975 Inouye, Henry

1975 Liu, Chain T.

1975 Schaffhauser, Anthony C.

Metallurgy and Ceramics Award

1980 Easton, Dewey S.

1980 Koch, Carl C.

1980 Kroeger, Donald M.

Nerva Program Commendation

1966 Vondra, Benedict L., Jr.*

Special Achievement Certificate

1970 Richmond, Chester R.

1974 Olson, Jerry S.

Viking Mission Pin

1973 Carter, Joel A.

1973 Donnelly, Ralph G.

1973 Inouye, Henry

1973 Rainey, William T., Jr.

Voyager Mission Citation

1977 Galloway, Karen H.

1977 Graves, William O.

1977 Harasyn, Donald E.

1977 Heestand, Richard L.

1977 Inouye, Henry

1977 Liu, Chain T.

1977 Schaffhauser, Anthony C.

1984 Donnelly, Ralph G.

1984 Federer, J. Irvin

- 1984 Galloway, Karen H.
- 1984 Heestand, Richard L.
- 1984 Inouye, Henry
- 1984 Liu, Chain T.
- 1984 Schaffhauser, Anthony C.

**UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH COMPETITION**

Outstanding Scientific Accomplishment

- 1982 Mook, Herbert A., Jr.

Outstanding Sustained Research

- 1982 Butler, William H.
- 1982 Faulkner, J. Samuel
- 1982 Stocks, G. Malcolm

Outstanding Sustained Research in Solid State Physics

- 1981 Appleton, Bill R.
- 1981 Narayan, Jagdish
- 1981 White, C. Woody
- 1981 Wood, Richard F.
- 1981 Young, Rosa T.

Significant Implications for Energy Technology

- 1982 Clark, G. Wayne
- 1982 Coltman, Ralph R.
- 1982 Finch, Cabel B.
- 1982 Klabunde, Charles E.
- 1982 McHargue, Carl J.
- 1982 Tennery, Victor J.
- 1982 Yust, Charles S.
- 1983 Beahm, Edward C.
- 1983 Besmann, Theodore M.
- 1983 Farrell, Kenneth
- 1983 Horton, Linda L.
- 1983 Lee, Eal-Hyung
- 1983 Lewis, Montaque B.
- 1983 Lindemer, Terrence B.

- 1983 Mansur, Louis K.
- 1983 Packan, Nicholas H.
- 1983 Westbrook, Russell D.
- 1983 Wood, Richard F.
- 1983 Young, Rosa T.
- 1984 Boatner, Lynn A.
- 1984 Horton, Joseph A.
- 1984 Liu, Chain T.
- 1984 Sales, Brian C.
- 1984 White, Calvin L.

**UNITED STATES. DEPARTMENT OF HEALTH AND
HUMAN SERVICES. FOOD AND DRUG
ADMINISTRATION**

Certificate of Appreciation

- 1975 Serrano, Louis J.

UNITED STATES. JUNIOR CHAMBER OF COMMERCE

One of Ten Outstanding Young Men of the Year

- 1951 Weinberg, Alvin M.
- 1955 Charpie, Robert A.

**UNITED STATES. NUCLEAR REGULATORY
COMMISSION**

Advisory Committee on Reactor Safeguards

- 1959 Ergen, William K.* (4 years)
- 1963 Manly, William D. (1 1/2 Years)
- 1965 Hanauer, Stephen H. (4 years)
- 1972 Bender, Myer A. (continuing Years)

Advisory Group for Radiological Health Effects Model Revision

- 1984 Eckerman, Keith F.

Commendation

- 1978 Bullock, J. B.

UNIVERSITY OF THE PACIFIC, CALIFORNIA

Honorary Doctorate

- 1966 Weinberg, Alvin M.

VERMONT. UNIVERSITY

Honorary Doctorate

1959 Hollaender, Alexander

WAKE FOREST UNIVERSITY, NORTH CAROLINA

Honorary Doctorate

1974 Weinberg, Alvin M.

WASHINGTON UNIVERSITY, MISSOURI

Honorary Doctorate

1950 Wigner, Eugene P.

**WAYNE STATE UNIVERSITY. COLLEGE OF
ENGINEERING**

Distinguished Engineering Alumni Achievement Award

1984 Harms, William O.

WESTMAR COLLEGE, IOWA

Distinguished Alumnus Award

1977 Selby, Paul B.

WILLIAM JEWELL COLLEGE, MISSOURI

Citation for Achievement

1968 Thomason, Paul F.*

WISCONSIN UNIVERSITY

Honorary Doctorate

1949 Wigner, Eugene P.

1969 Hollaender, Alexander

**WITWATERSRAND. UNIVERSITY, JOHANNESBURG,
SOUTH AFRICA**

Honorary Doctorate

1982 Moak, Charles D.

**WORCESTER POLYTECHNICAL INSTITUTE,
MASSACHUSETTS**

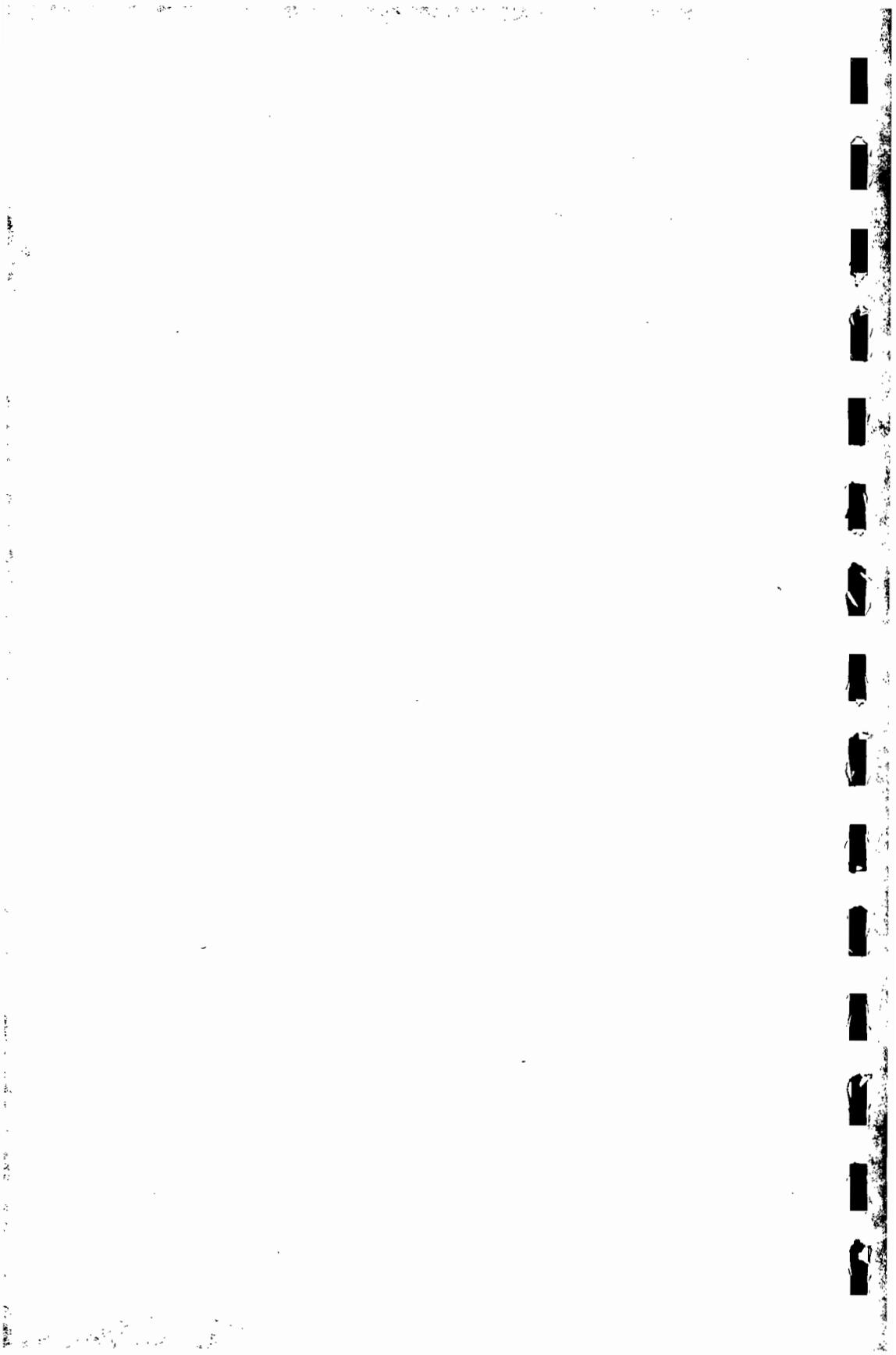
Honorary Doctorate

1971 Weinberg, Alvin M.

YESHIVA UNIVERSITY, NEW YORK

Honorary Doctorate

1963 Wigner, Eugene P.



RECIPIENT INDEX

Abee, Harold H.

- 1967 HEALTH PHYSICS SOCIETY-Elda E. Anderson
Memorial Award

Abraham, Marvin M.

- 1958 FULBRIGHT-HAYS AWARD-Fellowships
1959 FULBRIGHT-HAYS AWARD-Fellowships
1969 AMERICAN PHYSICAL SOCIETY-Fellow
1975 RESEARCH AND DEVELOPMENT-IR-100 Award
1982 AMERICAN CERAMIC SOCIETY-Fellow
1982 RESEARCH AND DEVELOPMENT-IR-100 Award

Adair, Harold L.

- 1975 NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION-Apollo-Soyuz Group Achievement
Award

Adams, Raymond K.

- 1967 INSTRUMENT SOCIETY OF AMERICA-Fellow

Adler, Howard I.

- 1984 RESEARCH AND DEVELOPMENT-IR-100 Award

Agron, Paul A.

- 1968 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Alexeff, Igor

- 1968 AMERICAN PHYSICAL SOCIETY-Fellow
1980 INSTITUTE OF ELECTRICAL AND
ELECTRONICS ENGINEERS-Fellow
AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

*Deceased.

Alsmiller, Rufard G., Jr.

1972 AMERICAN NUCLEAR SOCIETY-Fellow

Anderson, Elda E.*

1959 HEALTH PHYSICS SOCIETY-President
AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Anderson, Norman G.

1969 RESEARCH AND DEVELOPMENT-IR-100 Award
1972 GERMAN INSTITUTE OF CLINICAL
CHEMISTRY, MUNICH-Biochemical Analysis Prize
1972 PHILADELPHIA BOARD OF DIRECTORS OF
CITY TRUSTS-John Scott Medal and Award
1972 UNITED STATES. DEPARTMENT OF ENERGY-
Citation for Outstanding Contributions
1974 AMERICAN ASSOCIATION FOR CLINICAL
CHEMISTRY, NEW YORK METROPOLITAN
SECTION-Van Slyke Award in Clinical Chemistry

Anderson, Richard L.

1970 AMERICAN INSTITUTE OF CHEMISTS-Fellow
1982 RESEARCH AND DEVELOPMENT-IR-100 Award

Angelini, Peter

1979 RESEARCH AND DEVELOPMENT-IR-100 Award
1980 RESEARCH AND DEVELOPMENT-IR-100 Award

Appleton, Bill R.

1979 AMERICAN PHYSICAL SOCIETY-Fellow
1981 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Outstanding Sustained Research in
Solid State Physics
1983 RESEARCH AND DEVELOPMENT-IR-100 Award

Arakawa, Edward T.

- 1974 OPTICAL SOCIETY OF AMERICA-Fellow
- 1981 RESEARCH AND DEVELOPMENT-IR-100 Award
- 1982 AMERICAN PHYSICAL SOCIETY-Fellow

Arnold, Eldon D.

- 1968 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Arnold, Wesley D.

- 1979 CHEMICAL ENGINEERING-Kirkpatrick Chemical Engineering Achievement Award

Arnold, William A.

- 1962 NATIONAL ACADEMY OF SCIENCES-Membership
- 1963 AMERICAN SOCIETY OF PLANT PHYSIOLOGISTS-Charles F. Kettering Research Award
- 1963 AMERICAN SOCIETY OF PLANT PHYSIOLOGISTS-Charles F. Kettering Award in Plant Physiology
- 1975 AMERICAN SOCIETY OF PLANT PHYSIOLOGISTS-Charles Reid Barnes Life Membership Award
- AMERICAN PHYSICAL SOCIETY-Fellow
- AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE-Fellow

Auerbach, Stanley I.

- 1965 AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE-Fellow
- 1971 ECOLOGICAL SOCIETY OF AMERICA-President

Auxier, John A.

- 1962 NATIONAL INSTITUTE FOR DISASTER MOBILIZATION INC.-National Preparedness Award
- 1963 HEALTH PHYSICS SOCIETY-Elda E. Anderson Memorial Award
- 1977 HEALTH PHYSICS SOCIETY-President
- 1980 DEFENSE NUCLEAR AGENCY-Meritorious Public Service Award

Baes, Charles F., Jr.

- 1979 CHEMICAL ENGINEERING-Kirkpatrick Chemical
Engineering Achievement Award
AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Baird, James K.

- 1970 DEFENSE NUCLEAR AGENCY-Certificate of
Achievement

Baker, Merl

- PURDUE UNIVERSITY, INDIANA-Distinguished
Engineering Alumnus Award

Baker, Philip S.

- 1958 AMERICAN INSTITUTE OF CHEMISTS-Fellow
1964 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Baldock, Russell C.

- 1968 LYNCHBURG COLLEGE, VIRGINIA-T. Gibson
Hobbs Distinguished Service Award
1979 LYNCHBURG COLLEGE, VIRGINIA-Richard H.
Thornton Award

Baldwin, Thomas O.

- 1969 PITTSBURGH DIFFRACTION SOCIETY-Sidhu
Award

Bamberger, Carlos E.

- 1971 AMERICAN INSTITUTE OF CHEMISTS-Fellow
1977 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Barnett, Clarence F.

- 1982 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

1985 UNITED STATES. DEPARTMENT OF ENERGY-
Distinguished Associate Award
AMERICAN PHYSICAL SOCIETY-Fellow

Bates, John B.

1984 AMERICAN PHYSICAL SOCIETY-Fellow

Bauer, Martin L.

1977 RESEARCH AND DEVELOPMENT-IR-100 Award

1980 RESEARCH AND DEVELOPMENT-IR-100 Award

Baybarz, Russell D.*

1972 ALEXANDER VON HUMBOLDT STIFTUNG.
BONN, F.R.G.-Alexander Von Humboldt Award

Beahm, Edward C.

1983 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Significant Implications for Energy
Technology

Beall, Samuel E., Jr.

1971 AMERICAN NUCLEAR SOCIETY-Fellow

Beatty, Ronald L.

1979 RESEARCH AND DEVELOPMENT-IR-100 Award

Becker, Richard L.

1971 AMERICAN PHYSICAL SOCIETY-Fellow

Begovich, John M.

1979 RESEARCH AND DEVELOPMENT-IR-100 Award

Bell, Persa R.

1954 HOWARD UNIVERSITY, DISTRICT OF
COLUMBIA-Honorary Doctorate

1964 FRANKLIN INSTITUTE-Edward Longstreth Medal

1964 NEW YORK ACADEMY OF SCIENCE-Fellow
AMERICAN PHYSICAL SOCIETY-Fellow

Bemis, Curtis E., Jr.

- 1964 FULBRIGHT-HAYS AWARD-Fellowships
- 1975 AMERICAN PHYSICAL SOCIETY-Fellow

Bender, Myer A.

- 1972 UNITED STATES. NUCLEAR REGULATORY COMMISSION-Advisory Committee on Reactor Safeguards (continuing Years)
- 1984 AMERICAN SOCIETY OF MECHANICAL ENGINEERS-Fellow
AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE-Fellow

Berggren, Reynold G.

- 1978 AMERICAN SOCIETY FOR TESTING AND MATERIALS-E-10 Honorary Member Award
- 1979 AMERICAN WELDING SOCIETY-McKay-Helm Award

Berry, Lee A.

- 1979 AMERICAN PHYSICAL SOCIETY-Fellow
- 1984 UNITED STATES. DEPARTMENT OF ENERGY-Distinguished Associate Award

Bertrand, Frederick E., Jr.

- 1982 AMERICAN PHYSICAL SOCIETY-Fellow

Besmann, Theodore M.

- 1983 UNITED STATES. DEPARTMENT OF ENERGY. MATERIALS SCIENCE RESEARCH COMPETITION-Significant Implications for Energy Technology
- 1985 AMERICAN NUCLEAR SOCIETY-Young Member Engineering Achievement Award

Billington, Douglas S.*

- 1961 AMERICAN PHYSICAL SOCIETY-Fellow
- 1962 AMERICAN NUCLEAR SOCIETY-Fellow
AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE-Fellow

Binford, Franklin T.

- 1974 AMERICAN NUCLEAR SOCIETY-Fellow
- 1980 AMERICAN NUCLEAR SOCIETY-Special Awards-
25th Anniversary Exceptional Service Award

Birkhoff, Robert D.

- 1976 AMERICAN PHYSICAL SOCIETY-Fellow

Blackmon, James T.

- 1980 NATIONAL SAFETY COUNCIL-William H. Cameron
Award

Blair, Michael S.

- 1980 RESEARCH AND DEVELOPMENT-IR-100 Award

Blalock, T. Vaughn

- 1976 NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION-Performance Commendation
- 1977 RESEARCH AND DEVELOPMENT-IR-100 Award
- 1977 TENNESSEE UNIVERSITY, KNOXVILLE-M.E.
Brooks Distinguished Professor Award

Blanco, Raymond E.

- 1970 NORTH DAKOTA STATE UNIVERSITY-Alumni
Achievement Award
- 1981 AMERICAN NUCLEAR SOCIETY-Fellow

Blankenship, Forest F.

- 1964 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Blizard, Everitt P.*

- 1961 AMERICAN NUCLEAR SOCIETY-Fellow
- 1965 AMERICAN NUCLEAR SOCIETY-Special Service
Award-Editor of NUCLEAR SCIENCE AND
ENGINEERING
- 1965 OTTAWA UNIVERSITY, KANSAS-Honorary
Doctorate

- 1966 FRANKLIN INSTITUTE-Elliott Cresson Medal
- 1980 AMERICAN NUCLEAR SOCIETY-Special Awards-
25th Anniversary Exceptional Service Award

Blomeke, John O.

- 1977 AMERICAN NUCLEAR SOCIETY-Special Awards-
Outstanding Work in Chemical Technology in Fuel
Recycle
- 1979 AMERICAN NUCLEAR SOCIETY-Fellow

Bloom, Everett E.

- 1981 AMERICAN NUCLEAR SOCIETY-Young Member
Engineering Achievement Award
- 1982 UNITED STATES. DEPARTMENT OF ENERGY-
Certificate of Appreciation
- 1983 AMERICAN SOCIETY FOR METALS-Fellow

Boatner, Lynn A.

- 1974 AMERICAN INSTITUTE OF AERONAUTICS AND
ASTRONAUTICS-Fellow
- 1977 AMERICAN PHYSICAL SOCIETY-Fellow
- 1982 RESEARCH AND DEVELOPMENT-IR-100 Award
- 1984 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Significant Implications for Energy
Technology

Boch, Alfred L.

- 1980 AMERICAN NUCLEAR SOCIETY-Fellow

Bolton, Newell E.

- 1981 AMERICAN ACADEMY OF INDUSTRIAL
HYGIENE-Henry F. Smyth Award

Booth, Ray S.

- 1984 AMERICAN NUCLEAR SOCIETY-Fellow

Bopp, C. Daniel

- 1969 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Borie, Bernard S., Jr.

- 1956 FULBRIGHT-HAYS AWARD-Fellowships
- 1965 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Borkowski, Casimer J.

- 1964 AMERICAN NUCLEAR SOCIETY-Fellow
- 1977 RESEARCH AND DEVELOPMENT-IR-100 Award

Borowski, Stanley K.

- 1983 AMERICAN NUCLEAR SOCIETY-Mark Mills
Award

Bottcher, Christopher

INSTITUTE OF PHYSICS AND PHYSICAL
SOCIETY, UNITED KINGDOM-Fellow

Bowman, Kimiko O.

- 1970 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
- 1976 AMERICAN STATISTICAL ASSOCIATION-Fellow
- 1978 INTERNATIONAL STATISTICAL INSTITUTE-
Ordinary Member
- 1978 RADFORD COLLEGE, VIRGINIA-Most Outstanding
Alumnus

Boyd, George E.

- 1951 AMERICAN CHEMICAL SOCIETY. MEMPHIS
SECTION.-Southern Chemists Gold Medal Award
- 1952 FULBRIGHT-HAYS AWARD-Fellowships
- 1952 GUGGENHEIM FOUNDATION-Fellowships
- 1962 AMERICAN NUCLEAR SOCIETY-Fellow
- 1965 AMERICAN INSTITUTE OF CHEMISTS-Fellow
- 1969 AMERICAN CHEMICAL SOCIETY-Nuclear
Applications in Chemistry Award
- AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Bradley, Ronnie A.

1980 AMERICAN CERAMIC SOCIETY-Fellow

Braski, David N.

1980 AMERICAN WELDING SOCIETY-McKay-Helm
Award

Braunstein, Helen M.

1964 AMERICAN INSTITUTE OF CHEMISTS-Medal for
Outstanding Work in Chemistry

1980 EAST-WEST ENVIRONMENT AND POLICY
INSTITUTE-Professional Associate Award

Braunstein, Jerry

1968 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Breazeale, William M.*

1980 AMERICAN NUCLEAR SOCIETY-Special Awards-
25th Anniversary Exceptional Service Award

Bredig, Max A.*

1948 MINERALOGICAL SOCIETY, UNITED
KINGDOM-Bredigite. Name assigned mineral

1964 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

1978 ELECTROCHEMICAL SOCIETY. PHYSICAL
ELECTROCHEMISTRY DIVISION-Bredig Memorial
Symposium. Name Honor (Second International
Symposium on Molten Salts)

Breillatt, Julian

1977 RESEARCH AND DEVELOPMENT-IR-100 Award

Bresee, James C.

1968 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Brinkman, Charles R.

1981 AMERICAN SOCIETY FOR METALS-Fellow

Brown, Keith B.

- 1956 MINING WORLD-Technical Achievement Award
- 1965 AMERICAN NUCLEAR SOCIETY-Certificate of Merit
- 1979 CHEMICAL ENGINEERING-Kirkpatrick Chemical Engineering Achievement Award

Brunton, George D.

MINERALOGICAL SOCIETY OF AMERICA-Fellow

Buck, John H.

AMERICAN PHYSICAL SOCIETY-Fellow

Bullock, J. B.

- 1978 UNITED STATES. NUCLEAR REGULATORY COMMISSION-Commendation

Burchsted, Clifford A.*

- 1965 AMERICAN SOCIETY OF MECHANICAL ENGINEERS-Certificate of Commendation
- 1966 AMERICAN SOCIETY OF MECHANICAL ENGINEERS-Certificate of Commendation
- 1968 AMERICAN ASSOCIATION FOR CONTAMINATION CONTROL-Certificate of Commendation
- 1968 AMERICAN SOCIETY OF MECHANICAL ENGINEERS-Certificate of Commendation
- 1973 ROYAL SOCIETY OF HEALTH, UNITED KINGDOM-Fellow
- 1974 INSTITUTE OF ENVIRONMENTAL SCIENCES-Seligman Award
- 1975 AMERICAN SOCIETY OF MECHANICAL ENGINEERS-Fellow
- 1978 AMERICAN SOCIETY FOR TESTING AND MATERIALS-Award of Appreciation
- 1980 AMERICAN SOCIETY OF MECHANICAL ENGINEERS-Centennial Medal
- 1983 AMERICAN SOCIETY FOR TESTING AND MATERIALS-Fellow

Burtis, Carl A.

1977 RESEARCH AND DEVELOPMENT-IR-100 Award

Busing, William R.

1971 AMERICAN CRYSTALLOGRAPHIC
ASSOCIATION-President

Butler, William H.

1977 AMERICAN INSTITUTE OF PHYSICS-Noteworthy
Scientific Achievement

1982 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Outstanding Sustained Research

Cable, Joseph W.

1967 AMERICAN PHYSICAL SOCIETY-Fellow

Caldwell, Paul J.

1981 RESEARCH AND DEVELOPMENT-IR-100 Award

Callen, James D.

1978 AMERICAN PHYSICAL SOCIETY-Fellow

Callihan, A. Dixon

1958 AMERICAN PHYSICAL SOCIETY-Fellow

1960 AMERICAN NUCLEAR SOCIETY-Fellow

1964 MARSHALL UNIVERSITY, WEST VIRGINIA-
Honorary Doctorate

1967 AMERICAN NUCLEAR SOCIETY-David V.P.
Williams Memorial Award

1980 AMERICAN NUCLEAR SOCIETY-Special Awards-
25th Anniversary Exceptional Service Award

1983 AMERICAN NUCLEAR SOCIETY-Distinguished
Service Award

Cameron, Angus E.*

1955 MINNESOTA. UNIVERISTY.-Distinguished Alumni
Award

- 1955 FULBRIGHT-HAYS AWARD-Fellowships
1971 UNITED STATES. DEPARTMENT OF ENERGY-
Certificate of Appreciation

Campbell, David O.

- 1981 AMERICAN NUCLEAR SOCIETY-Special Awards-
Advancements in Nuclear Technology

Campbell, Edward C.

- 1957 AMERICAN PHYSICAL SOCIETY-Fellow

Canon, Ronald M.

- 1978 RESEARCH AND DEVELOPMENT-IR-100 Award

Canonico, Domenic A.

- 1977 AMERICAN SOCIETY FOR METALS-Fellow
1977 AMERICAN WELDING SOCIETY-Rene D.
Wasserman Award
1980 AMERICAN WELDING SOCIETY-James F. Lincoln
Gold Medal Award

Cantrell, Eugene S.

- 1970 NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION-Apollo Achievement Award

Cantrell, John H.

- 1978 RESEARCH AND DEVELOPMENT-IR-100 Award

Caputo, Anthony J.

- 1979 RESEARCH AND DEVELOPMENT-IR-100 Award
1980 RESEARCH AND DEVELOPMENT-IR-100 Award

Cardwell, Roy G.

- 1979 INSTITUTE OF NUCLEAR MATERIALS
MANAGEMENT-Special Service Award

Carlson, Thomas A.

- 1967 GUGGENHEIM FOUNDATION-Fellowships
1973 AMERICAN PHYSICAL SOCIETY-Fellow

Carpenter, Joseph A., Jr.

1982 UNITED STATES. DEPARTMENT OF ENERGY-
Energy Conversion and Utilization Technologies
Program, Materials Project Commendation

Carreras, Benjamin A.

1984 AMERICAN PHYSICAL SOCIETY-Fellow

Carroll, Bonnie C.

1984 AMERICAN SOCIETY FOR INFORMATION
SCIENCE-President

Carson, Stanley F.

1957 AMERICAN ACADEMY OF MICROBIOLOGY-
Fellow
AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Carter, Joel A.

1973 UNITED STATES. DEPARTMENT OF ENERGY-
Viking Mission Pin

Cartledge, Groves H.*

1966 NATIONAL ASSOCIATION OF CORROSION
ENGINEERS-Willis Rodney Whitney Award
1967 AMERICAN CHEMICAL SOCIETY. GEORGIA
SECTION.-Charles Holmes Hertzy Award

Case, Gerry N.

1981 RESEARCH AND DEVELOPMENT-IR-100 Award

Cathcart, John V.

1979 AMERICAN SOCIETY FOR METALS-Fellow

Chapman, Alan T.

1976 RESEARCH AND DEVELOPMENT-IR-100 Award

Charpie, Robert A.

- 1955 UNITED STATES. JUNIOR CHAMBER OF
COMMERCE-One of Ten Outstanding Young Men of
the Year
- 1957 CARNEGIE INSTITUTE OF TECHNOLOGY,
PENNSYLVANIA-Alumni Merit Award
- 1962 AMERICAN NUCLEAR SOCIETY-Fellow
- 1963 NEW YORK ACADEMY OF SCIENCE-Fellow
- 1965 DENISON UNIVERSITY, OHIO-Honorary Doctorate
- 1968 AMERICAN WELDING SOCIETY-Fred L. Plummer
Award
- 1975 NATIONAL ACADEMY OF ENGINEERING-
Membership
AMERICAN PHYSICAL SOCIETY-Fellow

Chen, Chung-hsuan

- 1984 RESEARCH AND DEVELOPMENT-IR-100 Award

Chen, Yok

- 1975 RESEARCH AND DEVELOPMENT-IR-100 Award
- 1978 AMERICAN PHYSICAL SOCIETY-Fellow
- 1982 RESEARCH AND DEVELOPMENT-IR-100 Award
- 1984 AMERICAN CERAMIC SOCIETY-Fellow

Chin, Shih-Miao

- 1985 ASSOCIATION OF AMERICAN GEOGRAPHERS-
Outstanding Achievement Award

Chitwood, Lynn D.

- 1983 RESEARCH AND DEVELOPMENT-IR-100 Award

Christophorou, Loucas G.

- 1969 MANCHESTER. UNIVERSITY. GREAT BRITAIN-
Honorary Doctorate
- 1975 AMERICAN PHYSICAL SOCIETY-Fellow
- 1977 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

- 1980 GREECE. ACADEMY OF ATHENS-Correspondent
Membership
1981 UNION CARBIDE CORPORATION-Corporate
Fellow (Research)

Chu, Ernest H.Y.

AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Clark, G. Wayne

- 1976 RESEARCH AND DEVELOPMENT-IR-100 Award
1982 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Significant Implications for Energy
Technology

Clark, Gregory

- 1979 AUSTRALIAN ACADEMY OF SCIENCE-Pawsey
Medal

Clark, Walter E.

- 1958 AMERICAN INSTITUTE OF CHEMISTS-Fellow
1967 FULBRIGHT-HAYS AWARD-Fellowships

Clarke, John

- 1976 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
1976 UNITED STATES. DEPARTMENT OF ENERGY-
Distinguished Associate Award
1979 UNITED STATES. DEPARTMENT OF ENERGY-
Exceptional Service Medal
AMERICAN PHYSICAL SOCIETY-Fellow

Cleland, John W.*

- 1979 AMERICAN NUCLEAR SOCIETY-Radiation
Industry Award

Clifford, Charles E.

- 1972 AMERICAN NUCLEAR SOCIETY-Fellow

Cohen, Bernard L.

- 1955 AMERICAN PHYSICAL SOCIETY-Fellow
- 1962 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Cohn, Hans O.

- 1967 AMERICAN PHYSICAL SOCIETY-Fellow

Cohn, Waldo E.

- 1955 FULBRIGHT-HAYS AWARD-Fellowships
- 1955 GUGGENHEIM FOUNDATION-Fellowships
- 1962 AMERICAN ACADEMY OF ARTS AND
SCIENCES-Fellow
- 1962 GUGGENHEIM FOUNDATION-Fellowships
- 1963 AMERICAN CHEMICAL SOCIETY-Chromatography
and Electrophoresis Award
- 1964 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Cole, Nancy C.

- 1973 TENNESSEE UNIVERSITY, KNOXVILLE-
Outstanding Engineering Alumnus Award
- 1978 AMERICAN WELDING SOCIETY-Rene D.
Wasserman Award
- 1979 AMERICAN WELDING SOCIETY-McKay-Helm
Award

Coleman, Charles F.

- 1979 CHEMICAL ENGINEERING-Kirkpatrick Chemical
Engineering Achievement Award

Coleman, Walter S.

- 1977 MISSISSIPPI STATE UNIVERSITY-Engineering Hall
of Fame

Collins, Clair J.

- 1968 FULBRIGHT-HAYS AWARD-Fellowships
- 1979 AMERICAN CHEMICAL SOCIETY. MEMPHIS
SECTION.-Southern Chemists Gold Medal Award
- 1982 ALEXANDER VON HUMBOLDT STIFTUNG.
BONN, F.R.G.-Alexander Von Humboldt Award

Colomb, Alain L.

1980 AMERICAN NUCLEAR SOCIETY-Special Awards-
25th Anniversary Exceptional Service Award

Coltman, Ralph R.

1982 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Significant Implications for Energy
Technology

Compere, Alicia L.

1976 RESEARCH AND DEVELOPMENT-IR-100 Award

Compere, Edgar L.

1964 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
1969 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Compton, Robert N.

1978 AMERICAN PHYSICAL SOCIETY-Fellow
1983 RESEARCH AND DEVELOPMENT-IR-100 Award

Conger, Allan D.

1952 FULBRIGHT-HAYS AWARD-Fellowships

Conradi, Mark S.

1975 RESEARCH AND DEVELOPMENT-IR-100 Award
1977 OAK RIDGE NATIONAL LABORATORY-Eugene P.
Wigner Fellowship

Cook, John S.

1979 SOCIETY OF GENERAL PHYSIOLOGISTS-
President
AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Cook, K. Von

1977 AMERICAN SOCIETY FOR NONDESTRUCTIVE
TESTING-Fellow

Cooper, C. Dewey

1983 RESEARCH AND DEVELOPMENT-IR-100 Award

Corbin, Lawrence T.

1974 AMERICAN SOCIETY FOR TESTING AND MATERIALS-Award of Merit

1974 AMERICAN SOCIETY FOR TESTING AND MATERIALS-Fellow

1981 AMERICAN SOCIETY FOR TESTING AND MATERIALS-Harlan J. Anderson Award

Corum, James M.

1984 AMERICAN SOCIETY OF MECHANICAL ENGINEERS-Certificate of Award for Services to the Boiler and Pressure Vessel Code

Cottrell, William B.

1979 AMERICAN NUCLEAR SOCIETY-Fellow

1980 AMERICAN NUCLEAR SOCIETY-Special Awards-25th Anniversary Exceptional Service Award

Coutant, Charles C.

1979 AMERICAN INSTITUTE OF FISHERY RESEARCH BIOLOGISTS-Fellow

1983 AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE-Fellow

Cox, James A.

1974 AMERICAN NUCLEAR SOCIETY-Fellow

Crawford, James H., Jr.

1961 AMERICAN PHYSICAL SOCIETY-Fellow

Cromer, Sylvan J.

1955 AMERICAN SOCIETY OF MECHANICAL ENGINEERS-Richards Memorial Award

1980 AMERICAN SOCIETY OF MECHANICAL ENGINEERS-Centennial Medal

Crouse, David J.

1979 CHEMICAL ENGINEERING-Kirkpatrick Chemical
Engineering Achievement Award

1980 RESEARCH AND DEVELOPMENT-IR-100 Award

Crow, Weldon D.

1984 RESEARCH AND DEVELOPMENT-IR-100 Award

Culberson, Oran L.

1976 AMERICAN INSTITUTE OF CHEMICAL
ENGINEERS-Fellow

Culler, Floyd L., Jr.

1960 AMERICAN NUCLEAR SOCIETY-Fellow

1965 UNITED STATES. DEPARTMENT OF ENERGY-
Ernest O. Lawrence Memorial Award

1968 AMERICAN INSTITUTE OF CHEMISTS-Fellow

1969 FORD MOTOR COMPANY FUND-Atoms for Peace
Award

1972 AMERICAN INSTITUTE OF CHEMICAL
ENGINEERS-Robert E. Wilson Award

1974 NATIONAL ACADEMY OF ENGINEERING-
Membership

1977 AMERICAN NUCLEAR SOCIETY-Special Awards-
Outstanding Work in Chemical Technology in Fuel
Recycle

1980 AMERICAN NUCLEAR SOCIETY-Special Awards-
25th Anniversary Exceptional Service Award

1981 AMERICAN INSTITUTE OF CHEMICAL
ENGINEERS-Fellow

AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Cumming, Robert B.

1984 SOCIETY FOR RISK ANALYSIS-Outstanding Service
Award

Cunningham, John E.

- 1965 AMERICAN NUCLEAR SOCIETY-Certificate of Merit
- 1971 AMERICAN SOCIETY FOR METALS-Fellow
- 1974 AMERICAN NUCLEAR SOCIETY-Fellow
- 1980 AMERICAN NUCLEAR SOCIETY-Special Awards-25th Anniversary Exceptional Service Award

Curtis, Carl E.

- 1957 AMERICAN CERAMIC SOCIETY-Fellow

Dabbs, John W.T.

- 1957 AMERICAN PHYSICAL SOCIETY-Fellow

Dandl, Raphael A.

- 1968 AMERICAN PHYSICAL SOCIETY-Fellow

Danford, Merlin D.

- 1968 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Datz, Sheldon

- 1969 AMERICAN PHYSICAL SOCIETY-Fellow
- 1979 UNION CARBIDE CORPORATION-Corporate Fellow (Research)

David, Stanislaus A.

- 1980 AMERICAN WELDING SOCIETY-McKay-Helm Award
- 1982 AMERICAN WELDING SOCIETY-James F. Lincoln Gold Medal Award
- 1984 AMERICAN SOCIETY FOR METALS-Fellow

Davies, K. Thomas R.

- 1981 AMERICAN PHYSICAL SOCIETY-Fellow

Davis, Harold L.

- 1972 AMERICAN PHYSICAL SOCIETY-Fellow

Davis, Richard M.

- 1985 ASSOCIATION OF AMERICAN GEOGRAPHERS-
Outstanding Achievement Award

Davis, Wallace, Jr.

- 1969 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
1969 AMERICAN INSTITUTE OF CHEMISTS-Fellow

de Saussure, Gerard

- 1971 AMERICAN NUCLEAR SOCIETY-Fellow

Dean, Orlen C.*

- 1965 AMERICAN NUCLEAR SOCIETY-Special Awards-
Invention and Development of the Sol-Gel Process

Deeds, William E.

- 1983 RESEARCH AND DEVELOPMENT-IR-100 Award

Denny, Wallace E.

- 1958 AMERICAN SOCIETY FOR METALS-Francis F.
Lucas Metallographic Award

DeVan, Jackson H.

- 1978 AMERICAN SOCIETY FOR METALS-Fellow

Dickson, Howard W.

- 1981 HEALTH PHYSICS SOCIETY-Elda E. Anderson
Memorial Award

Dittner, Peter F.

- 1972 ALEXANDER VON HUMBOLDT STIFTUNG.
BONN, F.R.G.-Alexander Von Humboldt Award

Doan, Lewis M.

- 1958 AMERICAN CERAMIC SOCIETY-Fellow

Dodd, Caius V.

- 1976 AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING-Achievement Award
- 1976 AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING-Fellow
- 1983 RESEARCH AND DEVELOPMENT-IR-100 Award

Dodds, Harold L., Jr.

- 1981 TENNESSEE. UNIVERSITY, KNOXVILLE-M.E. Brooks Distinguished Professor Award

Dolin, Morton I.

- 1959 GUGGENHEIM FOUNDATION-Fellowships

Donnelly, Ralph G.

- 1973 UNITED STATES. DEPARTMENT OF ENERGY-Viking Mission Pin
- 1974 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-Pioneer/Jupiter Group Achievement Award
- 1976 UNITED STATES. DEPARTMENT OF ENERGY-Lincoln Experimental Satellite Program Commendation
- 1977 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-Pioneer XI Group Achievement Award
- 1978 AMERICAN SOCIETY FOR METALS-Fellow
- 1979 RESEARCH AND DEVELOPMENT-IR-100 Award
- 1984 UNITED STATES. DEPARTMENT OF ENERGY-Voyager Mission Citation

Dory, Robert A.

- 1971 AMERICAN PHYSICAL SOCIETY-Fellow

Dresner, Lawrence

- 1973 FULBRIGHT-HAYS AWARD-Fellowships

Drisko, Richard M.

1967 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

DuBose, Carus K. H.

1977 INTERNATIONAL METALLOGRAPHIC SOCIETY-
President's Award

Dudney, Nancy J.

1979 OAK RIDGE NATIONAL LABORATORY-Eugene P.
Wigner Fellowship

Duggan, Herbert G.

1975 AMERICAN SOCIETY OF MECHANICAL
ENGINEERS-Fellow

1980 AMERICAN NUCLEAR SOCIETY-Fellow

1980 AMERICAN SOCIETY OF MECHANICAL
ENGINEERS-Centennial Medal

Dunaway, Paul

1968 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Dunlap, Harlan F.

1978 INSTRUMENT SOCIETY OF AMERICA-Fellow

Dunlap, Julian L.

1979 AMERICAN PHYSICAL SOCIETY-Fellow

Dyer, Melvin I.

1983 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Easton, Dewey S.

1980 UNITED STATES. DEPARTMENT OF ENERGY-
Metallurgy and Ceramics Award

Eatherly, Walter P.

- 1982 RESEARCH AND DEVELOPMENT-IR-100 Award
- 1983 AMERICAN CARBON SOCIETY-George Skakel Memorial Award

Eckerman, Keith F.

- 1984 UNITED STATES. NUCLEAR REGULATORY COMMISSION-Advisory Group for Radiological Health Effects Model Revision

Edmonds, Phillip H.

- 1985 UNITED STATES. DEPARTMENT OF ENERGY-Certificate of Appreciation

Eichler, Eugene*

- 1975 AMERICAN PHYSICAL SOCIETY-Fellow

Eldridge, James S.

- 1970 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-Apollo Achievement Award
- 1975 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-Apollo-Soyuz Group Achievement Award

Epler, Elbert P.

- 1974 AMERICAN NUCLEAR SOCIETY-Fellow

Epperson, J. Ernest

- 1958 AMERICAN SOCIETY FOR METALS-Francis F. Lucas Metallographic Award

Ergen, William K.*

- 1956 AMERICAN PHYSICAL SOCIETY-Fellow
- 1959 UNITED STATES. NUCLEAR REGULATORY COMMISSION-Advisory Committee on Reactor Safeguards (4 years)
- 1971 AMERICAN NUCLEAR SOCIETY-Fellow

Evans, J. Wayne

- 1963 AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING-Coolidge Award

Evans, Raymond B. III

- 1968 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Eveleigh, John W.

- 1966 CHEMICAL SOCIETY OF LONDON-Fellow

Farrell, Kenneth

- 1962 SHEFFIELD UNIVERSITY, UNITED KINGDOM-
Brunton Medal for Metallurgical Research
- 1965 IRON AND STEEL INSTITUTE-Andrew Carnegie
Silver Medal
- 1970 INSTITUTION OF METALLURGISTS, UNITED
KINGDOM-Fellow
- 1983 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Significant Implications for Energy
Technology

Faulkner, J. Samuel

- 1968 FULBRIGHT-HAYS AWARD-Fellowships
- 1973 AMERICAN PHYSICAL SOCIETY-Fellow
- 1975 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
- 1982 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Outstanding Sustained Research

Federer, J. Irvin

- 1984 UNITED STATES. DEPARTMENT OF ENERGY-
Voyager Mission Citation

Feldman, Cyrus

- 1972 AMERICAN SOCIETY FOR TESTING AND
MATERIALS-Award of Merit
- 1972 AMERICAN SOCIETY FOR TESTING AND
MATERIALS-Fellow

Feldman, Melvin J.

- 1971 AMERICAN NUCLEAR SOCIETY-Fellow
- 1975 AMERICAN NUCLEAR SOCIETY-President

Felton, Jean S.

- AMERICAN PUBLIC HEALTH ASSOCIATION-Fellow

Ferguson, Don E.

- 1970 AMERICAN NUCLEAR SOCIETY-Fellow
- 1977 AMERICAN NUCLEAR SOCIETY-Special Awards-
Outstanding Work in Chemical Technology in Fuel
Recycle
- 1980 AMERICAN NUCLEAR SOCIETY-Special Awards-
25th Anniversary Exceptional Service Award
- 1985 TENNESSEE TECHNOLOGICAL UNIVERSITY-
Engineer of Distinction

Finch, Cabel B.

- 1981 MINERALOGICAL SOCIETY OF AMERICA-Fellow
- 1982 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Significant Implications for Energy
Technology

Fischer, Harry C.

- 1980 TENNESSEE SOCIETY OF PROFESSIONAL
ENGINEERS-Outstanding Engineering Award

Fischer, Susan M.

- 1977 INTERNATIONAL UNION AGAINST CANCER-
ICRETT Award

Fisher, Dale J.

- 1969 AMERICAN CHEMICAL SOCIETY-Chemical
Instrumentation Award

Fontana, Mario H.

- 1981 AMERICAN NUCLEAR SOCIETY-Fellow

Ford, James L.C., Jr.

- 1973 ALEXANDER VON HUMBOLDT STIFTUNG.
BONN, F.R.G.-Alexander Von Humboldt Award
- 1976 AMERICAN PHYSICAL SOCIETY-Fellow

Foster, Billy E.

- 1963 AMERICAN SOCIETY FOR NONDESTRUCTIVE
TESTING-Coolidge Award
- 1975 AMERICAN SOCIETY FOR NONDESTRUCTIVE
TESTING-Fellow

Foster, Christopher A.

- 1984 AMERICAN NUCLEAR SOCIETY-Special Awards-
Outstanding Technical Accomplishment Award

Fowler, Joseph L.*

- 1967 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
AMERICAN PHYSICAL SOCIETY-Fellow

Fox, Richard J.

- 1970 NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION-Apollo Achievement Award

Fraas, Arthur P.

- 1967 AMERICAN SOCIETY OF MECHANICAL
ENGINEERS-Fellow
- 1976 UNION CARBIDE CORPORATION-Corporate
Fellow (Engineering)
- 1977 AMERICAN NUCLEAR SOCIETY-Fellow

Francis, Chester W.

- 1983 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Frederick, Edward J.

- 1983 UNITED STATES. DEPARTMENT OF ENERGY-
Certificate of Appreciation

Frye, John H., Jr.

- 1943 AMERICAN WELDING SOCIETY-James F. Lincoln
Gold Medal Award
- 1965 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
- 1970 AMERICAN SOCIETY FOR METALS-Fellow
- 1973 METALLURGICAL SOCIETY, AIME-Fellow

Fujimura, Robert K.

- 1981 JAPAN SOCIETY FOR THE PROMOTION OF
SCIENCE-Fellow

Fuller, Leonard C.

- 1980 NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION. LEWIS RESEARCH CENTER-
Certificate of Recognition

Furth, Jacob*

- 1947 AMERICAN MEDICAL ASSOCIATION-Certificate
of Merit for Research
- 1957 AMERICAN ASSOCIATION FOR CANCER
RESEARCH-President
- 1958 M.D. ANDERSON HOSPITAL AND TUMOR
INSTITUTE-Bertner Award
- 1959 AMERICAN ASSOCIATION OF PATHOLOGISTS-
President
- 1959 AMERICAN SOCIETY FOR EXPERIMENTAL
PATHOLOGY-President
- 1962 AMERICAN HUNGARIAN STUDIES
FOUNDATION-George Semmelweiss Medal
- 1967 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Rosenthal Award
NATIONAL ACADEMY OF SCIENCES-Membership

Gall, William R.

- 1966 AMERICAN SOCIETY OF MECHANICAL
ENGINEERS-Fellow
- 1972 AMERICAN SOCIETY OF MECHANICAL
ENGINEERS-J. Hall Taylor Medal

Galloway, Karen H.

- 1977 UNITED STATES. DEPARTMENT OF ENERGY-
Voyager Mission Citation
- 1984 UNITED STATES. DEPARTMENT OF ENERGY-
Voyager Mission Citation

Gambill, Wallace R.

- 1957 CHEMICAL ENGINEERING-Editorial Excellence
Award of Merit

Gardiner, Donald A.

- 1967 AMERICAN STATISTICAL ASSOCIATION-Fellow
- 1977 INTERNATIONAL STATISTICAL INSTITUTE-
Ordinary Member
- 1979 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Garten, Charles T., Jr.

- 1974 AMERICAN SOCIETY OF MAMMALOGISTS-
Award

Gauster, Wilhelm F.

- 1964 INSTITUTE OF ELECTRICAL AND
ELECTRONICS ENGINEERS-Fellow
- 1966 FEDERAL REPUBLIC OF AUSTRIA-Great Silver
Badge of Honor
- 1968 AUSTRIAN ACADEMY OF SCIENCE-Membership
AMERICAN PHYSICAL SOCIETY-Fellow

Genung, Richard K.

- 1977 RESEARCH AND DEVELOPMENT-IR-100 Award

Gibbons, John H.

- 1967 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
- 1968 AMERICAN PHYSICAL SOCIETY-Fellow
- 1974 UNITED STATES. DEPARTMENT OF ENERGY-
Distinguished Service Medal of the Federal Energy
Administration

- 1979 RANDOLPH-MACON COLLEGE. VIRGINIA-
Honorary Doctorate
- Glen, Herbert M.**
1966 AMERICAN SOCIETY OF CIVIL ENGINEERS-
Fellow
- Goans, Ronald E.**
1978 RESEARCH AND DEVELOPMENT-IR-100 Award
- Godbee, Herschel W.**
1983 UNITED STATES. DEPARTMENT OF ENERGY-
Certificate of Appreciation
- Goff, F. Glen**
AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
- Goldstein, Gerald**
1969 AMERICAN INSTITUTE OF CHEMISTS-Fellow
- Gomez del Campo, Jorge**
MEXICAN PHYSICAL SOCIETY-Fellow
- Good, Wilfred M.**
AMERICAN PHYSICAL SOCIETY-Fellow
- Goodman, Charles D.**
AMERICAN PHYSICAL SOCIETY-Fellow
- Goodwin, Gene M.**
1974 AMERICAN WELDING SOCIETY-William
Spraragen Award
1979 AMERICAN WELDING SOCIETY-McKay-Helm
Award
1980 AMERICAN WELDING SOCIETY-McKay-Helm
Award
1983 AMERICAN SOCIETY FOR METALS-Fellow

Gosslee, David G.

- 1976 AMERICAN STATISTICAL ASSOCIATION-Fellow
- 1977 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Gower, John C.

- 1958 AMERICAN SOCIETY FOR METALS-Francis F.
Lucas Metallographic Award

Graves, William O.

- 1977 UNITED STATES. DEPARTMENT OF ENERGY-
Voyager Mission Citation

Gray, Robert J.

- 1953 AMERICAN SOCIETY FOR METALS-Francis F.
Lucas Metallographic Award
- 1958 AMERICAN SOCIETY FOR METALS-Francis F.
Lucas Metallographic Award
- 1964 AMERICAN SOCIETY FOR METALS-Francis F.
Lucas Metallographic Award
- 1971 AMERICAN SOCIETY FOR METALS-Francis F.
Lucas Metallographic Award
- 1973 AMERICAN SOCIETY FOR METALS. CANADA-E.
Leitz Award
- 1974 AMERICAN SOCIETY FOR METALS-Fellow
- 1977 INTERNATIONAL METALLOGRAPHIC SOCIETY-
President (2 Years)
- 1978 UNITED STATES. DEPARTMENT OF ENERGY-
Certificate of Appreciation
- 1979 AMERICAN WELDING SOCIETY-McKay-Helm
Award
- 1981 INTERNATIONAL METALLOGRAPHIC SOCIETY-
Sorby Award
- 1983 INTERNATIONAL METALLOGRAPHIC SOCIETY-
President's Award
- 1984 AMERICAN SOCIETY FOR METALS-Albert
Sauveur Achievement Award
INTERNATIONAL METALLOGRAPHIC SOCIETY-
Fellow

Greene, David L.

- 1985 NATIONAL RESEARCH COUNCIL.
TRANSPORTATION RESEARCH BOARD-Pike
Johnson Award

Greenstreet, William L.

- 1981 AMERICAN SOCIETY OF MECHANICAL
ENGINEERS-Fellow

Grell, Ellsworth H.

- AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Grell, Rhoda F.

- 1978 HUNTER COLLEGE, NEW YORK-Hall of Fame for
Distinguished Achievement

Griesemer, Richard A.

- 1968 AMERICAN VETERINARY MEDICAL
ASSOCIATION-Gaines Award
1979 NATIONAL INSTITUTE OF HEALTH-Director's
Award

Griffith, William L.

- 1976 RESEARCH AND DEVELOPMENT-IR-100 Award

Griggs, Ernie P.

- 1958 AMERICAN SOCIETY FOR METALS-Francis F.
Lucas Metallographic Award

Grimes, Warren R.

- 1967 AMERICAN NUCLEAR SOCIETY-Special Awards-
Outstanding Contributions in the Field of Reactor
Chemistry
1971 AMERICAN NUCLEAR SOCIETY-Fellow
1980 AMERICAN NUCLEAR SOCIETY-Special Awards-
25th Anniversary Exceptional Service Award

Gross, Edward E.

1984 AMERICAN PHYSICAL SOCIETY-Fellow

Guberman, Herbert D.

AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Guest, Gareth E.

AMERICAN PHYSICAL SOCIETY-Fellow

Guth, Eugene

1965 SOCIETY OF RHEOLOGY-Eugene Cook Bingham
Medal

1982 FEDERAL REPUBLIC OF AUSTRIA-Honorary Cross
of Science and Arts

AMERICAN PHYSICAL SOCIETY-Fellow

Haas, Paul A.

1979 RESEARCH AND DEVELOPMENT-IR-100 Award

1984 AMERICAN INSTITUTE OF CHEMICAL
ENGINEERS-Fellow

Hagen, Edward W.

1979 INSTRUMENT SOCIETY OF AMERICA-Fellow

Hahn, Richard

1977 AMERICAN NUCLEAR SOCIETY-Radiation
Industry Award

Halbert, Edith C.

1972 AMERICAN PHYSICAL SOCIETY-Fellow

Halbert, Melvyn L.

AMERICAN PHYSICAL SOCIETY-Fellow

Halperin, Joseph

AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Hanauer, Stephen H.

1965 UNITED STATES. NUCLEAR REGULATORY
COMMISSION-Advisory Committee on Reactor
Safeguards (4 years)

Hancher, Charles W.

1979 RESEARCH AND DEVELOPMENT-IR-100 Award

Harasyn, Donald E.

1977 UNITED STATES. DEPARTMENT OF ENERGY-
Voyager Mission Citation

Harms, William O.

1976 AMERICAN SOCIETY FOR METALS. LOS
ANGELES CHAPTER-William O. Harms Award.
Name Honor

1977 AMERICAN SOCIETY FOR METALS-Fellow

1980 AMERICAN NUCLEAR SOCIETY-Fellow

1984 WAYNE STATE UNIVERSITY. COLLEGE OF
ENGINEERING-Distinguished Engineering Alumni
Achievement Award

Harrington, Francis E.

1979 RESEARCH AND DEVELOPMENT-IR-100 Award

Harris, Edward G.

AMERICAN PHYSICAL SOCIETY-Fellow

Hart, James C.*

1974 HEALTH PHYSICS SOCIETY-President

1975 HEALTH PHYSICS SOCIETY-Distinguished
Achievement Award

1975 HEALTH PHYSICS SOCIETY-Meritorious
Performance Award

Hartman, Frederick C.

1978 AMERICAN CHEMICAL SOCIETY-Pfizer Award in
Enzyme Chemistry

1981 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Harvey, John A.

1957 AMERICAN PHYSICAL SOCIETY-Fellow

Haselton, Halsey H.

1982 UNITED STATES. DEPARTMENT OF ENERGY-
Certificate of Appreciation

Haws, Claude C.

1979 RESEARCH AND DEVELOPMENT-IR-100 Award

Haywood, Frederick F.

1981 UNITED STATES. DEPARTMENT OF ENERGY-
Citation for Outstanding Contributions

Heath, Michael T.

1978 OAK RIDGE NATIONAL LABORATORY-Eugene P.
Wigner Fellowship

Heestand, Richard L.

1977 UNITED STATES. DEPARTMENT OF ENERGY-
Voyager Mission Citation

1984 UNITED STATES. DEPARTMENT OF ENERGY-
Voyager Mission Citation

Hendricks, Robert W.

1977 RESEARCH AND DEVELOPMENT-IR-100 Award

1978 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

1979 AMERICAN PHYSICAL SOCIETY-Fellow

Herbes, Stephen E.

1970 AMERICAN INSTITUTE OF CHEMISTS-Medal for
Outstanding Work in Chemistry

Herndon, Joseph N.

1984 RESEARCH AND DEVELOPMENT-IR-100 Award

Herskovitz, Meyer B.

1982 INSTRUMENT SOCIETY OF AMERICA-Fellow

Hess, Daniel

1969 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Higgins, Cecil E.

1971 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Hildebrand, Stephen G.

1969 MICHIGAN. UNIVERSITY-Fisheries Alumni
Memorial Award

Hingerty, Brian E.

1978 OAK RIDGE NATIONAL LABORATORY-Eugene P.
Wigner Fellowship

Hirsch, Gary P.

GERONTOLOGICAL SOCIETY-Fellow

Hirshman, Steven P.

1978 OAK RIDGE NATIONAL LABORATORY-Eugene P.
Wigner Fellowship

Hise, Eugene C., Jr.

1980 TENNESSEE SOCIETY OF PROFESSIONAL
ENGINEERS-Outstanding Engineering Award

1980 NATIONAL SOCIETY OF PROFESSIONAL
ENGINEERS-Outstanding Achievement Award

1981 RESEARCH AND DEVELOPMENT-IR-100 Award

Hobbs, Benjamin F.

1981 OAK RIDGE NATIONAL LABORATORY-Eugene P.
Wigner Fellowship

Hoffman, Herbert W.

1967 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Hogan, John T.

1982 AMERICAN PHYSICAL SOCIETY-Fellow

1982 UNITED STATES. DEPARTMENT OF ENERGY-
Certificate of Appreciation

Hollaender, Alexander

- 1938 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
- 1954 RADIATION RESEARCH SOCIETY-President
- 1957 NATIONAL ACADEMY OF SCIENCES-Membership
- 1957 AMERICAN ACADEMY OF MICROBIOLOGY-
Fellow
- 1959 VERMONT UNIVERSITY-Honorary Doctorate
- 1960 AMERICAN ACADEMY OF ARTS AND
SCIENCES-Fellow
- 1961 REPUBLIC OF ITALY-Order of Merit
- 1962 LEEDS UNIVERSITY, UNITED KINGDOM-
Honorary Doctorate
- 1962 INTERNATIONAL ASSOCIATION OF
RADIATION RESEARCH-President (4 Years)
- 1966 UNITED STATES. DEPARTMENT OF ENERGY-
Citation for Outstanding Contributions
- 1967 MARQUETTE UNIVERSITY, WISCONSIN-
Honorary Doctorate
- 1968 INTERNATIONAL CONGRESS OF
PHOTOBIOLOGY-Finsen Medal
- 1969 WISCONSIN UNIVERSITY-Honorary Doctorate
- 1969 ENVIRONMENTAL MUTAGEN SOCIETY-
President (3 Years)
- 1970 CHILE UNIVERSITY, SOUTH AMERICA-Honorary
Doctorate
- 1983 UNITED STATES. DEPARTMENT OF ENERGY-
Enrico Fermi Award

Holland, O. Wayne

- 1983 RESEARCH AND DEVELOPMENT-IR-100 Award

Holland, Reuben W.

INDUSTRIAL MEDICAL ASSOCIATION-Fellow

Holleman, James W.

- 1951 FULBRIGHT-HAYS AWARD-Fellowships
- 1952 FULBRIGHT-HAYS AWARD-Fellowships

Holman, Allen S.

- 1980 NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS-Outstanding Achievement Award
- 1981 RESEARCH AND DEVELOPMENT-IR-100 Award

Holmes, David K.

AMERICAN PHYSICAL SOCIETY-Fellow

Holway, Clayton F.*

- 1969 AMERICAN INSTITUTE OF CHEMISTS-Fellow
- AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE-Fellow

Horak, James A.

- 1979 AMERICAN NUCLEAR SOCIETY-Fellow
- 1979 RESEARCH AND DEVELOPMENT-IR-100 Award

Horen, Daniel J.

1976 AMERICAN PHYSICAL SOCIETY-Fellow

Horton, Arthur D.

1970 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Horton, Charles A.

- 1956 AMERICAN INSTITUTE OF CHEMISTS-Fellow
- 1964 AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE-Fellow

Horton, Joseph A.

- 1984 UNITED STATES. DEPARTMENT OF ENERGY. MATERIALS SCIENCE RESEARCH COMPETITION-Significant Implications for Energy Technology

Horton, Linda L.

- 1983 UNITED STATES. DEPARTMENT OF ENERGY. MATERIALS SCIENCE RESEARCH COMPETITION-Significant Implications for Energy Technology

Householder, Alston S.

- 1963 SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS-President
- 1965 TECHNISCHE UNIVERSITAT MUNCHEN, MUNICH, F.R.G.-Honorary Doctorate
- 1969 AMERICAN ACADEMY OF ARTS AND SCIENCES-Fellow
- 1969 AMERICAN FEDERATION OF INFORMATION PROCESSING SOCIETIES-Harry Goode Memorial Award
- AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE-Fellow

Howerton, William B.

- 1979 CHEMICAL ENGINEERING-Kirkpatrick Chemical Engineering Achievement Award

Hoy, Harry C.

- 1969 UNITED STATES. DEPARTMENT OF ENERGY-Certificate of Appreciation
- 1978 NATIONAL SAFETY COUNCIL-William H. Cameron Award
- 1979 NATIONAL SAFETY COUNCIL-William H. Cameron Award
- 1980 NATIONAL SAFETY COUNCIL-William H. Cameron Award

Hsie, Abraham W.

- 1977 JAPAN SOCIETY FOR THE PROMOTION OF SCIENCE-Fellow
- 1980 INDIANA. UNIVERSITY-Distinguished Alumni Service Award

Hu, Patricia S.

- 1985 NATIONAL RESEARCH COUNCIL. TRANSPORTATION RESEARCH BOARD-Pike Johnson Award

Hubbell, Harry H., Jr.

AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Huff, James E.

1975 AMERICAN FOUNDATION FOR
PHARMACEUTICAL EDUCATION-Fellow

Hulett, Lester D.

1968 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Hurst, Fred J., Jr.

1979 CHEMICAL ENGINEERING-Kirkpatrick Chemical
Engineering Achievement Award
1980 RESEARCH AND DEVELOPMENT-IR-100 Award

Hurst, G. Samuel

1970 AMERICAN PHYSICAL SOCIETY-Fellow
1973 RESEARCH AND DEVELOPMENT-IR-100 Award
1977 RESEARCH AND DEVELOPMENT-IR-100 Award
1979 UNION CARBIDE CORPORATION-Corporate
Fellow (Research)
1983 BEREA COLLEGE, KENTUCKY-Honorary Doctorate
1984 RESEARCH AND DEVELOPMENT-IR-100 Award

Hurt, Samuel S.

1982 TENNESSEE UNIVERSITY, CHATTANOOGA-
Distinguished Alumnus Award

Ice, Gene E.

1983 RESEARCH AND DEVELOPMENT-IR-100 Award

Inouye, Henry

1973 UNITED STATES. DEPARTMENT OF ENERGY-
Viking Mission Pin
1974 NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION-Pioneer/Jupiter Group
Achievement Award
1975 UNITED STATES. DEPARTMENT OF ENERGY-
Mariner/Jupiter Saturn Program Commendation

- 1977 AMERICAN SOCIETY FOR METALS-Fellow
1977 NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION-Pioneer XI Group Achievement
Award
1977 UNITED STATES. DEPARTMENT OF ENERGY-
Voyager Mission Citation
1979 RESEARCH AND DEVELOPMENT-IR-100 Award
1984 UNITED STATES. DEPARTMENT OF ENERGY-
Voyager Mission Citation

Isler, Ralph

- 1984 AMERICAN PHYSICAL SOCIETY-Fellow

Jacobs, Donald G.

- 1958 FULBRIGHT-HAYS AWARD-Fellowships

Jacobson, K. Bruce

- 1956 AMERICAN CANCER SOCIETY-Fellow

James, Ralph B.

- 1980 OAK RIDGE NATIONAL LABORATORY-Eugene P.
Wigner Fellowship

Job, George H.*

- 1976 INSTRUMENT SOCIETY OF AMERICA-
Distinguished Society Service Award

Johnson, Carroll K.

- 1977 AMERICAN CRYSTALLOGRAPHIC
ASSOCIATION-President

Johnson, Cleland H.

- 1961 AMERICAN PHYSICAL SOCIETY-Fellow

Johnson, Dale W.

- 1977 OAK RIDGE NATIONAL LABORATORY-Eugene P.
Wigner Fellowship

Johnson, Elijah

1977 OAK RIDGE NATIONAL LABORATORY-Eugene P. Wigner Fellowship

Johnson, Elizabeth B.

1975 AMERICAN NATIONAL STANDARDS INSTITUTE-Citation for Contributions

1982 AMERICAN NUCLEAR SOCIETY-Fellow

Johnson, James S., Jr.

1958 FULBRIGHT-HAYS AWARD-Fellowships

Johnson, Noah R.

1962 GUGGENHEIM FOUNDATION-Fellowships

1978 AMERICAN PHYSICAL SOCIETY-Fellow

Johnson, Wayne F.

1971 RESEARCH AND DEVELOPMENT-IR-100 Award

1977 RESEARCH AND DEVELOPMENT-IR-100 Award

Johnston, W. Wiley, Jr.

1977 AMERICAN SOCIETY FOR TESTING AND MATERIALS-Award of Merit

1977 AMERICAN SOCIETY FOR TESTING AND MATERIALS-Fellow

Jolley, Robert L.

1979 FRIENDS UNIVERSITY, KANSAS-Distinguished Alumni Award

Jones, Ernest V.

1955 BIRMINGHAM SOUTHERN COLLEGE, ALABAMA-Honorary Doctorate

Jones, Troyce D.

1980 HEALTH PHYSICS SOCIETY-Elda E. Anderson Memorial Award

Jordan, Walter H.

- 1960 AMERICAN NUCLEAR SOCIETY-Fellow
- 1980 AMERICAN NUCLEAR SOCIETY-Special Awards-
25th Anniversary Exceptional Service Award
AMERICAN PHYSICAL SOCIETY-Fellow

Kam, Frank

- 1980 AMERICAN SOCIETY FOR TESTING AND
MATERIALS-E-10 Award of Merit

Kappelmann, Frederick A.

- 1979 RESEARCH AND DEVELOPMENT-IR-100 Award

Kasten, Paul R.

- 1980 AMERICAN NUCLEAR SOCIETY-Fellow
AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Kastenbaum, Marvin A.

- 1965 AMERICAN STATISTICAL ASSOCIATION-Fellow
AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
ROYAL STATISTICAL SOCIETY, UNITED
KINGDOM-Fellow

Kawashima, Katsubiro

- 1977 AMERICAN SOCIETY FOR NONDESTRUCTIVE
TESTING-Achievement Award

Keim, Christopher P.

- 1957 NEBRASKA WESLEYAN UNIVERSITY-Alumni
Achievement Award
- 1972 NEBRASKA WESLEYAN UNIVERSITY-
Distinguished Alumnus Award
AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
AMERICAN PHYSICAL SOCIETY-Fellow

Keller, O. Lewin

1968 AMERICAN INSTITUTE OF CHEMISTS-Fellow

1981 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Kelley, George G.

AMERICAN PHYSICAL SOCIETY-Fellow

Kelley, Myron T.

1968 AMERICAN INSTITUTE OF CHEMISTS-Fellow

1974 AMERICAN CHEMICAL SOCIETY-Chemical
Instrumentation Award

Kelly, Minton

1970 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Kennedy, C. Raymond

1982 RESEARCH AND DEVELOPMENT-IR-100 Award

Kenney, Francis T.

1967 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

1969 MONTREAL. UNIVERSITY-Claude Bernard Medal

Kertesz, Francois

1944 NEW YORK ACADEMY OF SCIENCE-Fellow

Ketchen, Eugene E.

1978 AMERICAN ACADEMY OF INDUSTRIAL
HYGIENE-Fellow

Ketelle, Bruce H.

1965 HURON COLLEGE, SOUTH DAKOTA-Honorary
Doctorate

Kimball, Richard F.

1942 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

- 1957 GUGGENHEIM FOUNDATION-Fellowships
1978 UNION CARBIDE CORPORATION-Corporate
Fellow (Research)

King, James F.

- 1982 RESEARCH AND DEVELOPMENT-IR-100 Award

King, Roy T.

- 1974 AMERICAN WELDING SOCIETY-William
Spraragen Award

Kiplinger, Donald

- 1980 RESEARCH AND DEVELOPMENT-IR-100 Award

Kirby-Smith, John

- 1957 GUGGENHEIM FOUNDATION-Fellowships

Kirk, Bernadette L.

- 1970 FULBRIGHT-HAYS AWARD-Fellowships

Klabunde, Charles E.

- 1982 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Significant Implications for Energy
Technology

Knight, Rodney W.

- 1977 NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION-Pioneer XI Group Achievement
Award

Kobisk, Edward H.

- 1976 RESEARCH AND DEVELOPMENT-IR-100 Award
1979 INTERNATIONAL NUCLEAR TARGET
DEVELOPMENT SOCIETY-President

Koch, Carl C.

- 1979 AMERICAN PHYSICAL SOCIETY-Fellow
1980 UNITED STATES. DEPARTMENT OF ENERGY-
Metallurgy and Ceramics Award

- 1980 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
1983 RESEARCH AND DEVELOPMENT-IR-100 Award

Koehler, Wallace C.

- 1957 AMERICAN PHYSICAL SOCIETY-Fellow
1958 FULBRIGHT-HAYS AWARD-Fellowships
1958 GUGGENHEIM FOUNDATION-Fellowships
1979 GRENOBLE. UNIVERSITY, FRANCE-Honorary
Doctorate
1979 UNION CARBIDE CORPORATION-Corporate
Fellow (Research)
1983 RARE EARTH RESEARCH CONFERENCE, INC.-
Frank H. Spedding Award

Kolopus, James L.*

- 1970 NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION-Apollo Achievement Award

Kooistra, Lambert F.*

- 1967 AMERICAN SOCIETY OF MECHANICAL
ENGINEERS-Fellow

Kopp, Otto C.

- 1965 NOTRE DAME. UNIVERSITY, INDIANA-Centennial
of Science Award
1977 AMERICAN FEDERATION OF MINERALOGICAL
SOCIETIES-Distinguished Professor Award
GEOLOGICAL SOCIETY OF AMERICA-Fellow
MINERALOGICAL SOCIETY OF AMERICA-Fellow

Kramer, Steve L.

- 1984 RESEARCH AND DEVELOPMENT-IR-100 Award

Kraus, Kurt A.

- 1966 AMERICAN CHEMICAL SOCIETY-Chromatography
and Electrophoresis Award

Krause, Manfred O.

- 1975 ALEXANDER VON HUMBOLDT STIFTUNG.
BONN, F.R.G.-Alexander Von Humboldt Award

Kroeger, Donald M.

- 1980 UNITED STATES. DEPARTMENT OF ENERGY-
Metallurgy and Ceramics Award

Lackey, W.J.

- 1977 AMERICAN CERAMIC SOCIETY-Fellow
1979 RESEARCH AND DEVELOPMENT-IR-100 Award

Laing, William R.

- 1978 AMERICAN SOCIETY FOR TESTING AND
MATERIALS-Achievement Award
1982 AMERICAN SOCIETY FOR TESTING AND
MATERIALS-Award of Merit
1982 AMERICAN SOCIETY FOR TESTING AND
MATERIALS-Fellow
1984 AMERICAN SOCIETY FOR TESTING AND
MATERIALS-Award of Appreciation

Lakomy, Dale G.

- 1977 RESEARCH AND DEVELOPMENT-IR-100 Award

Lane, James A.*

- 1963 AMERICAN NUCLEAR SOCIETY-Fellow
1980 AMERICAN NUCLEAR SOCIETY-Special Awards-
25th Anniversary Exceptional Service Award

Larson, Bennett C.

- 1974 PITTSBURGH DIFFRACTION SOCIETY-Sidhu
Award

Larson, Clarence E.

- 1963 AMERICAN NUCLEAR SOCIETY-Fellow
1966 AMERICAN INSTITUTE OF INDUSTRIAL
ENGINEERS AND THE SOCIETY FOR
ADVANCEMENT OF MANAGEMENT-Outstanding
Contribution in Field of Management
1969 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Lazar, Norman H.

AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
AMERICAN PHYSICAL SOCIETY-Fellow

Leavell, Luther L.

1972 AMERICAN SOCIETY OF MECHANICAL
ENGINEERS-Service Award

Leddicotte, George W.*

1964 AMERICAN NUCLEAR SOCIETY-Special Awards-
Novel Applications of Atomic Energy

Lee, Douglas D.

1979 RESEARCH AND DEVELOPMENT-IR-100 Award

Lee, Eal-Hyung

1983 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Significant Implications for Energy
Technology

Leitnaker, James M.

1973 AMERICAN CERAMIC SOCIETY-Fellow

Leslie, Billy C.

1953 AMERICAN SOCIETY FOR METALS-Francis F.
Lucas Metallographic Award
1964 AMERICAN SOCIETY FOR METALS-Francis F.
Lucas Metallographic Award

Leuze, Rex E.

1971 AMERICAN INSTITUTE OF CHEMISTS-Fellow
1979 RESEARCH AND DEVELOPMENT-IR-100 Award

Levenson, Milton

1980 AMERICAN NUCLEAR SOCIETY-Special Awards-
25th Anniversary Exceptional Service Award

Levy, Henri A.

1965 AMERICAN CRYSTALLOGRAPHIC
ASSOCIATION-President

Lewis, Montaque B.

1983 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Significant Implications for Energy
Technology

Lietzke, Milton H.

1977 NEW YORK ACADEMY OF SCIENCE-Fellow

Lincoln, Thomas A.

AMERICAN COLLEGE OF PREVENTATIVE
MEDICINE-Fellow
INDUSTRIAL MEDICAL ASSOCIATION-Fellow

Lind, Samuel C.*

1930 NATIONAL ACADEMY OF SCIENCES-Membership
1940 AMERICAN CHEMICAL SOCIETY-President
1952 AMERICAN CHEMICAL SOCIETY-Priestly Medal
1963 NOTRE DAME. UNIVERSITY, INDIANA-Honorary
Doctorate
AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
AMERICAN PHYSICAL SOCIETY-Fellow

Lindemer, Terrence B.

1976 AMERICAN CERAMIC SOCIETY-Fellow
1983 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Significant Implications for Energy
Technology

Liu, Chain T.

1975 UNITED STATES. DEPARTMENT OF ENERGY-
Mariner/Jupiter Saturn Program Commendation

- 1977 NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION-Pioneer XI Group Achievement
Award
- 1977 UNITED STATES. DEPARTMENT OF ENERGY-
Voyager Mission Citation
- 1979 RESEARCH AND DEVELOPMENT-IR-100 Award
- 1980 INTERNATIONAL PRECIOUS METALS
INSTITUTE-Henry J. Albert Award
- 1982 INTERNATIONAL PRECIOUS METALS
INSTITUTE-Platinum Membership
- 1983 RESEARCH AND DEVELOPMENT-IR-100 Award
- 1984 UNITED STATES. DEPARTMENT OF ENERGY-
Voyager Mission Citation
- 1984 AMERICAN SOCIETY FOR METALS-Fellow
- 1984 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Significant Implications for Energy
Technology

Liverman, James L.

- 1966 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Livingston, Ralph

- 1960 FULBRIGHT-HAYS AWARD-Fellowships
- 1960 GUGGENHEIM FOUNDATION-Fellowships
- 1979 UNION CARBIDE CORPORATION-Corporate
Fellow (Research)

Livingston, Robert S.

- 1968 INSTITUTE OF ELECTRICAL AND
ELECTRONICS ENGINEERS-Fellow
- 1971 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
AMERICAN PHYSICAL SOCIETY-Fellow

Lloyd, Milton, H.

- 1979 RESEARCH AND DEVELOPMENT-IR-100 Award

Long, Ernest L., Jr.

1979 RESEARCH AND DEVELOPMENT-IR-100 Award

Long, Hugh M.

1949 RHODES TRUST. UNITED KINGDOM-Scholarship

1978 AUBURN UNIVERSITY. ALUMNI ENGINEERING
COUNCIL-Ben S. Gilmer Award

Long, Justin T.

1969 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Longworth, James W.

1978 AMERICAN SOCIETY FOR PHOTOBIOLOGY-
President

Lotts, Adolphus L.

1976 UNITED STATES. DEPARTMENT OF ENERGY-
Ernest O. Lawrence Memorial Award

1977 AMERICAN NUCLEAR SOCIETY-Fellow

1979 RESEARCH AND DEVELOPMENT-IR-100 Award

Lu, Po-Yung

1984 NATIONAL SAFETY COUNCIL-William H. Cameron
Award

Lundin, Myrin I.

1984 AMERICAN SOCIETY OF MECHANICAL
ENGINEERS-Fellow

Lundy, Ted S.

1972 TENNESSEE. UNIVERSITY, KNOXVILLE-
Outstanding Engineering Alumnus Award

Lyon, James F.

1982 UNITED STATES. DEPARTMENT OF ENERGY-
Certificate of Appreciation

Lyon, Richard N.*

AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Lyon, William S., Jr.

- 1980 AMERICAN NUCLEAR SOCIETY-Radiation
Industry Award
- 1981 JOURNAL OF RADIOANALYTICAL CHEMISTRY-
George Hevesy Medal
- 1983 AMERICAN NUCLEAR SOCIETY-Fellow
- 1983 AMERICAN SOCIETY FOR TESTING AND
MATERIALS-E-10 Honorary Member Award

Mack, James E.

- 1979 RESEARCH AND DEVELOPMENT-IR-100 Award

Macklin, Richard L.

- 1968 AMERICAN PHYSICAL SOCIETY-Fellow

MacPherson, Herbert G.

- 1967 AMERICAN NUCLEAR SOCIETY-Fellow
- 1978 NATIONAL ACADEMY OF ENGINEERING-
Membership
- AMERICAN PHYSICAL SOCIETY-Fellow

Maddigan, Ruth J.

- 1979 OAK RIDGE NATIONAL LABORATORY-Eugene P.
Wigner Fellowship

Maienschein, Fred C.

- 1971 AMERICAN NUCLEAR SOCIETY-Fellow

Malinauskas, Anthony P.

- 1981 AMERICAN NUCLEAR SOCIETY-Special Awards-
Advancements in Nuclear Technology

Manly, William D.

- 1963 AMERICAN NUCLEAR SOCIETY-Fellow
- 1963 UNITED STATES. NUCLEAR REGULATORY
COMMISSION-Advisory Committee on Reactor
Safeguards (1 1/2 Years)

- 1970 AMERICAN SOCIETY FOR METALS-Fellow
- 1972 METALLURGICAL SOCIETY, AIME-Fellow
- 1973 AMERICAN SOCIETY FOR METALS-President
- 1974 NATIONAL ACADEMY OF ENGINEERING-Membership
- 1983 TENNESSEE. UNIVERSITY, KNOXVILLE-N.W. Dougherty Award in Engineering

Mann, Marvin M.

- AMERICAN PHYSICAL SOCIETY-Fellow

Manning, Delmer L.

- 1970 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Mansur, Louis K.

- 1983 UNITED STATES. DEPARTMENT OF ENERGY. MATERIALS SCIENCE RESEARCH COMPETITION-Significant Implications for Energy Technology
- 1984 AMERICAN NUCLEAR SOCIETY-Fellow

Marshall, William L.

- 1956 GUGGENHEIM FOUNDATION-Fellowships
- 1977 AMERICAN CHEMICAL SOCIETY. GEORGIA SECTION.-Charles Holmes Herty Award

Martin, H. Lee

- 1984 RESEARCH AND DEVELOPMENT-IR-100 Award

Martin, John A.

- 1976 INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS-Fellow
- 1977 NUCLEAR AND PLASMA SCIENCES SOCIETY, IEEE-Merit Award

Martin, William R.

- 1976 AMERICAN SOCIETY FOR METALS-Fellow

Masker, Warren E.

- 1981 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Maskewitz, Betty F.

- 1975 AMERICAN NUCLEAR SOCIETY-Special Service
Award-Outstanding Service in the Field of Shielding and
Dosimetry
1980 AMERICAN NUCLEAR SOCIETY-Special Awards-
25th Anniversary Exceptional Service Award
1982 AMERICAN NUCLEAR SOCIETY-Fellow

Mazur, Peter

- 1962 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
1973 SOCIETY FOR CRYOBIOLOGY-President

McClung, Robert W.

- 1962 AMERICAN SOCIETY FOR NONDESTRUCTIVE
TESTING-Coolidge Award
1970 AMERICAN SOCIETY FOR NONDESTRUCTIVE
TESTING-President
1973 AMERICAN SOCIETY FOR NONDESTRUCTIVE
TESTING-Fellow
1974 AMERICAN SOCIETY FOR NONDESTRUCTIVE
TESTING-Horace W. Lester Honor Lecture
1976 AMERICAN SOCIETY FOR TESTING AND
MATERIALS-Award of Appreciation
1977 AMERICAN SOCIETY FOR NONDESTRUCTIVE
TESTING-Achievement Award
1978 AMERICAN SOCIETY FOR TESTING AND
MATERIALS-E-7 Honorary Member Award
1980 TENNESSEE. UNIVERSITY, KNOXVILLE-
Outstanding Engineering Alumnus Award
1980 AMERICAN SOCIETY FOR TESTING AND
MATERIALS-Fellow
1980 AMERICAN SOCIETY FOR TESTING AND
MATERIALS-Award of Merit
1981 AMERICAN SOCIETY FOR METALS-Fellow

- McDonald, Robert E.**
1982 RESEARCH AND DEVELOPMENT-IR-100 Award
- McDowell, William J.**
1981 RESEARCH AND DEVELOPMENT-IR-100 Award
- McDuffie, H. Fritz**
AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
- McElroy, David L.**
1971 INTERNATIONAL THERMAL CONDUCTIVITY
CONFERENCE-Conference Award
1971 INTERNATIONAL THERMAL CONDUCTIVITY
CONFERENCE-Outstanding Contribution Award
1977 AMERICAN SOCIETY FOR METALS-Fellow
- McGowan, Francis K.**
AMERICAN PHYSICAL SOCIETY-Fellow
- McGrory, Joseph B.**
1974 AMERICAN PHYSICAL SOCIETY-Fellow
- McHargue, Carl J.**
1972 AMERICAN SOCIETY FOR METALS-Fellow
1978 METALLURGICAL SOCIETY, AIME-Fellow
1982 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Significant Implications for Energy
Technology
- McKay, Vern A.***
1970 NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION-Apollo Achievement Award
- McNabb, Bennie, Jr.**
1983 AMERICAN SOCIETY FOR METALS-Engineering
Associate Achievement Award

McNally, J. Rand, Jr.

1959 OPTICAL SOCIETY OF AMERICA-Fellow
AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Meem, J. Lawrence, Jr.

1980 AMERICAN NUCLEAR SOCIETY-Special Awards-
25th Anniversary Exceptional Service Award

Melton, Charles E.

1967 EMORY AND HENRY COLLEGE. VIRGINIA.-
Honorary Doctorate

Merkle, John G.

1984 AMERICAN SOCIETY FOR TESTING AND
MATERIALS-George R. Irwin Medal

Meyer, Robert E.

1960 ELECTROCHEMICAL SOCIETY-Turner Memorial
Award

Miller, Edward C.*

1967 AMERICAN WELDING SOCIETY-President
1968 AMERICAN WELDING SOCIETY-Samuel Wylie
Miller Memorial Medal Award

Miller, George N.

1982 RESEARCH AND DEVELOPMENT-IR-100 Award

Miller, John C.

1983 RESEARCH AND DEVELOPMENT-IR-100 Award

Miller, Philip D., Jr.

1968 AMERICAN PHYSICAL SOCIETY-Fellow

Milora, Stanley L.

1984 AMERICAN PHYSICAL SOCIETY-Fellow
1984 AMERICAN NUCLEAR SOCIETY-Special Awards-
Outstanding Technical Accomplishment Award

Mioduszewski, Peter K.

- 1985 UNITED STATES. DEPARTMENT OF ENERGY-
Certificate of Appreciation

Mitchell, Toby J.

- 1978 AMERICAN STATISTICAL ASSOCIATION AND
THE BIOMETRIC SOCIETY-George W. Snedecor
Memorial Award
1979 AMERICAN STATISTICAL ASSOCIATION-Fellow

Moak, Charles D.

- 1957 AMERICAN PHYSICAL SOCIETY-Fellow
1982 WITWATERSRAND. UNIVERSITY,
JOHANNESBURG, SOUTH AFRICA-Honorary
Doctorate

Mook, Herbert A., Jr.

- 1979 AMERICAN PHYSICAL SOCIETY-Fellow
1982 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Outstanding Scientific Accomplishment
1984 RESEARCH AND DEVELOPMENT-IR-100 Award

Moon, Ralph M., Jr.

- 1973 AMERICAN PHYSICAL SOCIETY-Fellow

Moore, J. Peyton

- 1979 INTERNATIONAL THERMAL CONDUCTIVITY
CONFERENCE-Outstanding Contribution Award

Moore, Samuel E.

- 1984 AMERICAN SOCIETY OF MECHANICAL
ENGINEERS-Certificate of Award for Services to the
Boiler and Pressure Vessel Code

Moorhead, Arthur J.

- 1981 AMERICAN WELDING SOCIETY-A.F. Davis Silver
Medal Award
1982 RESEARCH AND DEVELOPMENT-IR-100 Award

Morgan, Chester S.

1982 RESEARCH AND DEVELOPMENT-IR-100 Award

Morgan, Henry W.

1966 FISK UNIVERSITY, TENNESSEE-Honorary
Doctorate

Morgan, Karl Z.

1938 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

1956 HEALTH PHYSICS SOCIETY-President

1960 AMERICAN NUCLEAR SOCIETY-Fellow

1962 ROYAL SWEDISH ACADEMY OF SCIENCES-
Radiation Protection Medal

1964 LENOIR RHYNE COLLEGE, NORTH CAROLINA-
Distinguished Alumnus Award

1966 INTERNATIONAL RADIATION PROTECTION
ASSOCIATION-President

1967 LENOIR RHYNE COLLEGE, NORTH CAROLINA-
Honorary Doctorate

1970 INTERNATIONAL RADIATION PROTECTION
ASSOCIATION-President Emeritus Plaque
AMERICAN COLLEGE OF RADIOLOGY-Associate
Fellow

AMERICAN PHYSICAL SOCIETY-Fellow

Morgan, O. Bill, Jr.

1979 AMERICAN PHYSICAL SOCIETY-Fellow

Morton, Roy J.*

1957 AMERICAN PUBLIC HEALTH ASSOCIATION-
President

1958 ROYAL SOCIETY OF HEALTH, UNITED
KINGDOM-Fellow

AMERICAN PUBLIC HEALTH ASSOCIATION-Life
Fellow

Moyers, John C.

1980 TENNESSEE SOCIETY OF PROFESSIONAL
ENGINEERS-Outstanding Engineering Award

Mrochek, John E.

- 1977 RESEARCH AND DEVELOPMENT-IR-100 Award
- 1980 RESEARCH AND DEVELOPMENT-IR-100 Award

Murakami, Masanori

- 1979 AMERICAN PHYSICAL SOCIETY-Fellow

Mynatt, Fred R.

- 1978 AMERICAN NUCLEAR SOCIETY-Fellow
- 1982 UNITED STATES. DEPARTMENT OF ENERGY-
Ernest O. Lawrence Memorial Award

Narayan, Jagdish

- 1979 RESEARCH AND DEVELOPMENT-IR-100 Award
- 1981 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Outstanding Sustained Research in
Solid State Physics
- 1982 RESEARCH AND DEVELOPMENT-IR-100 Award
- 1983 AMERICAN PHYSICAL SOCIETY-Fellow
- 1983 RESEARCH AND DEVELOPMENT-IR-100 Award
- 1984 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Nayfeh, Munir H.

- 1977 RESEARCH AND DEVELOPMENT-IR-100 Award

Neill, Frank H.

- 1980 AMERICAN SOCIETY OF MECHANICAL
ENGINEERS-Centennial Medal

Nelson, Daniel J.*

- 1965 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Newbold, J. Denis

- 1977 OAK RIDGE NATIONAL LABORATORY-Eugene P.
Wigner Fellowship

Nicklow, Robert M.

- 1968 PITTSBURGH DIFFRACTION SOCIETY-Sidhu Award
- 1976 AMERICAN PHYSICAL SOCIETY-Fellow

Niyogi, Salil K.

- 1981 AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE-Fellow

Noggle, Thomas S.

- 1982 AMERICAN PHYSICAL SOCIETY-Fellow

Noid, Donald W.

- 1977 OAK RIDGE NATIONAL LABORATORY-Eugene P. Wigner Fellowship

Norman, Roy E.

- 1979 RESEARCH AND DEVELOPMENT-IR-100 Award

North, Edward D.

- 1980 AMERICAN INSTITUTE OF CHEMICAL ENGINEERS-Fellow

Northcut, K. Joseph

- 1970 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION-Apollo Achievement Award

Notz, Karl J.

- 1979 RESEARCH AND DEVELOPMENT-IR-100 Award

Novelli, G. David*

- 1952 AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE-Fellow
- 1979 L'ACCADEMIA MEDICA LOMBARDA. ITALY-Honorary Membership

Nugent, Leonard, Jr.

- 1972 AMERICAN PHYSICAL SOCIETY-Fellow

O'Kelley, G. Davis

- 1970 NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION-Apollo Achievement Award
- 1973 NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION-Apollo Group Achievement
Award
- 1976 AMERICAN PHYSICAL SOCIETY-Fellow

O'Neill, Robert V.

- 1983 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Oakberg, Eugene F.

- 1955 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Oakes, Lester C.

- 1982 INSTITUTE OF ELECTRICAL AND
ELECTRONICS ENGINEERS-Fellow
- 1984 TENNESSEE UNIVERSITY, KNOXVILLE-
Outstanding Engineering Alumnus Award

Obenshain, Felix E., Jr.

- 1969 AMERICAN PHYSICAL SOCIETY-Fellow

Olins, Donald E.

- 1978 ALEXANDER VON HUMBOLDT STIFTUNG.
BONN, F.R.G.-Alexander Von Humboldt Award

Oliphant, George W.

- 1983 TENNESSEE WESLEYAN COLLEGE-Distinguished
Alumnus Award

Olson, Jerry S.

- 1958 ECOLOGICAL SOCIETY OF AMERICA-George
Mercer Award
- 1961 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

- 1962 GUGGENHEIM FOUNDATION-Fellowships
1974 UNITED STATES. DEPARTMENT OF ENERGY-
Special Achievement Certificate

Otaduy, Pedro J.

- 1981 OAK RIDGE NATIONAL LABORATORY-Eugene P.
Wigner Fellowship

Overholser, Lyle G.

- 1968 AMERICAN INSTITUTE OF CHEMISTS-Fellow
AMERICAN PHYSICAL SOCIETY-Fellow

Packan, Nicholas H.

- 1983 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Significant Implications for Energy
Technology

Painter, Gayle S.

- 1978 AMERICAN PHYSICAL SOCIETY-Fellow

Pal, Bimal C.

- CHEMICAL SOCIETY OF LONDON-Fellow

Palko, Aloysius A.

- 1983 RESEARCH AND DEVELOPMENT-IR-100 Award

Papaconstantinou, John

- 1964 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Newcomb Cleveland
Prize
1975 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Parker, Dean R.

- AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Parkinson, William W., Jr.

1969 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Pasto, Arvid E.

1979 RESEARCH AND DEVELOPMENT-IR-100 Award

Patriarca, Peter

1970 AMERICAN WELDING SOCIETY-National
Meritorious Certificate Award

1973 AMERICAN SOCIETY FOR METALS-Fellow

1976 AMERICAN WELDING SOCIETY-Comfort A.
Adams Lecture

1977 AMERICAN WELDING SOCIETY-Honorary
Membership Award

1982 RESEARCH AND DEVELOPMENT-IR-100 Award

Payne, Marvin G.

1977 RESEARCH AND DEVELOPMENT-IR-100 Award

Pearlstein, Robert M.

1982 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Peelle, Robert W.

1978 AMERICAN NUCLEAR SOCIETY-Fellow

Peng, YK Martin

1982 UNITED STATES. DEPARTMENT OF ENERGY-
Certificate of Appreciation

Perey, Francis G.

1969 AMERICAN PHYSICAL SOCIETY-Fellow

1979 UNION CARBIDE CORPORATION-Corporate
Fellow (Research)

Perez, Rafael B.

1978 AMERICAN NUCLEAR SOCIETY-Fellow

Perkins, Eugene H.

1967 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Perry, Alfred M.

1964 AMERICAN NUCLEAR SOCIETY-Fellow

Peterson, Bruce E.

1985 ASSOCIATION OF AMERICAN GEOGRAPHERS-
Outstanding Achievement Award

Phillips, Richard G.

1980 RESEARCH AND DEVELOPMENT-IR-100 Award

Phillips, Ronald C.

1984 RESEARCH AND DEVELOPMENT-IR-100 Award

Pierce, Jane C.

1967 FULBRIGHT-HAYS AWARD-Fellowships

Pinajian, John J.

1963 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

1969 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Pitt, W. Wilson, Jr.

1971 RESEARCH AND DEVELOPMENT-IR-100 Award

1980 RESEARCH AND DEVELOPMENT-IR-100 Award

Plasil, Franz

1981 AMERICAN PHYSICAL SOCIETY-Fellow

1985 ALEXANDER VON HUMBOLDT STIFTUNG.
BONN, F.R.G.-Alexander Von Humboldt Award

Porter, Walter E.

AMERICAN ACADEMY OF INDUSTRIAL
HYGIENE-Fellow

Posey, Franz A.

- 1968 AMERICAN INSTITUTE OF CHEMISTS-Fellow
- 1983 RESEARCH AND DEVELOPMENT-IR-100 Award

Postma, Herman

- 1968 AMERICAN PHYSICAL SOCIETY-Fellow
- 1980 AMERICAN NUCLEAR SOCIETY-Fellow
- AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Quinby, Thomas C.

- 1976 RESEARCH AND DEVELOPMENT-IR-100 Award

Quist, Arvin S.

- 1981 DANA COLLEGE. NEBRASKA-Distinguished
Alumnus Award

Raaen, Helen P.

- 1964 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Rainey, William T., Jr.

- 1973 UNITED STATES. DEPARTMENT OF ENERGY-
Viking Mission Pin

Raman, Subramanian

- 1977 AMERICAN PHYSICAL SOCIETY-Fellow

Ramsey, J. Michael

- 1979 OAK RIDGE NATIONAL LABORATORY-Eugene P.
Wigner Fellowship

Raridon, Richard J.

- 1968 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
- 1976 NATIONAL ASSOCIATION OF ACADEMIES OF
SCIENCE-Distinguished Service Award
- 1976 NATIONAL ASSOCIATION OF ACADEMIES OF
SCIENCE-President

Reed, Robert W.

- 1981 AMERICAN WELDING SOCIETY-A.F. Davis Silver Medal Award

Regan, James D.

- 1978 JAPAN SOCIETY FOR THE PROMOTION OF SCIENCE-Fellow
1980 NATIONAL CANCER INSTITUTE OF JAPAN-Medal
1980 TOKAI UNIVERSITY. JAPAN-Medal
1984 JAPAN. SCIENCE AND TECHNOLOGY AGENCY-Japanese Government Research Award for Foreign Specialists

Reichle, David E.

- 1960 DANFORTH FOUNDATION-Fellow
1968 AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE-Fellow
1975 INTERNATIONAL BIOLOGICAL PROGRAM-Certificate of Recognition
1976 INTERNATIONAL UNION OF FOREST RESEARCH ORGANIZATIONS-Scientific Achievement Award

Reinhardt, Paul W.

- 1975 LENOIR RHYNE COLLEGE, NORTH CAROLINA-Distinguished Service Citation

Remenyik, Carl J.

- 1977 RESEARCH AND DEVELOPMENT-IR-100 Award

Reynolds, Samuel A.

- 1969 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Ricci, Enzo

- 1977 AMERICAN NUCLEAR SOCIETY-Radiation Industry Award
1982 AMERICAN NUCLEAR SOCIETY-Fellow

Richmond, Chester R.

- 1966 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
- 1970 UNITED STATES. DEPARTMENT OF ENERGY-
Special Achievement Certificate
- 1974 UNITED STATES. DEPARTMENT OF ENERGY-
Ernest O. Lawrence Memorial Award
- 1975 UNITED STATES. DEPARTMENT OF ENERGY-
Certificate of Appreciation
- 1976 RADIATION RESEARCH SOCIETY-Failla Memorial
Lecturer

Ritchie, Rufus H.

- 1968 AMERICAN PHYSICAL SOCIETY-Fellow
- 1979 UNION CARBIDE CORPORATION-Corporate
Fellow (Research)
- 1984 AMERICAN PHYSICAL SOCIETY.
SOUTHEASTERN SECTION-Jesse W. Beams Award

Robbins, G. Daniel

- 1966 FULBRIGHT-HAYS AWARD-Fellowships

Roberts, Louis D.

- 1958 FULBRIGHT-HAYS AWARD-Fellowships
AMERICAN PHYSICAL SOCIETY-Fellow

Roberts, Michael J.

- 1982 INSTITUTE OF ELECTRICAL AND
ELECTRONICS ENGINEERS-Senior Member

Robertson, Roy C.

- 1965 AMERICAN SOCIETY OF MECHANICAL
ENGINEERS-Fellow
- 1980 AMERICAN SOCIETY OF MECHANICAL
ENGINEERS-Centennial Medal

Robinson, Mark T.

- 1968 AMERICAN PHYSICAL SOCIETY-Fellow

- Robinson, Russell L.**
AMERICAN PHYSICAL SOCIETY-Fellow
- Rogers, S. Calvin**
1982 RESEARCH AND DEVELOPMENT-IR-100 Award
- Rogers, Stanfield**
AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
- Rome, James A.**
1982 AMERICAN PHYSICAL SOCIETY-Fellow
- Rose, David J.**
1962 AMERICAN ACADEMY OF ARTS AND
SCIENCES-Fellow
1975 AMERICAN NUCLEAR SOCIETY-Arthur Holly
Compton Award
AMERICAN PHYSICAL SOCIETY-Fellow
- Rose, Morris E.***
AMERICAN PHYSICAL SOCIETY-Fellow
- Roseberry, Ronald T.**
1970 NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION-Apollo Achievement Award
1982 RESEARCH AND DEVELOPMENT-IR-100 Award
- Rosen, Philip**
1957 AMERICAN PHYSICAL SOCIETY-Fellow
- Rosenthal, Murray W.**
1977 AMERICAN NUCLEAR SOCIETY-Fellow
1982 LOUISIANA STATE UNIVERSITY-Engineering Hall
of Distinction
- Ross, Harley H.**
1967 RESEARCH AND DEVELOPMENT-IR-100 Award

Rudolph, Philip S.

- 1969 AMERICAN INSTITUTE OF CHEMISTS-Fellow
- AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Ruley, Henry B.

- AMERICAN COLLEGE OF SURGEONS-Fellow

Rupp, Arthur F.

- 1964 AMERICAN NUCLEAR SOCIETY-Fellow
- 1968 AMERICAN INSTITUTE OF CHEMISTS-Fellow
- 1973 AMERICAN NUCLEAR SOCIETY-Radiation
Industry Award
- 1980 AMERICAN NUCLEAR SOCIETY-Special Awards-
25th Anniversary Exceptional Service Award

Russell, Liane B.

- 1963 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
- 1973 REMSCHEID. CITY, F.R.G.-Roentgen Medal
- 1979 HUNTER COLLEGE, NEW YORK-Hall of Fame for
Distinguished Achievement
- 1983 UNION CARBIDE CORPORATION-Corporate
Fellow Research
- 1984 ENVIRONMENTAL MUTAGEN SOCIETY-President

Russell, William L.

- 1965 GENETICS SOCIETY OF AMERICA-President
- 1973 NATIONAL ACADEMY OF SCIENCES-Membership
- 1973 REMSCHEID. CITY, F.R.G.-Roentgen Medal
- 1976 HEALTH PHYSICS SOCIETY-Distinguished
Achievement Award
- 1976 UNION CARBIDE CORPORATION-Senior Research
Fellow
- 1976 UNITED STATES. DEPARTMENT OF ENERGY-
Enrico Fermi Award

Ryon, Allen D.

- 1979 CHEMICAL ENGINEERING-Kirkpatrick Chemical Engineering Achievement Award
- 1979 RESEARCH AND DEVELOPMENT-IR-100 Award

Sales, Brian C.

- 1984 UNITED STATES. DEPARTMENT OF ENERGY. MATERIALS SCIENCE RESEARCH COMPETITION-Significant Implications for Energy Technology

Santoro, Robert T.

- 1984 AMERICAN NUCLEAR SOCIETY-Fellow

Sartory, Walter K.

- 1977 RESEARCH AND DEVELOPMENT-IR-100 Award

Satchler, G. Raymond

- 1961 AMERICAN PHYSICAL SOCIETY-Fellow
- 1976 UNION CARBIDE CORPORATION-Corporate Fellow (Research)
- 1977 AMERICAN PHYSICAL SOCIETY-Tom W. Bonner Prize in Nuclear Physics

Satterlee, Paul E.

- 1984 RESEARCH AND DEVELOPMENT-IR-100 Award

Savolainen, Ann W.

- 1980 AMERICAN NUCLEAR SOCIETY-Special Awards-25th Anniversary Exceptional Service Award

Savolainen, Jouko E.

- 1967 AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE-Fellow
- 1968 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Scatchard, George R.*

- 1954 AMERICAN CHEMICAL SOCIETY-Theodore W. Richards Medal
- 1962 AMERICAN CHEMICAL SOCIETY-Colloid or Surface Chemistry Award

Schaffhauser, Anthony C.

- 1975 UNITED STATES. DEPARTMENT OF ENERGY-
Mariner/Jupiter Saturn Program Commendation
- 1977 NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION-Pioneer XI Group Achievement
Award
- 1977 UNITED STATES. DEPARTMENT OF ENERGY-
Voyager Mission Citation
- 1979 AMERICAN SOCIETY FOR METALS-Fellow
- 1979 RESEARCH AND DEVELOPMENT-IR-100 Award
- 1984 UNITED STATES. DEPARTMENT OF ENERGY-
Voyager Mission Citation

Schulze, Gerald K.

- 1980 RESEARCH AND DEVELOPMENT-IR-100 Award
- 1984 RESEARCH AND DEVELOPMENT-IR-100 Award

Schuresko, Daniel D.

- 1980 RESEARCH AND DEVELOPMENT-IR-100 Award

Scott, Charles D.

- 1971 RESEARCH AND DEVELOPMENT-IR-100 Award
- 1975 TENNESSEE. UNIVERSITY, KNOXVILLE-
Outstanding Engineering Alumnus Award
- 1977 RESEARCH AND DEVELOPMENT-IR-100 Award
- 1978 RESEARCH AND DEVELOPMENT-IR-100 Award
- 1979 AMERICAN INSTITUTE OF CHEMICAL
ENGINEERS-Fellow
- 1979 RESEARCH AND DEVELOPMENT-IR-100 Award
- 1980 UNITED STATES. DEPARTMENT OF ENERGY-
Ernest O. Lawrence Memorial Award
- 1980 AMERICAN INSTITUTE OF CHEMICAL
ENGINEERS-Fellow
- 1980 AMERICAN ASSOCIATION FOR CLINICAL
CHEMISTRY-Outstanding Contribution Award
- 1983 UNION CARBIDE CORPORATION-Corporate
Fellow (Research)

Scott, James L.

- 1977 AMERICAN NUCLEAR SOCIETY-Fellow
- 1980 AMERICAN NUCLEAR SOCIETY-Special Awards-
25th Anniversary Exceptional Service Award
- 1980 AMERICAN SOCIETY FOR METALS-Fellow

Scott, Steven D.

- 1982 OAK RIDGE NATIONAL LABORATORY-Eugene P.
Wigner Fellowship

Secoy, Charles H.

- 1964 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Selby, Paul B.

- 1977 WESTMAR COLLEGE, IOWA-Distinguished Alumnus
Award
- 1982 UNITED STATES. DEPARTMENT OF ENERGY-
Ernest O. Lawrence Memorial Award

Sellin, Ivan A.

- 1973 AMERICAN PHYSICAL SOCIETY-Fellow
- 1976 TENNESSEE. UNIVERSITY, KNOXVILLE-
Chancellor's Research Scholar Award
- 1977 ALEXANDER VON HUMBOLDT STIFTUNG.
BONN, F.R.G.-Alexander Von Humboldt Award
- 1977 FULBRIGHT-HAYS AWARD-Fellowships
- 1983 TENNESSEE. UNIVERSITY, KNOXVILLE-
Distinguished Service Professor
- 1983 AMERICAN PHYSICAL SOCIETY.
SOUTHEASTERN SECTION-Jesse W. Beams Award

Serrano, Louis J.

- 1975 UNITED STATES. DEPARTMENT OF HEALTH
AND HUMAN SERVICES. FOOD AND DRUG
ADMINISTRATION-Certificate of Appreciation

Setlow, Richard B.

- 1973 NATIONAL ACADEMY OF SCIENCES-Membership
- 1973 RADIATION RESEARCH SOCIETY-Failla Memorial Lecturer

Shank, Kenneth E.

- 1976 PURDUE UNIVERSITY, INDIANA-Glenn L. Jenkins Award for Excellence in Research

Shannon, Thomas E.

- 1982 UNITED STATES. DEPARTMENT OF ENERGY-Certificate of Appreciation

Sheffield, John

- 1982 AMERICAN PHYSICAL SOCIETY-Fellow
- 1982 UNITED STATES. DEPARTMENT OF ENERGY-Certificate of Appreciation

Sheldon, Andrew L.

- AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE-Fellow

Shepard, Robert L.

- 1984 AMERICAN SOCIETY FOR TESTING AND MATERIALS-Award of Merit

Shugart, Herman H., Jr.

- 1983 AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE-Fellow

Shugart, Lee R.

- 1971 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Shull, Clifford

- 1956 AMERICAN PHYSICAL SOCIETY-Oliver E. Buckley Solid State Physics Prize

Sibley, William A.

- 1968 AMERICAN PHYSICAL SOCIETY-Fellow

Sigmar, Dieter J.

1979 AMERICAN PHYSICAL SOCIETY-Fellow

Sikka, Vinod K.

1982 RESEARCH AND DEVELOPMENT-IR-100 Award

Simon, Albert

1956 AMERICAN PHYSICAL SOCIETY-Fellow

Sisson, Warren G.

1978 RESEARCH AND DEVELOPMENT-IR-100 Award

Skinner, Dorothy M.

1981 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Slade, Edward C.

1980 INTERNATIONAL EXHIBITION OF INVENTIONS
AND NEW TECHNIQUES (9TH)-Silver Medal

Slaughter, Gerald M.

1965 AMERICAN WELDING SOCIETY-Distinguished
Meritorious Certificate

1970 AMERICAN SOCIETY FOR METALS-Award of
Merit

1976 AMERICAN SOCIETY FOR METALS-Fellow

1977 AMERICAN WELDING SOCIETY-Dedicated Service
Award

1978 AMERICAN WELDING SOCIETY-Rene D.
Wasserman Award

1978 UNITED STATES. DEPARTMENT OF ENERGY-
Certificate of Appreciation

1979 AMERICAN WELDING SOCIETY-Comfort A.
Adams Lecture

1979 AMERICAN WELDING SOCIETY-McKay-Helm
Award

Sliski, Theodore F.

1970 NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION-Apollo Achievement Award

Smith, G. Pedro, Jr.

- 1969 AMERICAN INSTITUTE OF CHEMISTS-Fellow
CHEMICAL SOCIETY OF LONDON-Fellow

Smith, Harold G.

- 1968 AMERICAN PHYSICAL SOCIETY-Fellow
1977 AMERICAN INSTITUTE OF PHYSICS-Noteworthy
Scientific Achievement

Smith, James H.

- 1976 AMERICAN SOCIETY FOR NONDESTRUCTIVE
TESTING-Achievement Award
1978 AMERICAN SOCIETY FOR NONDESTRUCTIVE
TESTING-Fellow

Snell, Arthur H.

- AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
AMERICAN PHYSICAL SOCIETY-Fellow
BRITISH ROYAL SOCIETY OF ARTS-Fellow

Snyder, S. Dick

- 1980 AMERICAN SOCIETY FOR NONDESTRUCTIVE
TESTING-Fellow

Snyder, Walter P.*

- 1967 HEALTH PHYSICS SOCIETY-President
1975 HEALTH PHYSICS SOCIETY-Distinguished
Achievement Award

Sonder, Edward

- 1967 AMERICAN PHYSICAL SOCIETY-Fellow

Southworth, Frank

- 1985 ASSOCIATION OF AMERICAN GEOGRAPHERS-
Outstanding Achievement Award

- Sparks, Cullie J.**
1983 RESEARCH AND DEVELOPMENT-IR-100 Award
- Spence, Roger D.**
1978 RESEARCH AND DEVELOPMENT-IR-100 Award
1979 RESEARCH AND DEVELOPMENT-IR-100 Award
- Sproull, Robert L.**
AMERICAN PHYSICAL SOCIETY-Fellow
- Staats, Percy A.**
1974 FISK UNIVERSITY, TENNESSEE-Honorary
Doctorate
- Steiner, Donald**
1979 AMERICAN NUCLEAR SOCIETY-Fellow
1982 UNITED STATES. DEPARTMENT OF ENERGY-
Certificate of Appreciation
- Stelson, Paul H.**
1957 AMERICAN PHYSICAL SOCIETY-Fellow
- Stevens, Audrey L.**
1981 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
- Stewart, Joseph H., Jr.**
1981 AMERICAN SOCIETY FOR TESTING AND
MATERIALS-Harlan J. Anderson Award
1982 RESEARCH AND DEVELOPMENT-IR-100 Award
- Stiegler, James O.**
1974 AMERICAN WELDING SOCIETY-William
Spraragen Award
1979 AMERICAN SOCIETY FOR METALS-Fellow
1979 AMERICAN WELDING SOCIETY-McKay-Helm
Award

Stinton, David P.

1979 RESEARCH AND DEVELOPMENT-IR-100 Award

Stocks, G. Malcolm

1982 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Outstanding Sustained Research

1983 AMERICAN PHYSICAL SOCIETY-Fellow

Storer, John B.

1968 UNITED STATES. DEPARTMENT OF ENERGY-
Ernest O. Lawrence Memorial Award

1983 CHICAGO. UNIVERSITY, ILLINOIS. MEDICAL
ALUMNI ASSOCIATION-Distinguished Scientific
Service Award

1983 UNION CARBIDE CORPORATION-Corporate
Fellow (Research)

AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Stoughton, Raymond W.

1971 AMERICAN INSTITUTE OF CHEMISTS-Fellow

1977 NEW YORK ACADEMY OF SCIENCE-Fellow

Stovall, Tberese K.

1980 NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION. LEWIS RESEARCH CENTER-
Certificate of Recognition

Straub, Conrad P.

1954 CORNELL UNIVERSITY, NEW YORK-Alumni
Medal

1955 NEWARK COLLEGE OF ENGINEERING, NEW
JERSEY-Outstanding Alumnus Award

Struxness, Edward G.

1975 AMERICAN NUCLEAR SOCIETY-Special Awards-
Outstanding Work in Waste Disposal and Management

1977 LUTHER COLLEGE, IOWA-Honorary Doctorate

SuchomeI, Robert R.

- 1979 RESEARCH AND DEVELOPMENT-IR-100 Award
- 1980 RESEARCH AND DEVELOPMENT-IR-100 Award

Sugihara, George

- 1981 OAK RIDGE NATIONAL LABORATORY-Eugene P. Wigner Fellowship

Susano, Charles D.*

- 1968 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Swain, David W.

- 1984 AMERICAN PHYSICAL SOCIETY-Fellow

Swartout, John A.

- 1957 STATE UNIVERSITY OF NEW YORK AT BUFFALO-Citation for Distinguished Accomplishments in Field of Nuclear Science
- 1960 AMERICAN NUCLEAR SOCIETY-Fellow
- 1964 AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE-Fellow
- 1968 NORTHWESTERN UNIVERSITY, ILLINOIS-Alumni Merit Award
- 1969 AMERICAN INSTITUTE OF CHEMISTS-Fellow
- 1980 AMERICAN NUCLEAR SOCIETY-Special Awards-25th Anniversary Exceptional Service Award

Swenson, Paul A.

- AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE-Fellow

Swindeman, Robert W.

- 1985 AMERICAN SOCIETY FOR TESTING AND MATERIALS-Fellow
- 1985 AMERICAN SOCIETY FOR TESTING AND MATERIALS-Award of Merit

Sworski, Thomas J.

- 1965 NOTRE DAME. UNIVERSITY, INDIANA-Centennial of Science Award

Tamura, Taro

1968 AMERICAN PHYSICAL SOCIETY-Fellow

Tamura, Tsuneo

1967 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

1980 SOIL SCIENCE SOCIETY OF AMERICA-Fellow

1980 AMERICAN SOCIETY OF AGRONOMY-Fellow

Tarr, Natalie E.

1974 HEALTH PHYSICS SOCIETY-Meritorious
Performance Award

Taylor, Ellison H.

AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Tennery, Victor J.

1969 AMERICAN CERAMIC SOCIETY-Fellow

1982 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Significant Implications for Energy
Technology

Thoma, Roy E.

1966 AMERICAN CERAMIC SOCIETY-Fellow

1975 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Thomas, David G.

1978 AMERICAN INSTITUTE OF CHEMICAL
ENGINEERS-Fellow

Thomas, Iran L.

1979 CHEMICAL ENGINEERING-Kirkpatrick Chemical
Engineering Achievement Award

Thomas, Joseph T.

- 1975 AMERICAN NUCLEAR SOCIETY-Nuclear
Criticality Safety Achievement Award
- 1983 AMERICAN NUCLEAR SOCIETY-Fellow

Thomason, Paul F.*

- 1968 WILLIAM JEWELL COLLEGE, MISSOURI-Citation
for Achievement

Till, John E.

- 1983 HEALTH PHYSICS SOCIETY-Elda E. Anderson
Memorial Award

Toth, Kenneth S.

- 1958 FULBRIGHT-HAYS AWARD-Fellowships
- 1965 GUGGENHEIM FOUNDATION-Fellowships

Totter, John R.

- AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Trauger, Donald B.

- 1962 NEBRASKA WESLEYAN UNIVERSITY-Alumni
Achievement Award
- 1972 AMERICAN NUCLEAR SOCIETY-Fellow
- 1974 NEBRASKA WESLEYAN UNIVERSITY-Honorary
Doctorate
- 1977 TENNESSEE WESLEYAN COLLEGE-Honorary
Doctorate

Trubey, David K.

- 1976 AMERICAN NUCLEAR SOCIETY-Fellow
- 1983 AMERICAN NUCLEAR SOCIETY. RADIATION
PROTECTION AND SHIELDING DIVISION.-
Outstanding Service and Technical Achievement

Turner, James E.

- 1953 FULBRIGHT-HAYS AWARD-Fellowships
- 1975 AMERICAN PHYSICAL SOCIETY-Fellow

Turner, Robert S.

- 1983 OAK RIDGE NATIONAL LABORATORY-Eugene P.
Wigner Fellowship

Uckan, Nermin A.

- 1980 FUSION POWER ASSOCIATION-Certificate of
Recognition

Ulehla, Martin V.

- 1976 OAK RIDGE NATIONAL LABORATORY-Eugene P.
Wigner Fellowship

Uppuluri, V.R. Rao

- 1967 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
1971 AMERICAN STATISTICAL ASSOCIATION-Fellow
1975 INTERNATIONAL STATISTICAL INSTITUTE-
Ordinary Member
ROYAL STATISTICAL SOCIETY, UNITED
KINGDOM-Fellow

Upton, Arthur C.

- 1963 AMERICAN ASSOCIATION FOR CANCER
RESEARCH-President
1965 UNITED STATES. DEPARTMENT OF ENERGY-
Ernest O. Lawrence Memorial Award
1965 RADIATION RESEARCH SOCIETY-President
1967 AMERICAN SOCIETY FOR EXPERIMENTAL
PATHOLOGY-President

Van Hook, Robert I.

- 1983 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Van Winkle, Webster, Jr.

- 1983 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Vander Sluis, Kenneth L.

1965 OPTICAL SOCIETY OF AMERICA-Fellow

1967 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Vavruska, John S.

1979 RESEARCH AND DEVELOPMENT-IR-100 Award

Vo-Dinh, Tuan

1981 RESEARCH AND DEVELOPMENT-IR-100 Award

Volkin, Elliot

AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Von Borstel, Robert C. (Jack)

1979 GENETICS SOCIETY OF CANADA-President

1983 GENETICS SOCIETY OF CANADA-Award of
Excellence

Vondra, Benedict L., Jr.*

1966 UNITED STATES. DEPARTMENT OF ENERGY-
Nerva Program Commendation

1970 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Waddell, Bruce V.*

1976 OAK RIDGE NATIONAL LABORATORY-Eugene P.
Wigner Fellowship

Wagner, Edward B.

1977 RESEARCH AND DEVELOPMENT-IR-100 Award

Wakabayashi, Nobuyoshi

1977 AMERICAN INSTITUTE OF PHYSICS-Noteworthy
Scientific Achievement

1981 AMERICAN PHYSICAL SOCIETY-Fellow

Walker, William A.

1980 RESEARCH AND DEVELOPMENT-IR-100 Award

Wallace, Robin A.

AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Walton, Barbara T.

1985 SOCIETY OF ENVIRONMENTAL TOXICOLOGY
AND CHEMISTRY-President

Way, Katherine

1960 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

1974 NORTH CAROLINA. UNIVERSITY.-Distinguished
Alumnus Award
AMERICAN PHYSICAL SOCIETY-Fellow

Weaver, Boyd S.

AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Weaver, Samuel C.

1983 AMERICAN SOCIETY FOR TESTING AND
MATERIALS-Award of Merit

Webe, David K.

1984 OAK RIDGE NATIONAL LABORATORY-Eugene P.
Wigner Fellowship

Wei, Chin H.

1972 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Wei, George C.

1976 OAK RIDGE NATIONAL LABORATORY-Eugene P.
Wigner Fellowship

Weinberg, Alvin M.

1951 UNITED STATES. JUNIOR CHAMBER OF
COMMERCE-One of Ten Outstanding Young Men of
the Year

1959 AMERICAN NUCLEAR SOCIETY-President

- 1960 AMERICAN NUCLEAR SOCIETY-Fellow
- 1960 FORD MOTOR COMPANY FUND-Atoms for Peace Award
- 1960 UNITED STATES. DEPARTMENT OF ENERGY-Ernest O. Lawrence Memorial Award
- 1960 AMERICAN ACADEMY OF ARTS AND SCIENCES-Fellow
- 1961 NATIONAL ACADEMY OF SCIENCES-Membership
- 1963 TENNESSEE. UNIVERSITY, CHATTANOOGA-Honorary Doctorate
- 1965 RADIATION RESEARCH SOCIETY-Failla Memorial Lecturer
- 1966 CHICAGO. UNIVERSITY, ILLINOIS-Alumni Award
- 1966 UNIVERSITY OF THE PACIFIC, CALIFORNIA-Honorary Doctorate
- 1967 ALFRED UNIVERSITY, NEW YORK-Honorary Doctorate
- 1967 DENISON UNIVERSITY, OHIO-Honorary Doctorate
- 1968 TENNESSEE. UNIVERSITY, KNOXVILLE-N.W. Dougherty Award in Engineering
- 1969 AMERICAN WELDING SOCIETY-Comfort A. Adams Lecture
- 1969 KENYON COLLEGE, OHIO-Honorary Doctorate
- 1971 AMERICAN NUCLEAR SOCIETY-Jack Chernick Memorial Award
- 1971 WORCESTER POLYTECHNICAL INSTITUTE, MASSACHUSETTS-Honorary Doctorate
- 1973 NATIONAL ACADEMY OF ENGINEERING-Membership
- 1973 ROCHESTER. UNIVERSITY, NEW YORK-Honorary Doctorate
- 1973 STEVENS INSTITUTE OF TECHNOLOGY, NEW JERSEY-Honorary Doctorate
- 1973 BUTLER UNIVERSITY, INDIANA-Honorary Doctorate
- 1974 WAKE FOREST UNIVERSITY, NORTH CAROLINA-Honorary Doctorate
- 1975 BADENWERK FOUNDATION AND KARLSRUHE UNIVERSITY, F.R.G.-Heinrich Hertz Prize

- 1978 SOCIETY OF RESEARCH ADMINISTRATORS-
Distinguished Contributor to Research Administration
Award
- 1978 LOUISVILLE. UNIVERSITY, KENTUCKY-Honorary
Doctorate
- 1980 UNITED STATES. DEPARTMENT OF ENERGY-
Enrico Fermi Award
- 1982 TECHNION, ISRAEL INSTITUTE OF
TECHNOLOGY-Harvey Prize in Science and
Technology
- 1983 AMERICAN UNIVERSITY. WILIAM MOSS
INSTITUTE, DISTRICT OF COLUMBIA-Alvin M.
Weinberg Graduate Fellowship. Name Honor
- 1984 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
AMERICAN PHYSICAL SOCIETY-Fellow

Weir, James R., Jr.

- 1973 UNITED STATES. DEPARTMENT OF ENERGY-
Ernest O. Lawrence Memorial Award
- 1974 AMERICAN SOCIETY FOR METALS-Fellow
- 1974 CINCINNATI UNIVERSITY, OHIO-Distinguished
Alumnus Award
- 1978 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Welton, Theodore A.

- 1967 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
- 1980 ALEXANDER VON HUMBOLDT STIFTUNG.
BONN, F.R.G.-Alexander Von Humboldt Award
AMERICAN PHYSICAL SOCIETY-Fellow

Wesolowski, David

- 1983 OAK RIDGE NATIONAL LABORATORY-Eugene P.
Wigner Fellowship

Westbrook, Russell D.

- 1983 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Significant Implications for Energy
Technology

Whatley, Susan K.

- 1983 SOCIETY OF WOMEN ENGINEERS-Distinguished
New Engineers Award
1983 TENNESSEE. UNIVERSITY, KNOXVILLE-Women
of Achievement Award

White, C. Woody

- 1981 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Outstanding Sustained Research in
Solid State Physics
1982 MATERIALS RESEARCH SOCIETY-Council (3
Years)
1983 RESEARCH AND DEVELOPMENT-IR-100 Award
1984 MATERIALS RESEARCH SOCIETY-President

White, Calvin L.

- 1984 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Significant Implications for Energy
Technology

White, James C.

- 1964 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
1968 AMERICAN INSTITUTE OF CHEMISTS-Fellow

Whitesides, G. Elliott

- 1980 AMERICAN NUCLEAR SOCIETY-Fellow

Whiting, Anna R.

- 1964 SMITH COLLEGE, MASSACHUSETTS-Honorary
Doctorate
AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Whiting, Phineas

AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Whitman, Graydon D.

1983 UNION CARBIDE CORPORATION-Corporate
Fellow (Engineering)

Wigner, Eugene P.

- 1946 UNITED STATES-Medal for Merit
1949 WISCONSIN UNIVERSITY-Honorary Doctorate
1950 FRANKLIN INSTITUTE-Franklin Medal
1950 WASHINGTON UNIVERSITY, MISSOURI-Honorary
Doctorate
1956 CASE WESTERN RESERVE UNIVERSITY, OHIO-
Honorary Doctorate
1956 AMERICAN PHYSICAL SOCIETY-President
1957 ALBERTA. UNIVERSITY, CANADA-Honorary
Doctorate
1957 CHICAGO. UNIVERSITY, ILLINOIS-Honorary
Doctorate
1958 UNITED STATES. DEPARTMENT OF ENERGY-
Enrico Fermi Award
1959 COLBY COLLEGE, MAINE-Honorary Doctorate
1960 AMERICAN NUCLEAR SOCIETY-Fellow
1960 FORD MOTOR COMPANY FUND-Atoms for Peace
Award
1961 GERMAN PHYSICAL SOCIETY-Max Planck Medal
1961 PENNSYLVANIA. UNIVERSITY-Honorary Doctorate
1963 NOBEL FOUNDATION-Nobel Prize in Physics
1963 YESHIVA UNIVERSITY, NEW YORK-Honorary
Doctorate
1964 AMERICAN HUNGARIAN STUDIES
FOUNDATION-George Washington Award
1964 THIEL COLLEGE, PENNSYLVANIA-Honorary
Doctorate
1965 AMERICAN HUNGARIAN STUDIES
FOUNDATION-George Semmelweiss Medal

- 1965 NOTRE DAME. UNIVERSITY, INDIANA-Honorary
Doctorate
- 1966 BERLIN TECHNISCHE UNIVERSITAT, F.R.G.-
Honorary Doctorate
- 1966 SWARTHMORE COLLEGE, PENNSYLVANIA-
Honorary Doctorate
- 1967 LIEGE STATE UNIVERSITY, BELGIUM-Honorary
Doctorate
- 1967 LOUVAIN CATHOLIC UNIVERSITY, BELGIUM-
Honorary Doctorate
- 1968 ILLINOIS. UNIVERSITY-Honorary Doctorate
- 1969 CATHOLIC UNIVERSITY OF AMERICA,
DISTRICT OF COLUMBIA-Honorary Doctorate
- 1969 SETON HALL UNIVERSITY, NEW JERSEY-
Honorary Doctorate
- 1969 UNITED STATES-Medal of Science
- 1970 ROCKEFELLER UNIVERSITY, NEW YORK-
Honorary Doctorate
- 1972 COLORADO. UNIVERSITY-George Gamow Memorial
Award
- 1972 STRAUSS, LEWIS AND ROSA, MEMORIAL
FUND-Albert Einstein Award
- 1973 ISRAEL INSTITUTE OF TECHNOLOGY-Honorary
Doctorate
- 1976 LOWELL UNIVERSITY, MASSACHUSETTS-
Honorary Doctorate
- 1976 PRINCETON UNIVERSITY, NEW JERSEY-
Honorary Doctorate
- 1978 ALLEGHENY COLLEGE, PENNSYLVANIA-
Honorary Doctorate
- 1978 CLARKSON COLLEGE OF TECHNOLOGY, NEW
YORK-Honorary Doctorate
- 1978 TEXAS. UNIVERSITY-Honorary Doctorate
AMERICAN PHYSICAL SOCIETY-Fellow

Wilkinson, Michael K.

- 1957 AMERICAN PHYSICAL SOCIETY-Fellow
- 1983 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Willard, Harvey B.

1957 AMERICAN PHYSICAL SOCIETY-Fellow

Willey, Melvin G.

1980 RESEARCH AND DEVELOPMENT-IR-100 Award

1983 RESEARCH AND DEVELOPMENT-IR-100 Award

Williams, Robert K.

1957 COLORADO SCHOOL OF MINES-Metallurgical
Engineering Medal

Willis, Damos D.

1977 RESEARCH AND DEVELOPMENT-IR-100 Award

Wintenberg, Richard E.

1970 NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION-Apollo Achievement Award

Winters, Charles E.

1965 AMERICAN NUCLEAR SOCIETY-Fellow

Wollan, Ernest O.*

1965 CONCORDIA COLLEGE, MINNESOTA.-Honorary
Doctorate

1967 FRANKLIN INSTITUTE-John Price Wetherill Medal

1967 INTERNATIONAL CONGRESS ON MAGNETISM-
Citation for Achievement

AMERICAN PHYSICAL SOCIETY-Fellow

PERUVIAN CHEMISTS SOCIETY-Fellow

Wong, Cheuk-Yin

1978 AMERICAN PHYSICAL SOCIETY-Fellow

Wood, Richard F.

1958 FULBRIGHT-HAYS AWARD-Fellowships

1968 AMERICAN PHYSICAL SOCIETY-Fellow

1979 RESEARCH AND DEVELOPMENT-IR-100 Award

- 1981 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Outstanding Sustained Research in
Solid State Physics
- 1983 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Significant Implications for Energy
Technology
- 1984 UNION CARBIDE CORPORATION-Corporate
Fellow (Research)
- 1984 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Wymer, Raymond G.

- 1970 AMERICAN INSTITUTE OF CHEMISTS-Fellow
- 1977 AMERICAN NUCLEAR SOCIETY-Fellow
- 1977 AMERICAN NUCLEAR SOCIETY-Special Awards-
Outstanding Work in Chemical Technology in Fuel
Recycle

Yakel, Harry L.

- 1968 MINERALOGICAL SOCIETY OF AMERICA-Fellow
- 1980 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Yamada, Tuneo

- 1964 INSTITUTE OF ANIMAL GENETICS,
EDINBURGH-Fellow

Yockey, Hubert P.

- 1960 AMERICAN PHYSICAL SOCIETY-Fellow

Young, Frederick W., Jr.

- AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow
- AMERICAN PHYSICAL SOCIETY-Fellow

Young, Gale

- 1960 AMERICAN NUCLEAR SOCIETY-Fellow
- AMERICAN PHYSICAL SOCIETY-Fellow

Young, Glenn R.

- 1978 OAK RIDGE NATIONAL LABORATORY-Eugene P.
Wigner Fellowship

Young, Jack P.

- 1977 RESEARCH AND DEVELOPMENT-IR-100 Award
1982 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow

Young, Rosa T.

- 1979 RESEARCH AND DEVELOPMENT-IR-100 Award
1981 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Outstanding Sustained Research in
Solid State Physics
1983 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Significant Implications for Energy
Technology

Yurek, Gregory J.

- 1974 AMERICAN SOCIETY FOR METALS-Henry Marion
Howe Medal

Yust, Charles S.

- 1978 AMERICAN CERAMIC SOCIETY-Fellow
1982 UNITED STATES. DEPARTMENT OF ENERGY.
MATERIALS SCIENCE RESEARCH
COMPETITION-Significant Implications for Energy
Technology

Zaluzec, Nester J.

- 1977 OAK RIDGE NATIONAL LABORATORY-Eugene P.
Wigner Fellowship

Zanoli, Gino F.

- INDUSTRIAL MEDICAL ASSOCIATION-Fellow

Zucker, Alexander

- 1955 AMERICAN PHYSICAL SOCIETY-Fellow
- 1966 FULBRIGHT-HAYS AWARD-Fellowships
- 1966 GUGGENHEIM FOUNDATION-Fellowships
- 1967 AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE-Fellow



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ADAMS, COMFORT A., LECTURE

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ALBERT, HENRY J., AWARD

See International Precious Metals Institute

AMERICAN ASSOCIATION OF CLINICAL CHEMISTS

See AMERICAN ASSOCIATION FOR CLINICAL CHEMISTRY

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

See Institute of Electrical and Electronics Engineers

**AMERICAN INSTITUTE OF MINING, METALLURGICAL,
AND PETROLEUM ENGINEERS**

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AMERICAN SOCIETY FOR EXPERIMENTAL PATHOLOGY

See American Association of Pathologist

ANDERSON, ELDA E., MEMORIAL AWARD

See Health Physics Society

ANDERSON, HARLAN J., AWARD

See American Society for Testing and Materials

APOLLO GROUP ACHIEVEMENT AWARD

See National Aeronautics and Space Administration

APOLLO-SOYUZ ACHIEVEMENT AWARD

See National Aeronautics and Space Administration

ATOMS FOR PEACE AWARD

See Ford Motor Company Fund

BARNES, CHARLES REID

See American Society of Plant Physiologists

BEAMS, JESSE W. AWARD

See AMERICAN PHYSICAL SOCIETY. SOUTHEAST SECTION

BERNARD, CLAUDE, MEDAL

See Montreal. University

BERTNER AWARD

See M.D. Anderson Hospital and Tumor Institute

BINGHAM, EUGENE COOK, MEDAL

See Society of Rheology

BIOMETRIC SOCIETY

See American Statistical Association and the Biometric Society

BONNER, TOM W., PRIZE IN NUCLEAR PHYSICS

See American Physical Society

BREDIG MEMORIAL SYMPOSIUM

See Electrochemical Society. Physical Electrochemistry Division.

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See Mineralogical Society. United Kingdom.

BROOKS, M.E., DISTINGUISHED PROFESSOR AWARD

See Tennessee. University. Knoxville

BRUNTON MEDAL

See Sheffield University. United Kingdom

BUCKLEY, OLIVER E., SOLID STATE PHYSICS PRIZE

See American Physical Society

CAMERON, WILLIAM H., AWARD

See National Safety Council

CARNEGIE, ANDREW, SILVER MEDAL

See Iron and Steel Institute

CENTENNIAL OF SCIENCE AWARD

See Notre Dame. University, Indiana

CHEERNICK, JACK, MEMORIAL AWARD

See American Nuclear Society

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See American Nuclear Society

COOLIDGE AWARD

See American Society for Nondestructive Testing

CRESSON, ELLIOTT, MEDAL

See The Franklin Institute

DAVIS, A.F., SILVER MEDAL

See American Welding Society

DEFENSE ATOMIC SUPPORT AGENCY

See Defense Nuclear Agency

DOUGHERTY AWARD IN ENGINEERING

See Tennessee. University. Knoxville

EINSTEIN, ALBERT, AWARD

See Strauss, Lewis and Rosa, Memorial Fund

FAILLA MEMORIAL LECTURER

See Radiation Research Society

FERMI, ENRICO, AWARD

See United States. Department of Energy

FINSEN MEDAL

See International Congress of Photobiology

FRANKLIN MEDAL

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GAINES AWARD

See American Veterinary Medical Association

GAMOW, GEORGE, MEMORIAL AWARD

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See Auburn University. Alumni Engineering Council.

GOODE, HARRY, MEMORIAL AWARD

See American Federation of Information Processing Societies

HARMS, WILLIAM O., AWARD

See American Society for Metals. Los Angeles Chapter.

HERTY, CHARLES HOLMES, MEDAL

See American Chemical Society. Georgia Section.

HERTZ, HEINRICH, PRIZE

See Badenwerk Foundation and Karlsruhe University, F.R.G.

HEVESY, GEORGE, MEDAL

See Journal of Radioanalytical Chemistry

HOBBS, T. GIBSON, DISTINGUISHED SERVICE AWARD

See Lynchburg College, Virginia

HOWE, HENRY MARION, MEDAL

See American Society for Metals

INDUSTRIAL RESEARCH

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IR-100 AWARD

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KARLSRUHE UNIVERSITY

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KETTERING, CHARLES F., AWARD

See American Society of Plant Physiologists

**KIRKPATRICK CHEMICAL ENGINEERING ACHIEVEMENT
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LEITZ, E., AWARD

See American Society for Metals. Canada.

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**LINCOLN EXPERIMENTAL SATELLITE PROGRAM
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See American Welding Society

LONGSTRETH, EDWARD, MEDAL

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See American Society for Metals

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See Ecological Society of America

MILLER, SAMUEL WYLIE, MEMORIAL AWARD

See American Welding Society

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See United States. Department of Energy.

NEWCOMB CLEVELAND PRIZE

See American Association for the Advancement of Science

PAWSEY MEDAL

See Australian Academy of Science

PFIZER AWARD

See American Chemical Society

PIONEER XI GROUP ACHIEVEMENT AWARD

See National Aeronautics and Space Administration

PIONEER/JUPITER GROUP ACHIEVEMENT AWARD

See National Aeronautics and Space Administration

PLANCK, MAX, MEDAL

See German Physical Society

PLUMMER, FRED L., AWARD

See American Welding Society

PRIESTLY MEDAL

See American Chemical Society

RICHARDS MEMORIAL AWARD

See American Society of Mechanical Engineers

RICHARDS, THEODORE W., MEDAL

See American Chemical Society

ROENTGEN MEDAL

See Remscheid. City, F.R.G.

ROSENTHAL AWARD

See American Association for the Advancement of Science

SCOTT, JOHN, AWARD

See Philadelphia Board of Directors of City Trusts

SELIGMAN AWARD

See Institute of Environmental Sciences

SEMMELWEISS, GEORGE, MEDAL

See American Hungarian Studies Foundation

SIAM

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SIDHU AWARD

See Pittsburgh Diffraction Society

SMYTH, HENRY F., AWARD

See American Academy of Industrial Hygiene

SNEDECOR, GEORGE W., MEMORIAL AWARD

See American Statistical Association and the Biometric Society

SORBY AWARD

See International Metallographic Society

SOUTHERN CHEMISTS GOLD MEDAL AWARD

See American Chemical Society. Memphis Section.

SPRARAGEN, WILLIAM AWARD

See American Welding Society

TAYLOR, J. HALL, MEDAL

See American Society of Mechanical Engineers

THORNTON, RICHARD H., AWARD

See Lynchburg College, Virginia

TURNER MEMORIAL AWARD

See Electrochemical Society

UNITED STATES. ATOMIC ENERGY COMMISSION.

See United States. Department of Energy.

**UNITED STATES. ENERGY RESEARCH AND
DEVELOPMENT ADMINISTRATION.**

See United States. Department of Energy.

UNITED STATES. FEDERAL ENERGY ADMINISTRATION

See United States. Department of Energy

VAN SLYKE AWARD IN CLINICAL CHEMISTRY

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Metropolitan Section.

VIKING MISSION PIN

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See United States. Department of Energy.

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See American Hungarian Studies Foundation

WASSERMAN, RENE D., AWARD

See American Welding Society

WETHERILL, JOHN PRICE, MEDAL

See The Franklin Institute

WHITNEY, WILLIS RODNEY, AWARD

See National Association of Corrosion Engineers

WIGNER, EUGENE P., FELLOWSHIPS

See Oak Ridge National Laboratory

WILLIAMS, DAVID V. P., MEMORIAL AWARD

See American Nuclear Society

WILSON, ROBERT E., AWARD

See American Institute of Chemical Engineers

