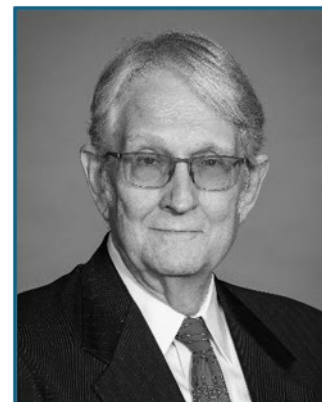


NIST Gallery of Distinguished Alumni



Celebrating Our 2026 Honorees

September 17, 2026



National Bureau of Standards gate from Connecticut and Van Ness site



Descendant of Newton's apple tree on Gaithersburg campus

Sometime between 5 p.m. on Monday, June 7, and 12:45 p.m. on June 8, 2021 NIST's official Newton Apple Tree toppled over and died. This arboreal clone from the garden in which Isaac Newton saw an apple fall in 1666 has finally itself succumbed to gravity. Years ago, NIST made additional clones of our Newton Apple Tree and one will now become our "official" tree.

NIST Gallery of Distinguished Alumni

Adding Eight Honorees to the Gallery

**Thursday, September 17, 2026
In-Person and Virtual Ceremony**

11 am – 12:30 (EDT); 9 am – 10:30 am (MDT)

Arranged by
STANDARDS ALUMNI ASSOCIATION



**Jacqueline Calhoun, President
Harry Hertz and Bettijoyce Lide
Co-Chairs, Portrait Gallery Committee**

History of the NBS/NIST Gallery

The Portrait Gallery had its origin in the framed photos of early NBS leaders that graced the walls of the Senior Lunch Club on the third floor of the South Building at the old site on Connecticut Avenue in Washington. These included well-known figures from early NBS history such as Harry Diamond, Hugh Dryden, W. W. Coblenz, William Hillebrand, and Edward Rosa. When the move to Gaithersburg took place in the mid-1960s, the portraits were moved to the new NBS Lunch Club, which was at the site of the present-day Heritage Room. In the early 1970s Director Lewis Branscomb proposed that these portraits form the beginning of a gallery to honor distinguished NBS alumni. When the lunch room was refurbished in 1985, the portraits were moved to the alcove just outside in the hallway.

In 1988 Director Ernest Ambler asked the SAA to oversee the creation of an up-to-date portrait gallery. SAA President Churchill Eisenhart organized a committee of senior retirees representing both technical and administrative areas. The other members of the original committee were Chester Page, Richard Cook, James Wright, Bascom Birmingham, Lawrence Wood, and Reeves Tilley. This committee announced the initial members of the NBS/NIST Gallery in 1988. This list of 79 NBS/NIST alumni included those whose portraits were already displayed in the alcove, as well as a number of more recent alumni.

Although the SAA continued a Portrait Gallery Committee to oversee the display of the portraits, a systematic procedure to add to the list of honorees was not established immediately. Except for the addition of 19 portraits in 1995, no further additions were made until Hans Oser, Ron Johnson, and Reeves Tilley reactivated the SAA committee in 1998. Since that time a formal induction ceremony has been held each year, including a reception for friends and family. Furthermore, in an effort led by Anneke Sengers, with the help of Ralph Hudson and David Lide, the SAA drew up selection criteria and established a procedure for soliciting nominations in a standard format, appointing a jury to evaluate the candidates, and deciding which ones to propose to the NIST Director for approval. The Portrait Gallery is now one of the SAA activities most visible to the NIST staff.

Today, the 398 portraits line both walls of the corridor. In addition, digital kiosks that contain all the portraits and biographies are being planned for both Gaithersburg and Boulder. Furthermore, all the portraits and biographical material can be accessed via the Internet through the NIST Digital Archives.

--by David Lide

SAA Portrait Gallery Committee 2026

Committee Co-Chairs Harry Hertz and Bettijoyce Lide
Digital Portrait Gallery Jeffrey Horlick
Subcommittees:

Nominations and Elections Harry Hertz, Bettijoyce Lide, Barbara Uglik
Liaison with Honorees, Program Brochure Noël Raufaste and Jeffrey Horlick
Portrait Ceremony and Advertising Jeffrey Horlick and Richard M. Lindstrom

2026 Jury

Jeanice Brown-Thomas
Belinda Collins
Harry Hertz (non-voting)
Bettijoyce Lide (non-voting)

John Lowe
Janet Miller
Noël Raufaste
Emil Simiu

David Simons
Barbara Uglik (non-voting)
Edward White V
Lloyd Whitman

PROGRAM

Opening Comments Jacqueline Calhoun, President, SAA

Welcoming Remarks Arvind Raman, Director, NIST

Presentations Harry Hertz, Bettijoyce Lide, and John Lowe, Portrait Gallery Committee

Bushby, Steven T. **EL** **Years at NBS/NIST: 1979-1983, 1986-2024**

For high-impact research and visionary leadership that revolutionized building automation and enabled interoperable integration of building systems impacting industry standards, operations, maintenance, reliability and indoor environmental quality worldwide

Gayle, Frank W. **OAM** **Years at NBS/NIST: 1988-2023**

For leadership and innovative research supporting national programs in advanced manufacturing, sustainability, building safety, semiconductors, and materials science, while advancing an inspiring workplace

Hudgens, Jeffrey W. **MML** **Years at NBS/NIST: 1984-2022**

For outstanding leadership in laser and mass spectrometry measurements of free radicals and nanoclusters, and for making key advances in protein dynamics analyses that improved patient access to lifesaving biosimilar drugs

Neumann, Dan A. **NCNR** **Years at NBS/NIST: 1987-2026**

For his outstanding contributions to neutron scattering, exceptional leadership in transforming the NCNR into a world-leading facility, and dedication to mentoring the next generation of scientists

Newbury, Dale E. **MML** **Years at NBS/NIST: 1972-2023**

For distinguished leadership in electron-beam microanalysis and metallurgy, consistent innovation, accuracy and rigor in measurements, and for co-authoring the leading textbook in scanning electron microscopy since 1984

Phan, Long T. **EL** **Years at NBS/NIST: 1985-2025**

For his pioneering research on extreme hazards, which led to the adoption of the Enhanced Fujita scale and the first U.S. tornado-resistant design standards that fundamentally improved national building codes and structural resilience

Sharpless, Katherine Epler **MML, SPO** **Years at NBS/NIST: 1986-2026**

For sustained leadership in developing over 100 food and clinical Standard Reference Materials, chairing the NIST Editorial Review Board for 17 years, and architecting NIST's foundational Open Access research plan

Whetstone, James R. **MML, SPO** **Years at NBS/NIST: 1972-2025**

For excellence in research that improved the nation's measurement capabilities, development of national and international measurement standards, and leadership in research of global impact

Recognition of 2025 Portrait Gallery Honorees Jacqueline Calhoun, President, SAA

Closing Remarks and Acknowledgments Harry Hertz and Bettijoyce Lide



STEVEN T. BUSHBY

NBS/NIST: 1979-1983, 1986-2024

INDUCTED: 2026

B: 1957, Waterloo, Iowa

EDUCATION:

Northwestern University, BS (Chemical Engineering), 1981
Colorado State University, MS (Chemical Engineering), 1983
University of Maryland, MS (Computer Science), 1993

CITATION: For high-impact research and visionary leadership that revolutionized building automation and enabled interoperable integration of building systems impacting industry standards, operations, maintenance, reliability and indoor environmental quality worldwide

POSITIONS HELD AT NBS/NIST:

Co-Op, Center for Building Technology (CBT), National Engineering Laboratory (NEL), 1979-1983
Electronics Engineer, Building Equipment Division/Building Environment Division, CBT, NEL/Building Environment Division, Building and Fire Research Laboratory (BFRL), 1986-1999
Leader, Mechanical Systems and Controls Group, Building Environment Division, BFRL/Building Energy and Environment Division, Engineering Laboratory (EL), 1999-2023
Program Analyst, Program Office, Office of the NIST Director, 2005
Electronics Engineer, Building Energy and Environment Division, EL, 2023-2024
Guest Researcher, Building Energy and Environment Division, EL, 2025 -

HONORS:

NIST Bronze Medal (1992)
NIST William P. Slichter Award (1996)
Vice-President Al Gore-: Hammer Award (1996)
ASHRAE Distinguished Service (2004), ASHRAE Fellow (2008), ASHRAE Exceptional Service (2015)
ASHRAE Standards Achievement Award (2017)
NIST Edward Bennett Rosa Awards (2009 and 2017)
BACnet Hall of Fame (2017), BACnet International Lifetime Achievement Award (2024)
ASHRAE Crosby Field Award (2024)

MEMBERSHIPS:

American Society of Heating, Refrigerating and Air Conditioning Engineers
BACnet International

PUBLICATIONS:

More than 80 publications including:

Bushby, S.T., "Application Layer Communication Protocols for Building Energy Management and Control Systems", *ASHRAE Transactions* 94 (2), 494-510 (1988)
Bushby, S.T., "BACnet™ A Standard Communication Infrastructure for Intelligent Buildings", *Automation in Construction* 6 (5-6), 529-540 (January 1997)
Applebaum, M.A. and Bushby, S.T., "450 Golden Gate Project: BACnet's™ First Large-Scale Test", *ASHRAE Journal* (July 1998)
Bushby, S.T., Newman, H.M., and Applebaum, M.A., *GSA Guide to Specifying Interoperable Building Automation and Control Systems Using ANSI/ASHRAE Standard 135-1995, BACnet*, NISTIR 6392 (1999)
Bushby, S.T., Galler, M.A., Ferretti, N.M., and Park, C., "The Virtual Cybernetic Building Testbed: – A Building Emulator", *ASHRAE Transactions* 116 (1), 37-44 (2010)
Bushby, S.T. and Jones, A., "Facility Information Model Standard: Smart Grid and Facility Control", *ASHRAE Journal* 58 (8), 24-35 (2016)



FRANK W. GAYLE

NBS/NIST: 1988-2023
INDUCTED: 2026

B: 1953, Richmond, Virginia

EDUCATION:

Duke University, BSE (Civil Engineering), 1975
Duke University, MS (Mechanical Engineering and Materials Science), 1976
Massachusetts Institute of Technology, ScD (Materials Science), 1985

CITATION: For leadership and innovative research supporting national programs in advanced manufacturing, sustainability, building safety, semiconductors, and materials science, while advancing an inspiring workplace

POSITIONS HELD AT NBS/NIST:

Engineer, Metallurgy Division, Materials Science and Engineering Laboratory (MSEL), 1988-1996
Leader, Materials Structure and Characterization Group/Materials Performance Group, Metallurgy Division, MSEL, 1996-2005
Program Analyst, Program Office, Office of the NIST Director, 1999
Chief, Metallurgy Division, MSEL/Material Measurement Laboratory (MML), 2005-2012
Technical Program Director, Materials Science and Engineering Division, MML, 2013
Deputy Director, Office of Advanced Manufacturing, 2014-2023
Guest Researcher, Office of Advanced Manufacturing, 2024 -

HONORS:

NIST Bronze Medal (1990)
U.S. Department of Commerce Gold Medals (2003 and 2005)
NIST EEO-Diversity Award (2014)
Fellow, ASM International (2015)
Fellow, SME (2018)
Dr. Willie E. May Award for Distinguished Career at NIST (2023)

MEMBERSHIPS:

Journal of Phase Equilibria Editorial Committee (Vice Chair, 1993-1994)
U.S. National Construction Safety Team, emergency response team (2002-2021)
Joint Commission for Metallurgical and Materials Transactions (Chair, 2004-2006)

PUBLICATIONS:

More than 120 publications and one patent including:

Swartzendruber, L.J., Roitburd, A., Kaiser, D.L., Gayle, F.W., and Bennett, L.H., "Direct Evidence for an Effect of Twin Boundaries on Flux Pinning in Single-crystal YBa₂Cu₃O_{6+x}", *Physical Review Letters* 64, 483-486 (1990)
Gayle, F.W., Heubaum, F.H., and Pickens, J.R., "Structure and Properties During Aging of an Ultra-high Strength Al-Cu-Li-Ag-Mg Alloy", *Scripta Metallurgica et Materialia*, 24 (1), 79-84 (1990)
Gayle, F.W., and Goodway, M., "Precipitation Hardening in the First Aerospace Aluminum Alloy: The Wright Flyer Crankcase", *Science* 266 (5187), 1015-1017 (1994)
Gayle, F.W., Introduction to the paper: "Metallic Phase with Long-Range Orientational Order and No Translational Symmetry", *Physical Review Letters* 53, (20), 1951-1953 (1984) by D. Shechtman, I. Blech, D. Gratias, and J. W. Cahn, in *The Selected Works of John W. Cahn*, (eds W.C. Carter and W.C. Johnson), TMS, 429-432 (1998)
Gayle, F.W., and Slattery, J.A., "Lead-based Solders for High Temperature Applications", U.S. Patent 6,059,900 (May 9, 2000)
Gayle, F.W., "The Collapse of the World Trade Center Towers: A Metallurgist's View", *MRS Bulletin* 32 (9), 710-716 (2007)



JEFFREY W. HUDGENS

NBS/NIST: 1984-2022

INDUCTED: 2026

B: 1949, Urbana, Illinois

EDUCATION:

Miami University-Ohio, BS, (Chemistry), 1971

University of Illinois at Urbana-Champaign, PhD, (Physical Chemistry), 1976

CITATION: For outstanding leadership in laser and mass spectrometry measurements of free radicals and nanoclusters, and for making key advances in protein dynamics analyses that improved patient access to life-saving biosimilar drugs

POSITIONS HELD AT NBS/NIST:

Research Chemist, Chemical Kinetics Division, Center for Chemical Physics/Center for Chemical Technology, National Measurement Laboratory/Chemical Kinetics and Thermodynamics Division, Chemical Science and Technology Laboratory (CSTL), 1984-1996

Research Chemist, Advanced Technology Program, 1997 and 2001-2003

Research Chemist, Physical and Chemical Properties Division/Chemical and Biochemical Reference Data Division, CSTL, 1997-2010

Research Chemist, Biomolecular Measurement Division, Material Measurement Laboratory (MML), 2010-2022

Guest Researcher, Biomolecular Measurement Division, MML, 2022 -

HONORS:

NBS Bronze Medal (1987)

Fellow of the American Physical Society (1995)

Chemical Science and Technology Laboratory Technical Achievement Award (1998)

U.S. Department of Commerce Silver Medal (2021)

MML Accolade Award – Distinguished Associate (2024)

MEMBERSHIPS:

American Chemical Society

American Physical Society

American Association for the Advancement of Science

American Society for Mass Spectrometry

International Society for Hydrogen-Deuterium Exchange Mass Spectrometry

PUBLICATIONS:

More than 145 publications and two patents including:

Hudgens, J.W., Gallagher, E.S., Karageorgos, I., Anderson, K.W., Filliben, J.J., Huang, R.Y-C., et al.,

“Interlaboratory Comparison of Hydrogen–Deuterium Exchange Mass Spectrometry Measurements of the Fab Fragment of NISTmAb”, *Analytical Chemistry* 91 (11), 7336-7345 (2019)

Huang, R.Y-C., and Hudgens, J.W., “Effects of Desialylation on Human α 1-Acid Glycoprotein-Ligand Interactions”, *Biochemistry* 52, 7127-7136 (2013)

Pettibone, J.M., and Hudgens, J.W., “Gold Cluster Formation with Phosphine Ligands: Etching as a Size-Selective Synthetic Pathway for Small Clusters?”, *ACS Nano* 5 (11), 2989-3002 (2011)

Atkinson, D.B., Hudgens, J.W., and Orr-Ewing, A.J., “Kinetic Studies of Reactions of IO Radicals Determined by Cavity Ring-Down Spectroscopy”, *Journal of Physical Chemistry A* 103 (31), 6173-6180 (1999)



DAN A. NEUMANN

NBS/NIST: 1987-2026
INDUCTED: 2026

B: 1959, Winnetoon, Nebraska

EDUCATION:

Arizona State University, BS (Physics), 1981
University of Illinois at Urbana-Champaign, MS (Physics), 1982
University of Illinois at Urbana-Champaign, PhD (Physics), 1987

CITATION: For his outstanding contributions to neutron scattering, exceptional leadership in transforming the NCNR into a world-leading facility, and dedication to mentoring the next generation of scientists

POSITIONS HELD AT NBS/NIST:

Physicist, Reactor Radiation Division/NIST Center for Neutron Research (NCNR), Materials Science and Engineering Laboratory, 1987-2004
Leader, Structure and Dynamics of Materials Team, NCNR, 1997-2004
Leader, Neutron Condensed Matter Science Group, NCNR, 2005-2023
Director, Center for High Resolution Neutron Scattering, NCNR, 2006-2025
Senior Research Scientist, NCNR, 2022-2026
Associate Director for Science and Technology, NCNR, 2023-2026
Guest Researcher, NCNR, 2026 -

HONORS:

NIST Bronze Medal (1991)
U.S. Department of Commerce Silver Medal (1994)
Fellow, American Physical Society (2008) and Neutron Scattering Society of America (2010)
Clifford G. Shull Prize in Neutron Science, Neutron Scattering Society of America (2022)
NIST Distinguished Mentoring Award (2022)

MEMBERSHIPS:

Dozens of advisory and review committees for major research facilities around the world including neutron facilities at Oak Ridge National Laboratory, Los Alamos National Laboratory, Australian Nuclear Science and Technology Organisation, Canadian Neutron Beam Centre, Heinz Maier-Leibnitz Zentrum, European Spallation Source, Institut Laue-Langevin, Paul Scherrer Institut, and the Japan Proton Accelerator Research Complex

PUBLICATIONS:

More than 160 publications including:

Neumann, D.A., Copley, J.R.D., Cappelletti, R.L., Kamitakahara, W.A., Lindstrom, R.M., Creegan, K.M., Cox, D.M., Romanow, W.J., Coustel, N. McCauley Jr, J.P., Maliszewskyj, N.C., Fischer, J.E., and Smith III, A.B., "Coherent Quasielastic Neutron Scattering Study of the Rotational Dynamics of C₆₀ in the Orientationally Disordered Phase", *Phys. Rev. Lett.*, 67 (27) 3808-3811 (1991)
FitzGerald, S.A., Neumann, D.A., Rush, J.J., Bentz, D.P., and Livingston, R.A., "In situ Quasi-elastic Neutron Scattering Study of the Hydration of Tricalcium Silicate", *Chem. Materials* 10 (1) 397-402 (1998)
Tsai, A.M., Neumann, D.A., and Bell, L.N., "Molecular Dynamics of Solid-State Lysozyme as Affected by Glycerol and Water: A Neutron Scattering Study", *Biophysical Journal* 79 (5) 2728-2732 (2000)
Meyer, A., Dimeo, R.M., Gehring, P.M., and Neumann, D.A., "The High-flux Backscattering Spectrometer at the NIST Center for Neutron Research", *Rev. Sci. Instrum.* 74 2759-2777 (2003)
Dincă, M., Dailly, A., Liu, Y., Brown, C.M., Neumann, D., and Long, J.R., "Hydrogen Storage in a Microporous Metal-Organic Framework with Exposed Mn²⁺ Coordination Sites", *J. Am. Chem. Soc.* 128 (51) 16876-16883 (2006)



DALE E. NEWBURY

NBS/NIST: 1972-2023
INDUCTED: 2026

B: 1947, Danville, Pennsylvania

EDUCATION:

Lehigh University, BS (Metallurgy and Materials Science), 1969
Oxford University, DPhil (Metallurgy and Materials Science), 1972

CITATION: For distinguished leadership in electron-beam microanalysis and metallurgy, consistent innovation, accuracy and rigor in measurements, and for co-authoring the leading textbook in scanning electron microscopy since 1984

POSITIONS HELD AT NBS/NIST:

NAS/NRC Postdoctoral Research Associate, Metallurgy Division, Institute for Materials Research (IMR), 1972-1973

Research Metallurgist, Analytical Chemistry Division, IMR/Gas and Particulate Science Division, Center for Analytical Chemistry (CAC), National Measurement Laboratory (NML), 1973-1979

Leader, Microanalysis Research Group, Gas and Particulate Science Division, CAC, NML/Surface and Microanalysis Science Division, Chemical Science Technology Laboratory (CSTL), 1979-1994

NIST Fellow, Surface and Microanalysis Science Division, CSTL/Materials Measurement Science Division, Material Measurement Laboratory (MML), 1994-2023

Guest Researcher, Material Measurement Science Division, MML, 2023 -

HONORS:

AIME Robert Lansing Hardy Award (1973)

NBS Bronze Medal (1980)

U.S. Department of Commerce Silver Medal (1981)

Arthur S. Flemming Award (1986)

U.S. Department of Commerce Gold Medals (1986 and 2010)

Industrial Research 100 Award (1987)

NIST Edward Uhler Condon Award (1991); NIST Samuel Wesley Stratton Award (1994)

Fellow, Microscopy Society of America (2009) and Fellow, Microanalysis Society (2018)

MEMBERSHIPS:

Microscopy Society of America

Microanalysis Society

Phi Beta Kappa, Tau Beta Pi, Sigma Xi

PUBLICATIONS:

More than 340 publications including:

Joy, D.C., Newbury, D.E., and Davidson, D.L., "Electron Channeling Patterns in the Scanning Electron Microscope", *J. Appl. Phys.* 53 (8), 81-122 (1982)

Wollman, D.A., Irwin, K.D., Hilton, G.C., Dulcie, L.L., Newbury, D.E., and Martinis, J.M., "High-resolution, Energy-dispersive Microcalorimeter Spectrometer for X-ray Microanalysis", *Journal of Microscopy* 188 (3) 196-223 (1997)

Newbury, D.E., and Ritchie, N.W.M., "Is Scanning Electron Microscopy/energy Dispersive X-ray Spectrometry (SEM/EDS) Quantitative?", *SCANNING* 35 141-168 (2013)

Newbury, D.E., and Ritchie, N.W.M., "Performing Elemental Microanalysis with High Accuracy and High Precision by Scanning Electron Microscopy/Silicon Drift Detector Energy-Dispersive X-ray Spectrometry (SEM/SDD-EDS)", *Journal of Materials Science* 50 (2), 493-518 (2015)

Goldstein, J., Newbury, D.E., et al., *Scanning Electron Microscopy and X-ray Microanalysis*, 1st-4th editions, Springer (Plenum Press), New York and London (1984, 1992, 2003, 2018)



LONG T. PHAN

NBS/NIST: 1985-2025

INDUCTED: 2026

B: 1958, Saigon, Vietnam

EDUCATION:

Phu-Tho Polytechnic University of Saigon, BS (Civil Engineering), 1980

Washington University, MS (Civil Engineering), 1983

Washington University, PhD (Civil Engineering), 1988

CITATION: For his pioneering research on extreme hazards, which led to the adoption of the Enhanced Fujita scale and the first U.S. tornado-resistant design standards that fundamentally improved national building codes and structural resilience

POSITIONS HELD AT NBS/NIST:

Research Structural Engineer, Structures Division, Center for Building Technology, National Engineering Laboratory/Materials and Construction Research Division, Building and Fire Research Laboratory/Materials and Structural Systems Division, Engineering Laboratory (EL) 1985-2016

Leader, Structures Group, Materials and Structural Systems Division, EL, 2016-2025

Guest Researcher, Materials and Structural Systems Division, EL, 2025 -

HONORS:

NIST Bronze Medals (1990 and 2006)

US Army Corps of Engineers R&D Award (2002)

American Concrete Institute Wason Medal (2004)

U.S. Department of Commerce Silver Medals (2007 and 2022)

U.S. Department of Commerce Gold Medals (2014 and 2022)

Arthur J. Boase Award, American Concrete Institute (2019)

Fellow, American Concrete Institute (2010)

Samuel J. Heyman Service to America Medal; Science, Technology, and Environment Category (2024)

MEMBERSHIPS:

American Society of Civil Engineers

American Concrete Institute

RILEM (International Union of Laboratories and Experts in Construction Materials Systems, and Structures)

PUBLICATIONS:

More than 140 publications, including:

Phan, L.T., Lawson, J.R., and Davis, F.L., "Effects of Elevated Temperature Exposure on Heating Characteristics, Spalling, and Residual Properties of High Performance Concrete", *Mat. Struct.* 34, 83-91 (2001)

Mlakar, P.F., Dusenberry, D.O., Harris, J.R., Haynes, G., Phan, L.T., and Sozen, M.A., *The Pentagon Building Performance Report*, American Society of Civil Engineers (2003)

Phan, L.T., and Simiu, E., "Estimation of Risk for Design of Structures Exposed to Combined Effects of Hurricane Wind Speed and Storm Surge Hazards", ICASP11, *Applications of Statistics and Probability in Civil Engineering*, Faber, Köhler, and Nishijima (eds), Taylor & Francis Group, London, August (2011)

Kuligowski, E.D., Lombardo, F.T., Phan, L.T., Levitan, M.L., and Jorgensen, D.P., *Final Report, National Institute of Standards and Technology (NIST) Technical Investigation of the May 22, 2011, Tornado in Joplin, Missouri*, NIST National Construction Safety Team Act Report 3 (NCSTAR 3), March (2014)



KATHERINE EPLER SHARPLESS

NBS/NIST: 1986-2026

INDUCTED: 2026

B: 1962, Hershey, Pennsylvania

EDUCATION:

Hood College, BA (Chemistry), 1984

University of Maryland, PhD (Analytical Chemistry), 1989

CITATION: For sustained leadership in developing over 100 food and clinical Standard Reference Materials, chairing the NIST Editorial Review Board for 17 years, and architecting NIST's foundational Open Access research plan

POSITIONS HELD AT NBS/NIST:

Research Chemist, Inorganic Analytical Research Division, Center for Analytical Chemistry,

National Measurement Laboratory/Organic Analytical Research Division and Analytical

Chemistry Division, Chemical Science and Technology Laboratory (CSTL), 1986-2006

Scientific Assistant, Analytical Chemistry Division, CSTL, 2006-2010

Chair, NIST Editorial Review Board, 2007-2024

Research Chemist, Special Programs Office (SPO), 2010-2024

Open Access Officer, SPO, 2013-2024

Deputy Director and Acting Director, SPO, 2024-2026

HONORS:

NIST SRM Measurement Services Award (1995)

American Statistical Association W.J. Youden Award in Interlaboratory Testing (2000)

NIST Edward Bennett Rosa Award (2005)

AOAC Technical Division on Reference Materials Achievement Award (2007)

Fellow, AOAC International (2007)

NIST William P. Slichter Award (2015)

U.S. Department of Commerce Gold Medal (2017)

MEMBERSHIPS:

AOAC International

Department of Commerce Data Governance Board

Joint Committee for Traceability in Laboratory Medicine

National Science and Technology Council Subcommittee on Open Science

PUBLICATIONS:

More than 85 publications including:

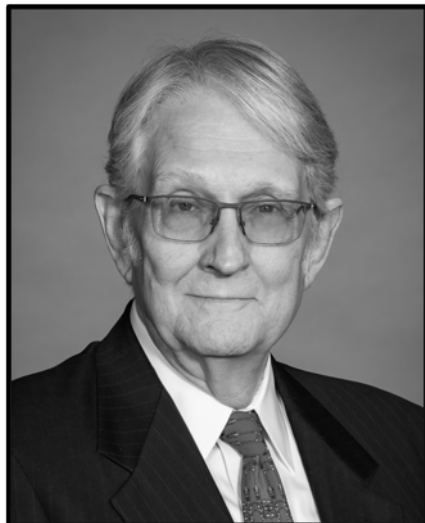
Epler, K.S., Sander, L.C., Ziegler, R.G., Wise, S.A., and Craft, N.E., "Evaluation of Reversed-Phase Liquid Chromatographic Columns for Recovery and Selectivity of Selected Carotenoids", *J. Chromatogr.* 595 (1-2), 89-101 (1992)

Sharpless, K.E., et al., "Filling the AOAC Triangle with Food-Matrix Standard Reference Materials", *Anal. Bioanal. Chem.* 378 (5), 1161-1167 (2004)

Sharpless, K.E., Lippa, K.A., Duewer, D.L., and Rukhin, A.L., *The ABCs of Using Standard Reference Materials in the Analysis of Foods and Dietary Supplements: A Practical Guide*, NIST SP 260-181r1 (2015)

Beauchamp, C.R., ... Sharpless, K.E., et al., *Metrological Tools for the Reference Materials and Reference Instruments of the NIST Material Measurement Laboratory*, NIST SP 260-136-2021 (2021)

Sharpless, K.E., et al., *The NIST Plan for Providing Public Access to Results of Federally Funded Research*, NIST IR 8084e2023 (2023)



JAMES R. WHETSTONE

NBS/NIST: 1972-2025
INDUCTED: 2026

B: 1943, San Angelo, Texas

EDUCATION:

The University of Texas at El Paso, BS (Physics and Mathematics),
1965
Vanderbilt University, PhD (Physics), 1972

CITATION: For excellence in research that improved the nation's measurement capabilities, development of national and international measurement standards, and leadership in research of global impact

POSITIONS HELD AT NBS/NIST:

Presidential Intern, Optical Physics Division, Institute for Basic Standards (IBS), 1972-1974
Physicist, Mechanics Division, (IBS), 1974-1978
Leader, Fluid Meters, Volume and Density Group, Fluid Engineering Division, Center for Mechanical Engineering and Process Technology/Chemical Process Metrology Division (CPMD), Center for Chemical Engineering, National Engineering Laboratory (NEL), 1978-1985
Leader, Process Sensing Group, CPMD, Center for Chemical Engineering, NEL/CPMD, Center for Chemical Technology, National Measurement Laboratory/Process Measurements Division, Chemical Science and Technology Laboratory (CSTL), 1986-1997
Associate Director, CSTL, 1997-2000
Chief, Process Measurements Division, CSTL, 2000-2009
Special Assistant to the Director, Greenhouse Gas Measurements Program, Special Programs Office, 2009-2025
Guest Researcher, Special Programs Office, 2025 -

HONORS:

NBS/NIST Bronze Medals (1982 and 2007)
U.S. Department of Commerce Silver Medal (1997)
NIST Judson C. French Award (2009)
U.S. Department of Commerce Gold Medal (2023)

MEMBERSHIPS:

American Physical Society and American Chemical Society
American Meteorological Society
American Geophysical Union

PUBLICATIONS:

More than 60 publications including:
Hall, A., and Whetstone, J.R., "The Temperature/Volume Relationships of Petroleum Products", *Symposium on Temperature Compensated Volumes in the Sale of Petroleum Products*, NBSIR 79-1776 (R) (1979)
Whetstone, J.R., Cleveland, W.G., Bateman, B.R., and Sindt, C.F., *Measurements of Coefficients of Discharge for Concentric Flange-Tapped Square-Edged Orifice Meters in Natural Gas Over the Reynolds Number Range 25,000 to 16,000,000*, NIST Technical Note 1270 (1989)
Meyer, C.W., Hodges, J.T., Hyland, R.W., Scace, G.E., Valencia-Rodriguez, J., and Whetstone, J.R., "The Second-Generation NIST Gravimetric Hygrometer", *Metrologia*, 47, 192 (2010)
Whetstone, J.R., "Advances in Urban Greenhouse Gas Flux Quantification: The Indianapolis Flux Experiment (INFLUX)", *Elementa: Science of the Anthropocene*, 6, 24 (2018)
Karion, A., Ghosh, S., Lopez-Coto, I., Mueller, K., Gourdji, S., Pitt, J., and Whetstone, J.R., "Methane Emissions Show Recent Decline but Strong Seasonality in Two US Northeastern Cities", *Env. Sci. & Tech.*, 57, 19565-19574 (2023)
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NIST Gallery of Distinguished Alumni - 2026

Name, Tenure, Year Inducted into Gallery

Abramowitz, Milton	1938-1958	1995
Achenbach, Paul R.	1937-1979	1995
Albus, James S.	1973-2008	2009
Alexander, Samuel N.	1946-1967	1988
Allan, David W.	1960-1992	1995
Appel, William D.	1922-1959	N/A
Arif, Muhammad	1988-2018	2019
Armstrong, George T.	1951-1982	2002
Bailey, Dana K.	1947-1955 & 1959-1965	2003
Ballou, Susan M.	2000-2020	2022
Barbrow, Louis E.	1921-1969	1988
Barnes, James A.	1957-1983	1995
Bates, Phaon H.	1910-1945	2006
Bates, Roger	1939-1969	1988
Baum, Howard	1975-2006	2007
Bay, Zoltan L.	1955-1972	2006
Beall, James A.	1982-2021	2022
Bean, Howard S.	1917-1958	2007
Beatty, Robert W.	1948-1974	2001
Beckett, Charles	1950-1976	N/A
Belecki, Norman B.	1970-1999	2020
Bennett, Herbert S.	1966-2015	2021
Bennett, John A.	1936-1976	1995
Bennett, Lawrence	1958-1996	2000
Bentz, Dale P.	1980-1987 & 1988-2018	2019
Berger, Martin J.	1952-1988	2001
Berger, Patricia W.	1976-1978 & 1979-1992	2006
Bergquist, James	1978-2013	2013
Bertocci, Ugo	1971-1992	2013
Birmingham, Bascom W.	1951-1982	1988
Birnbaum, George	1946-1956 & 1975-1995	2000
Blanch, Gertrude	1938-1954	2017
Blum, William	1909-1952	1988
Boettinger, William	1972-2011	2012
Brady, Edward L.	1963-1987	1988
Branstad, Dennis K.	1973-1994	2002
Brenner, Abner	1930-1971	1988
Brickwedde, Ferdinand G.	1925-1956	1988
Brode, Wallace R.	1923-1928 & 1947-1958	1988
Broida, Herbert P.	1949-1963	1988
Brombacher, William G.	1922-1954	1988
Brown, Frederick W.	1954-1962	1988

Name, Tenure, Year Inducted into Gallery

Buckingham, Edgar	1906-1937	2006
Bunten-Mines, Elaine	1968-1997	2010
Burrows, James H.	1979-1995	1999
Bushby, Steven T.	1979-1983 & 1986-2024	2026
Cage, Marvin E.	1976-2005	2014
Cahn, John W.	1977-2006	2007
Cali, J. Paul	1966-1978	1995
Cameron, Joseph M.	1947-1977	2002
Carpenter, B. Stephen	1964-2005	2007
Carpenter, Robert J.	1955-1992	1999
Carr, Kevin	1989-2005	2014
Carter, Robert S.	1958-1989	2003
Cassidy, Esther C.	1955-1997	1999
Caswell, Randall S.	1952-1994	1999
Cavanagh, Richard R.	1979-2019	2021
Celotta, Robert J.	1971-2017	2018
Cezairliyan, Ared	1963-1997	2015
Chapman, Robert E.	1975-2016	2018
Clark, Alan F.	1964-2004	2011
Clark, Charles W.	1981-1983 & 1984-2022	2023
Coblentz, William W.	1905-1944	1988
Collins, Belinda L.	1974-2012	2021
Colvin, Burton H.	1972-1991	2002
Cook, Richard K.	1935-1966 & 1971-1976	2006
Costrell, Louis	1946-1987	2006
Coursey, Bert M.	1972-2011	2016
Crittenden, Eugene C.	1909-1950	1988
Croarkin, M. Carroll	1955-1963 & 1973-2000	2013
Cullen, William C.	1948-1981	2002
Currie, Lloyd A.	1962-2000	2004
Curtis, Harvey L.	1907-1946	1988
Curtiss, John H.	1946-1953	1988
Curtiss, Leon F.	1926-1961	2003
Cutkosky, Robert D.	1955-1991	2015
Day, Gordon W.	1969-2003	2004
Dellinger, J. Howard	1907-1948	1988
Deprit, Andre	1979-2003	2007
Deslattes, Richard D.	1962-2001	2002
Diamond, Harry	1927-1948	1988
Didion, David A.	1960-1962 & 1971-2002	2007
Digges, Thomas G.	1920-1962	1998
DiMarzio, Edmund A.	1963-1998	2004

NIST Gallery of Distinguished Alumni - 2026

Name, Tenure, Year Inducted into Gallery

Dodson, Donna F.	1987-1999 & 2003-2020	2021
Domanski, Piotr A.	1983-2022	2023
Dorsey, N. Ernest	1903-1920 & 1928-1943	1988
Dowd, Ellen	1967-1973 & 1980-2006	2010
Driscoll, Raymond L.	1936-1971	2016
Drullinger, Robert E.	1972-2002	2025
Dryden, Hugh L.	1918-1947	1988
Dunfee, Bernadine	1943-1976	2002
Dunmore, Francis W.	1918-1949	1988
Dunn, Gordon	1961-2002	2010
Durst, Richard A.	1963-1990	2009
Dziuba, Ronald F.	1961-2000	2007
Eberhardt, Keith	1978-2000	2009
Eby, Ronald K.	1963-1984	2003
Edmonds, Jack R.	1959-1969	2014
Egelhoff, William F.	1979-2010	2011
Eisenhart, Churchill	1946-1983	1988
Ekin, John (Jack)	1973-2007	2013
Embree, Edward	1970-2005	2023
Engen, Glenn F.	1954-1986	2001
Evenson, Kenneth M.	1963-2001	2002
Fanney, A. Hunter	1977-2017	2018
Fano, Ugo	1946-1966	1988
Fickett, Frederick R.	1967-2003	2007
Fields, Richard J.	1977-2004	2009
Filla, B. James	1982-2021	2023
Filliben, James J.	1969-2022	2023
Fischer, Louis A.	1901-1921	1988
Fletcher, Donald G.	1951-1985	2002
Foote, Paul D.	1911-1927	1988
Franzen, Douglas L.	1970-1997	1999
Frederikse, Hans P. R.	1953-1996	2006
French, Judson C.	1948-1999	2001
Frohnsdorff, Geoffrey J.	1973-2002	2005
Furlani, Cita	1981-2012	2013
Furukawa, George T.	1948-1985	2003
Gadzuk, J. William	1968-2008	2009
Gann, Richard	1976-2012	2013
Gardner, Irvine C.	1921-1959	1988
Garner, Ernest L.	1958-2000	2021
Gary, Thomas A.	1962-2000	2005
Gayle, Frank W.	1988-2023	2026
Gebbie, Katharine B.	1968-2016	2016

Name, Tenure, Year Inducted into Gallery

Gibson, Kasson	1916-1955	N/A
Gilliland, Gary L.	1986-2005	2018
Glenn, K. Robert	1987-2020	2021
Glinka, Charles	1975-2007	2012
Goldberg, Robert N.	1969-2008	2016
Green, Melville	1954-1968	2010
Greenberg, Robert R.	1976-2008	2016
Greenspan, Martin	1935-1974	2000
Gross, John L.	1983-2016	2020
Guildner, Leslie A.	1959-1982	2016
Hall, John L.	1961-2004	2005
Haller, Wolfgang	1958-1984	2017
Hamer, Walter J.	1935-1970	1988
Hamilton, Clark A.	1971-1999	2004
Han, Charles C.	1974-2002	2004
Handwerker, Carol A.	1984-2005	2006
Harman, Donna K.	1988-2005	2015
Harman, George G.	1950-2003	2004
Harris, Forest K.	1925-1971	1988
Harris, Milton	1931-1944	1988
Harris, Richard E.	1975-2006	2008
Haynes, William M.	1970-2003	2005
Hayward, Evans	1950-1990	1995
Hayward, Raymond	1950-1986	N/A
Hebner, Robert E.	1972-1999	2004
Heinrich, Kurt F. J.	1964-1988	2008
Hermach, Francis L.	1939-1976	2001
Hertz, Harry S.	1973-2013	2014
Heydemann, Peter L. M.	1964-2001	2004
Heyl, Paul R.	1920-1942	1988
Heyman, Matthew	1978-2008	2010
Hill, James E.	1972-2007	2008
Hillebrand, William F.	1908-1925	1988
Hilsenrath, Joseph	1948-1974	2003
Hines, Verna Brown	1975-2006	2011
Hinman, Wilbur S.	1928-1953	1988
Hoer, Cletus A.	1956-1989	2001
Hoffman, James I.	1918-1962	1988
Hoffman, John D.	1954-1982	1988
Hord, Jesse L.	1961-1992	2003
Horlick, Jeffrey	1967-2006	2014
Horowitz, Emanuel	1951-1980	1988
Hougen, Jon T.	1967-2002	2003
Hudgens, Jeffrey W.	1984-2022	2026

NIST Gallery of Distinguished Alumni - 2026

Name, Tenure, Year Inducted into Gallery

Hudson, Ralph P.	1951-1980	1988
Huntoon, Robert D.	1941-1968	1988
Ingberg, Simon H.	1914-1947	1988
Isbell, Horace S.	1927-1968	1988
Itano, Wayne M.	1979-2009	2024
Jackson, Richard H.F.	1971-2000	2025
Jacox, Marilyn E.	1962-1995	2000
Jennings, Donald A.	1961-1991	2001
Jin, Deborah S.	1997-2016	2017
Johnson, Donald R.	1967-1993	2008
Johnson, Victor J.	1950-1972	1995
Jones, Sarah A.	1920-1966	1988
Judd, Deane B.	1927-1970	1988
Judson, Lewis V.	1917-1962	N/A
Julienne, Paul S.	1969-1973 & 1974-2013	2014
Kamper, Robert A.	1963-1994	1999
Kashiwagi, Takashi	1971-2001	2005
Katzke, Stuart	1975-1999 & 2001-2008	2013
Kautz, Richard	1976-1997	1999
Kayser, Jr., Richard F.	1976-2018	2019
Kelly, George E.	1970-2007	2016
Kerns, David M.	1946-1980	2001
Kessler, Karl G.	1948-1990	1999
Kim, Yong-Ki	1983-2006	2008
Kirby, Richard C.	1948-1950 & 1951-1965	2003
Kirsch, Russell A.	1951-1985	2006
Klebanoff, Philip S.	1941-1985	1995
Kline, Gordon M.	1929-1963	1988
Kline, Margaret C.	1985-2020	2021
Koch, H. William	1949-1966	1988
Kostkowski, Henry J.	1954-1981	2001
Kramer, Samuel	1970-1997	1999
Krauss, Morris	1955-2004	2004
Kruger, Jerome	1955-1984	1998
Ku, Hsien (Harry)	1959-1985	2002
Kurylo, Michael J.	1969-2003	2015
Kushner, Lawrence	1946-1973	1988
Kusuda, Tamami	1962-1986	1998
Kuyatt, Chris E.	1960-1998	1999
Lafferty, Walter J.	1961-1995	2014
Lanczos, Cornelius	1943-1944 & 1949-1952	2010
Landon, Harry H.	1958-1972	2003
Lange, Oscar G.	1902-1937	2017

Name, Tenure, Year Inducted into Gallery

Lawn, Brian	1982-2009	2012
Leiss, James E.	1954-1986	2007
Levelt Sengers, Johanna M. H.	1963-1995	2000
Lew, Hai S.	1968-2020	2022
Lias, Sharon G.	1956-2001	2005
Lide, Bettijoyce Breen	1969-2013	2018
Lide, David R.	1954-1988	1999
Lindstrom, Richard M.	1972-2007	2012
Lippiatt, Barbara C.	1977-2013	2015
Little, C. Gordon	1958-1965	2003
Lloyd, Frances L.	1977-1989	2009
Locascio, Laurie E.	1986-2017	2018
Long, Gabrielle G.	1965-1967 & 1980-2003	2014
Lovas, Francis J.	1970-2000	2015
Lowell, Percival D.	1913-1924 & 1941-1962	1988
Lozier, Daniel W.	1969-2019	2020
Lykke, Keith R.	1997-2016	2020
Lyons, Harold	1941-1955	1988
MacCrehan, William A.	1977-2022	2023
Madden, Robert	1961-1998	2000
Madey, Theodore E.	1963-1988	2003
Mandel, John	1947-2000	2002
Mann, Wilfred B.	1951-1980	1995
Marshall, Richard D.	1968-1996	2001
Martin, Michael L.	1995-2018	2023
Martin, William C.	1957-1998	2002
Martinis, John M.	1987-2004	2008
Marton, Ladislaus L.	1946-1970	1998
May, Willie E.	1971-2017	2017
McFadden, Geoffrey B.	1982-2021	2022
McLaughlin, William L.	1951-1996	2000
McMurdie, Howard F.	1928-1966	1998
McNish, Alvin G.	1920-1925 & 1946-1970	1988
McPherson, Archibald T.	1923-1965	1988
Meggers, William F.	1914-1958	1988
Meinke, W. Wayne	1963-1973	1988
Menzer, James P.	1954-1976	1999
Meyerson, Melvin R.	1946-1978	2001
Miller, Janet B.	1969-1981 & 1988-2007	2017
Milligan, Dolphus E.	1963-1973	1988
Mohler, Fred L.	1917-1960	1988
Moldover, Michael R.	1972-2019	2020
Moore, Robert F.	1973-2007	2008

NIST Gallery of Distinguished Alumni - 2026

Name, Tenure, Year Inducted into Gallery

Morrison, Graham	1979-1993	2016
Mountain, Raymond D.	1963-2008	2018
Muchlhaue, Carl O.	1958-1982	2003
Murphy, Thomas J.	1946-1986	2003
Natrella, Mary G.	1950-1987	1998
Nelson, Harold E.	1975-1992	2001
Neumann, Dan A.	1987-2026	2026
Newbury, Dale E.	1972-2023	2026
Nigro, James P.	1947-1974	1999
Nyyssonen, Diana	1969-1985	2008
O'Brian, Thomas R.	1991-2019	2022
Odishaw, Hugh G.	1946-1953	1988
Ohlemiller, Thomas J.	1979-2008	2011
Olien, Neil	1961-1991	2007
Olsen, Paul Thomas	1963-1994	2012
Olver, Frank W. J.	1961-1986	2011
Ott, William R.	1968-2011	2019
Paffenbarger, George C.	1929-1941 & 1946-1984	1988
Page, Chester H.	1941-1974	1988
Parr, Albert C.	1980-2007	2011
Parsons, Douglas E.	1923-1963	1988
Passaglia, Elio	1961-1987	1988
Peiser, H. Steffen	1957-1989	2009
Persily, Andrew K.	1982-2024	2024
Petersons, Oskars	1968-1994	2000
Pfrang, Edward O.	1966-1983	1995
Phan, Long T.	1985-2025	2026
Pierce, Daniel T.	1975-2007	2008
Plyler, Earle K.	1945-1963	1998
Polk, W. Timothy	1982-2018	2021
Porter, Gail J.	1978-1981 & 1991-2020	2022
Powell, Cedric	1962-2006	2010
Prather, Denise D.	1970-2021	2022
Priest, Irwin G.	1907-1932	N/A
Rabinow, Jacob	1934-1953 & 1972-1989	1988
Raby, Tawfik M.	1968-2009	2009
Radebaugh, Ray	1966-2009	2010
Reader, Joseph	1963-2014	2016
Reed, Richard P.	1956-1990	1995
Reimann, Curt	1962-1995	1999
Rice, Kirk D.	1998-2019	2023
Roberts, James R.	1964-1999	2003
Robertson, Alexander F.	1950-1981	1999

Name, Tenure, Year Inducted into Gallery

Rochford, Kent B.	1992-2000 & 2002-2012 & 2014-2018	2024
Romanoff, Melvin	1937-1970	1995
Rosa, Edward B.	1901-1921	1988
Rosasco, Gregory J.	1969-2000 & 2002-2006	2025
Rosenberg, Samuel J.	1920-1964	1998
Rosenblatt, Joan	1955-1995	2000
Rosenstock, Henry	1960-1982	N/A
Rossini, Frederick D.	1928-1950	1988
Roth, Robert S.	1951-1991	2000
Rowe, J. Michael	1973-2004	2006
Rubin, Michael Rogers	1988-2009	2011
Ruegg, Rosalie T.	1970-2000	2005
Rumble, John R.	1980-2004	2017
Rush, John J.	1962-2004	2006
Saunders, Mary H.	1993-2008 & 2011-2017	2020
Saylor, Charles P.	1931-1968	1988
Schaffer, Robert	1950-1988	2001
Schiller, Susannah B.	1987-2020	2025
Schooley, James	1960-1990	2010
Schoonover, Irl C.	1928-1930 & 1935-1969	1988
Schubauer, Galen B.	1929-1968	1995
Schwartz, Lyle	1984-1997	2010
Scott, Russell B.	1928-1965	1988
Scribner, Bourdon F.	1927-1973	2018
Seltzer, Stephen	1962-2010	2012
Semerjian, Hratch G.	1977-2007	2008
Shaffer, Sharon A.	1971-2006	2019
Sharpless, Katherine Epler	1986-2026	2026
Shull, Robert D.	1979-2018	2021
Silsbee, Francis B.	1911-1959	1988
Simiu, Emil	1971-2022	2024
Simpson, John A.	1948-1993	1999
Sitterly, Charlotte E. Moore	1945-1968	1988
Skillington, Jr., James	1960-1977	1999
Smid, Miles E.	1978-1999	2005
Smith, Annie J.	1989-2018	2025
Smith, Ernest K.	1951-1965	2003
Snell, Jack E.	1971-2003	2005
Sniegowski, Lorna T.	1954-1965 & 1974-2004	2023
Snyder, Wilbert F.	1927-1969	1995
Sorrows, Howard E.	1941-1952 & 1956-1987	1988

NIST Gallery of Distinguished Alumni - 2026

Name, Tenure, Year Inducted into Gallery

Souder, Wilmer	1910-1913 & 1917-1954	1988
Stegun, Irene A.	1943-1983	1995
Stephenson, John C.	1971-2005	2009
Stiehler, Robert D.	1946-1981	2002
Stimson, Harold F.	1916-1960	1988
Stranick, Stephan J.	1996-2024	2025
Sugar, Jack	1960-1995	2017
Sullivan, Donald B.	1967-2003	2004
Sullivan, Francis E.	1982-1993	2017
Talbott, Terri	1972-2011	2012
Taussky-Todd, Olga	1947-1957	2002
Taylor, Barry N.	1970-2001	2003
Taylor, John K.	1929-1986	1988
Taylor, Lauriston S.	1927-1964	1988
Teague, E. Clayton	1972-2011	2015
Teal, Gordon K.	1965-1967	N/A
Thomas, James L.	1927-1962	2003
Thomas, Richard N.	1957-1973	2011
Thomson, Robb	1971-1995	2000
Tilford, Charles R.	1970-2000	2014
Tilley, W. Reeves	1946-1980	1995
Todd, John	1947-1957	2002
Tsang, Wing	1962-2013	2019
Tuckerman, Louis B.	1919-1949	1988
Twilley, William H.	1978-2004	2025
Unguris, John	1980-2018	2022
Uriano, George A.	1961-1995	1999
Van Brunt, Richard J.	1978-1996	2003
Vinal, George W.	1904-1950	1988
Voorhees, Ellen M.	1996-2023	2024

Name, Tenure, Year Inducted into Gallery

Vorburger, Theodore V.	1972-2009	2025
Wachtman, Jr., John. B.	1951-1983	1988
Waidner, Charles W.	1901-1922	N/A
Wait, James R.	1955-1980	1995
Walleigh, Robert. S.	1943-1953 & 1957-1978	1988
Washburn, Edward W.	1926-1934	1988
Watters, Jr., Robert L.	1976-2016	2019
Wegstein, Joseph H.	1951-1984	1995
West, E. Dale	1948-1974	2002
Whetstone, James R.	1972-2025	2026
Wichers, Edward	1917-1963	1988
Wiederhorn, Sheldon	1963-2008	2011
Wiese, Wolfgang L.	1960-2004	2005
Wildhack, William A.	1935-1969	1988
Willenbrock, F. Karl	1970-1976	N/A
Williams, Edwin Ross	1971-2008	2011
Wilson, Charles L.	1979-2006	2019
Wineland, David J.	1975-2017	2019
Wolff, Frank A.	1901-1941	1988
Wright, James R.	1960-1985	1999
Wright, Richard N.	1971-1999	2002
Wu, Wen-li	1979-2013	2013
Yates, Jr., John T.	1963-1982	2003
Youden, William J.	1948-1965	1988
Young, Russell D.	1961-1981	1988
Zeisler, Rolf L.	1978-1991 & 1996-2009	2018
Zimmerman, James E.	1970-1985	2001

N/A = not available



Portrait Gallery Hallway

