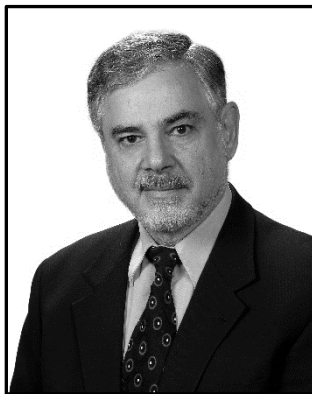


NIST Gallery of Distinguished Alumni



Celebrating Our 2024 Honorees

October 17, 2024



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 Five Honorees to the Gallery

**Thursday, October 17, 2024
In-Person and Virtual Ceremony**

10:30 am – Noon (EDT); 8:30 am – 10:00 am (CDT)

Arranged by
STANDARDS ALUMNI ASSOCIATION



**Bettijoyce Lide, 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 382 portraits line both walls of the corridor. In addition, digital kiosks that contain all the portraits and biographies have been installed in both Gaithersburg and Boulder and are available for use by both staff and visitors. 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 2024

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, Norman Belecki, and Richard M. Lindstrom

2024 Jury

Cita Furlani
John Gross
Donna Harman
Harry Hertz (non-voting)

Matthew Heyman
Richard Kayser
Bettijoyce Lide (non-voting)
John Lowe

Curt Reimann
Noël Raufaste
Barbara Uglik (non-voting)
Robert Watters

PROGRAM

Opening Comments Bettijoyce Lide, President, SAA

Welcoming Remarks Laurie Locascio, Director, NIST

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

Itano, Wayne M. PML Years at NBS/NIST: 1979-2009

For broad and impactful contributions to atomic physics, including seminal studies on fundamental limits to laser cooling, the blackbody radiation shift in atomic clocks, and quantum projection noise

Persily, Andrew K. EL Years at NBS/NIST: 1982-2024

For technical leadership in the fields of building energy-use and indoor environmental performance that reduce energy use and improve occupant health

Rochford, Kent B. OD Years at NBS/NIST: 1992-2000;
2002-2012; 2014-2018

For critical leadership to advance NIST’s measurement science mission and achieve exemplary outcomes in challenging assignments related to new technical programs, safety, and security management

Simiu, Emil EL Years at NBS/NIST: 1971-2022

For outstanding technical leadership in developing innovative solutions and standards in wind engineering for improved design and construction practices, leading to resilient, safe, and cost-effective structures

Voorhees, Ellen M. ITL Years at NBS/NIST: 1996-2023

For profound and sustained impact on the direction of information retrieval, information access, and search technology research and development

Closing Remarks and Acknowledgments Harry Hertz and Bettijoyce Lide



WAYNE M. ITANO

NBS/NIST Boulder: 1979-2009
INDUCTED: 2024

B: 1951, Pasadena, California

EDUCATION:

Yale University, BS (Physics), 1973
Harvard University, PhD (Physics), 1979

CITATION: For broad and impactful contributions to atomic physics, including seminal studies on fundamental limits to laser cooling, the blackbody radiation shift in atomic clocks, and quantum projection noise

POSITIONS HELD AT NBS/NIST:

Physicist, Ion Storage Group, Time and Frequency Division, National Measurement Laboratory/Physics Laboratory (PL), 1979-2009

Scientist Emeritus, Time and Frequency Division, PL/Physical Measurement Laboratory, 2009-Present

HONORS:

U.S. Department of Commerce Gold Medal (1985)

NIST Samuel Wesley Stratton Award (1989)

Fellow, American Physical Society (1990)

Science and Technology Agency Fellow, Communications Research Laboratory, Tokyo (1990)

American Physical Society Outstanding Referee (2009)

Visiting Fellow, University of New South Wales, Sydney (2009)

Guest Researcher, National Institute of Information and Communications Technology, Tokyo (2009)

Visiting Researcher, University of Auckland (2009)

MEMBERSHIPS:

American Physical Society

Optica

PUBLICATIONS:

More than 300 publications including:

Wineland, D.J., and Itano, W.M., "Laser Cooling of Atoms", *Phys. Rev. A* 20, 1521-1540 (1979)

Itano, W.M., Lewis, L.L., and Wineland, D.J., "Shift of $^2S_{1/2}$ Hyperfine Splittings Due to Blackbody Radiation", *Phys. Rev. A* 25, 1233-1235 (1982)

Bergquist, J.C., Hulet, R.G., Itano, W.M., and Wineland, D.J., "Observations of Quantum Jumps in a Single Atom", *Phys. Rev. Lett.* 57, 1699-1702 (1986)

Itano, W.M., Heinzen, D.J., Bollinger, J.J., and Wineland, D.J. "Quantum Zeno Effect", *Phys. Rev. A* 41, 2295-2300 (1990)

Itano, W.M., et al., "Quantum Projection Noise: Population Fluctuations in Two-level Systems", *Phys. Rev. A* 47, 3554-3570 (1993)

Itano, W.M., et al., "Complementarity and Young's Interference Fringes from Two Atoms", *Phys. Rev. A* 57, 4176-4187 (1998)



ANDREW K. PERSILY

NBS/NIST: 1982-2024

INDUCTED: 2024

B: 1954, Chicago, Illinois

EDUCATION:

Beloit College, BA (Physics, Mathematics & Elementary Teaching),
1976

Princeton University, MA (Mechanical and Aerospace Engineering),
1979

Princeton University, PhD (Mechanical and Aerospace Engineering),
1982

CITATION: For technical leadership in the fields of building energy-use and indoor environmental performance that reduce energy use and improve building occupant health

POSITIONS HELD AT NBS/NIST:

NAS/NRC Postdoctoral Research Associate, Center for Building Technology (CBT), National Engineering Laboratory (NEL), 1982-1983

Mechanical Engineer, Indoor Air Quality and Ventilation Group, Building Physics Division/Building Environment Division, CBT, NEL 1983-1990

Leader, Indoor Air Quality and Ventilation Group, Building Environment Division, Building and Fire Research Laboratory/Energy and Environment Division, Engineering Laboratory (EL) 1990-2015

Chief, Building Energy and Environment Division, EL, 2015-2021

NIST Fellow, Building Energy and Environment Division, EL, 2021-2024

HONORS:

NIST Bronze Medal (1989)

Fellow: International Society of Indoor Air Quality and Climate (2002); ASTM (2002); and ASHRAE (2004)

ASTM Award of Merit (2002)

ASHRAE Standards Achievement Award (2003), Distinguished Service Award (2006), Exceptional Service Award (2009), and Environmental Health Award (2010)

U.S. Department of Commerce Silver Medal (2008)

Washington Academy of Sciences: Excellence in Research in Engineering Sciences Award (2018)

U.S. Department of Commerce Gold Medal (2020)

NIST Edward Bennett Rosa Award (2020) and NIST Safety Award (2021)

MEMBERSHIPS:

American Society of Heating, Refrigerating and Air-Conditioning Engineers

ASTM International

International Society of Indoor Air Quality and Climate

PUBLICATIONS:

More than 300 publications including:

Persily, A.K., "Evaluating Building IAQ and Ventilation with Indoor Carbon Dioxide", *ASHRAE Transactions*, 103, Part 2 (1997)

Persily, A.K., et al., "Modeled Infiltration Rate Distributions for U.S. Housing", *Indoor Air* 20 (6): 473-485 (2010)

Persily, A.K., and Emmerich, S.J., "Indoor Air Quality in Sustainable, Energy Efficient Buildings", *HVAC&R Research* 18: 4-20 (2012)

Persily, A.K., "Field Measurement of Ventilation Rates", *Indoor Air* 26 (1): 97-111 (2016)

Persily, A.K., "Challenges in Developing Ventilation and Indoor Air Quality Standards: The Story of ASHRAE Standard 62", *Building and Environment* 91: 61-69 (2015)

Persily, A.K., and de Jonge, L., "Carbon Dioxide Generation Rates for Building Occupants", *Indoor Air* 27 (5): 868-879 (2017)



KENT B. ROCHFORD

**NBS/NIST Boulder/Gaithersburg:
1992-2000, 2002-2012, 2014-2018
INDUCTED: 2024**

B: 1960, Phoenix, Arizona

EDUCATION:

Arizona State University, BS, (Electrical Engineering), 1982
University of Arizona, MS, (Optical Sciences), 1987
University of Arizona, PhD, (Optical Sciences), 1990
University of Colorado, MBA, 2006

CITATION: For critical leadership to advance NIST's measurement science mission and advance exemplary outcomes in challenging assignments related to new technical programs, safety, and security management

POSITIONS HELD AT NBS/NIST:

Electronics Engineer, Electromagnetic Technology Division/Optoelectronics Division, Electronics and Electrical Engineering Laboratory (EEEL), 1992-1997
Project Leader, Optoelectronics Division, EEEL, 1997-2000
Senior Scientist, Optoelectronics Division, EEEL, 2002
Chief, Optoelectronics Division, EEEL, 2003-2008
Acting Director, Electronics and Electrical Engineering Laboratory, 2008-2010
Chief, Quantum Electronics and Photonics Division, Physical Measurement Laboratory, 2010-2012
Director, NIST-Boulder Laboratories 2014-2016; (acting 2008-2012)
Founding Director, Communications Technology Laboratory, 2014-2016
Associate Director for Laboratory Programs/Principal Deputy, 2016-2018
Acting Under Secretary of Commerce for Standards and Technology & acting NIST Director, 2017

HONORS:

NIST Bronze Medal (1998)
NIST Building Tomorrow's Workplace Award (2004)
U.S. Department of Commerce Silver Medal (2012)
Fellow: Optical Society of America (2019) and Chinese Optical Society (2019)
University of Arizona Alumnus of the Year (2024)

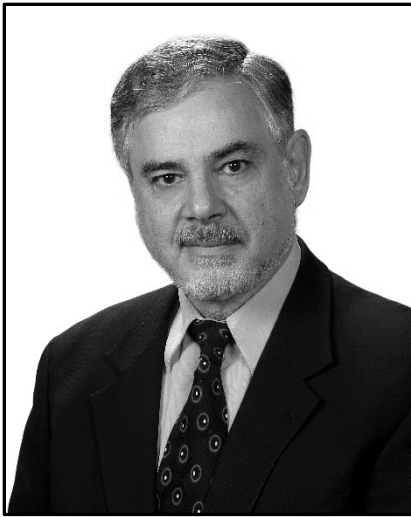
MEMBERSHIPS:

SPiE, the international society for optics and photonics
Committee on Technical Assessment of the Capital Facility Needs of the National Institute of Standards and Technology, National Academies of Sciences, Engineering, and Medicine (2023)
Institute of Electrical and Electronics Engineers (IEEE)

PUBLICATIONS:

More than 85 publications including:

Rochford, K.B., Rose, A.H., Deeter, M.N., and Day, G.W., "Faraday Effect Current Sensor with Improved Sensitivity-bandwidth Product", *Optics Letters* 19, 1903-1905 (1994)
Rochford, K.B., and Dyer, S.D., "Demultiplexing of Interferometrically Interrogated Fiber Bragg Grating Sensors Using Hilbert Transform Processing", *J. Lightwave Technology* 17 831-836 (1999)
Rochford, K.B., and Wang, C.M., "Accurate Interferometric Retardance Measurements", *Applied Optics* 36, 6473-6479 (1997)
Dyer, S.D., and Rochford, K.B., "Low-coherence Interferometric Measurements of the Dispersion of Multiple Fiber Bragg Gratings", *IEEE Phot. Tech. Lett.* 13, 230-232 (2001)
Rose, A.H., Etzel, S.M., and Rochford, K.B., "Optical Fiber Current Sensors in High Electric Field Environments", *J. Lightwave Technology* 17, 1042-1048 (1999)



EMIL SIMIU

NBS/NIST: 1971-2022

INDUCTED: 2024

B: 1934, Bucharest, Romania

EDUCATION:

Bucharest Construction Institute, BS (Structural Engineering),
1956

Brooklyn Polytechnic University, MS (Applied Mechanics),
1968

Princeton University, PhD (Civil Engineering), 1971

CITATION: For outstanding technical leadership in developing innovative solutions and standards in wind engineering for improved design and construction practices, leading to resilient, safe, and cost-effective structures

POSITIONS HELD AT NBS/NIST:

NAS/NRC Postdoctoral Research Associate, Building Research Division, Institute for Applied Technology (IAT), 1971-1973

Research Engineer, Center for Building Technology, IAT/National Engineering Laboratory (NEL), 1973-1988

NIST Fellow, NEL/Building and Fire Research Laboratory/Engineering Laboratory, 1988-2022

HONORS:

American Society of Professional Engineers, U.S. Federal Engineer of the Year Award (1984)

U.S. Department of Commerce Gold Medals (1989, 2005, and 2018)

ASCE Inaugural Robert H. Scanlan Medal (2003)

NIST Bronze Medal (2006)

Japan Association for Wind Engineering Prize (2006)

Dynastic Order of the Crown of Romania (2015)

Fellow, American Society of Civil Engineers

MEMBERSHIPS:

American Society of Civil Engineers

American Nuclear Society Standard Committee ANSI/ANS-2.3

Licensed Professional Engineer, State of New York

PUBLICATIONS:

More than 415 publications and multiple technical books including:

Simiu, E., *Chaotic Transitions in Deterministic and Stochastic Dynamical Systems: Applications of Melnikov Processes in Engineering, Physics, and Neuroscience*, Princeton Univ. Press., Applied Mathematics Series (2002)

Simiu, E., and Miyata, T., *Design of Buildings and Bridges for Wind: A Practical Guide for ASCE-7 Standard Users and Designers of Special Structures*, John Wiley & Sons Inc. (2006)

Simiu, E. and Yeo, D., *Wind Effects on Structures: Modern Structural Design for Wind*, John Wiley & Sons Ltd. (2019)

Simiu, E., "Aeroelasticity in Civil Engineering", *A Modern Course in Aeroelasticity*, Springer International Publishing, 279-344, (2021)



ELLEN M. VOORHEES

NBS/NIST: 1996-2023

INDUCTED: 2024

B: 1958, Bensalem Township, Pennsylvania

EDUCATION:

Pennsylvania State University, BS (Computer Science), 1979

Cornell University, MS (Computer Science), 1982

Cornell University, PhD (Computer Science), 1985

CITATION: For profound and sustained impact on the direction of information retrieval, information access, and search technology research and development

POSITIONS HELD AT NBS/NIST:

Computer Scientist, Information Access and User Interfaces Division, Computer Systems

Laboratory/Information Access Division, Information Technology Laboratory (ITL), 1996-2005

Leader, Retrieval Group, Information Access Division, ITL, 2005-2011

Computer Scientist, Information Access Division, ITL, 2011-2021

NIST Fellow, Information Access Division, ITL 2021-2023

HONORS:

NIST Bronze Medal (2006)

Fellow, Washington Academy of Sciences, and Award for Computer Science (2016)

Fellow, Association for Computing Machinery (2018), ACM Gerald Salton Award (2024)

Bensalem High School Distinguished Alumna (2020)

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

U.S. Department of Commerce Ron Brown Excellence in Innovation Award (2021)

Honorary Doctor of Science, University of Glasgow (2023)

MEMBERSHIPS:

Association for Computing Machinery (ACM)

ACM Special Interest Group on Information Retrieval (SIGIR) Academy

Association for the Advancement of Artificial Intelligence

Association for Computational Linguistics

Washington Academy of Sciences

PUBLICATIONS:

More than 50 publications and three patents including:

Wolfson, C.D., Brehm, F.W., Flatley, M.M., and Voorhees, E.M., *Method and Apparatus for Executing a Program in a Heterogeneous Multiple Computer System*, U.S. Patent 5,126,932 (1992)

Voorhees, E.M., and Gupta, N.K., *Facilitating World Wide Web Searches Utilizing a Multiple Search Engine Query Clustering Fusion Strategy*, U.S. Patent 5,864,845 (1999)

Voorhees, E.M., and Gupta, N.K., *Method for Facilitating World Wide Web Searches Utilizing a Document Distribution Fusion Strategy*, U.S. Patent 5,864,846 (1999)

Voorhees, E.M., "Variations in Relevance Judgments and the Measurement of Retrieval Effectiveness", *Information Processing and Management* 36 (5) 697-716 (2000)

Voorhees, E.M., "The TREC Question Answering Track", *Natural Language Engineering* 7 (4) 361-378 (2001)

Buckley, C., and Voorhees, E.M., "Retrieval Evaluation with Incomplete Information", *Proceedings of the 27th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval*, 25-32 (2004)

NIST Gallery of Distinguished Alumni - 2024

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
Berquist, 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
Buckingham, Edgar	1906-1937	2006
Bunten-Mines, Elaine	1968-1997	2010
Burrows, James H.	1979-1995	1999
Cage, Marvin E.	1976-2005	2014
Cahn, John W.	1977-2006	2007

Name, Tenure, Year Inducted into Gallery

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
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
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

NIST Gallery of Distinguished Alumni - 2024

Name, Tenure, Year Inducted into Gallery

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
Gebbie, Katharine B.	1968-2016	2016
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

Name, Tenure, Year Inducted into Gallery

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
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
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

NIST Gallery of Distinguished Alumni - 2024

Name, Tenure, Year Inducted into Gallery

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
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

Name, Tenure, Year Inducted into Gallery

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
Morrison, Graham	1979-1993	2016
Mountain, Raymond D.	1963-2008	2018
Muehlhause, Carl O.	1958-1982	2003
Murphy, Thomas J.	1946-1986	2003
Natrella, Mary G.	1950-1987	1998
Nelson, Harold E.	1975-1992	2001
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
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

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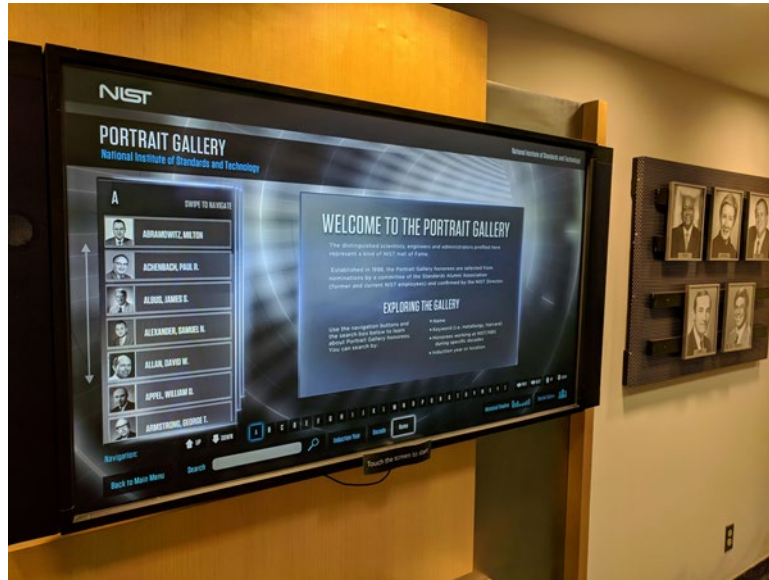
Name, Tenure, Year Inducted into Gallery

Reimann, Curt	1962-1995	1999
Rice, Kirk D.	1998-2019	2023
Roberts, James R.	1964-1999	2003
Robertson, Alexander F.	1950-1981	1999
Rochford, Kent B.	1992-2000 & 2002-2012 & 2014-2018	2024
Romanoff, Melvin	1937-1970	1995
Rosa, Edward B.	1901-1921	1988
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
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
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, 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
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

Name, Tenure, Year Inducted into Gallery

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
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
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
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



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