
APPENDIX G

SCIENTIFIC AWARDS GIVEN BY THE DEPARTMENT OF COMMERCE AND NIST TO STAFF MEMBERS, 1994-2009

The Gold Medal, established in 1949, is the highest honorary award granted by the Secretary for distinguished performance characterized by extraordinary, notable, or prestigious contributions that impact the mission of the Department and/or one operating unit, and that reflects favorably on the Department.

The Allen V. Astin Measurement Science Award, first presented in 1984, is granted for outstanding achievement in the advancement of measurement science or in the delivery of measurement services developed within NIST, in cooperation with other Government agencies or private groups, or in cooperation with international metrology organizations.

The Edward Uhler Condon Award, first presented in 1974, is granted for distinguished achievement in effective written exposition in science or technology. The paper, or series of papers, must represent substantial scientific, technical, or technological merit. The award recognizes the organization and clarity of style that achieve unusually effective exposition and broad treatment of a specific subject area and appeal to readers with a wide range of scientific or technical interests.

The Jacob Rabinow Applied Research Award, first presented in 1975, is granted for outstanding achievements in the practical application of the results of scientific engineering research.

The Edward Bennet Rosa Award, established in 1964, is granted for outstanding achievement in or contributions to the development of meaningful and significant engineering, scientific, or documentary standards, either within NIST, or in cooperation with other Government agencies or private groups, or in cooperation with international standards organizations.

The William P. Slichter Award, first presented in 1992, is granted for outstanding achievements by NIST staff in building or strengthening ties between NIST and industry.

The Samuel Wesley Stratton Award, first presented in 1962, is granted for outstanding scientific or engineering achievements in support of NIST objectives. It is customarily associated with distinguished publications in professional journals.

This Appendix lists only awards for scientific achievement. Awards granted for administrative excellence or for other accomplishments are not included in this appendix.

1994

Gold Medal Awards—

James E. Hill, Miles E. Smid, Jack Sugar

Group: Theodore D. Doiron, Timothy J. Drapela, Paul D. Hale, Steven E. Mechels, Matt Young

Allen V. Astin Measurement Science Award—

Group: George W. Burns, Margaret G. Kaeser, Gregory F. Strouse, M. Carroll Croarkin, William F. Guthrie

Edward Uhler Condon Award—

Charles M. Beck II

Jacob Rabinow Applied Research Award—

Group: Herbert T. Bandy, Bradley N. Damazo, M. Alkan Donmez, David E. Gilsinn, Mahn H. Hahn, Kari K. Harper, Michael D. Kennedy, Neil D. Wilkin, Wendy A. Wyatt, Kenneth W. Yee

Edward Bennett Rosa Award—

David C. Stieren

William P. Slichter Award—
Robert I. Scace

Samuel Wesley Stratton Award—
Richard D. Leapman, Dale E. Newbury

1995

Gold Medal Awards—
Donald L. Hunston, Michael R. Rubin, Hratch G. Semerjian, Donald B. Sullivan, Charles R. Tilford
Group: Jau Shi Jun, John A. Kramer, William B. Penzes, Fredric E. Scire, E. Clayton Teague, John S. Villarrubia

Allen V. Astin Measurement Science Award—
E. Clayton Teague

Edward Uhler Condon Award—
David J. Nesbitt

Jacob Rabinow Applied Research Award—
Stephen E. Stein

Edward Bennett Rosa Award—
Group: William D. Dorko, Franklin R. Guenther

William P. Slichter Award—
Group: David A. Didion, Piotr A. Domanski, Mark A. Kedzierski

Samuel Wesley Stratton Award—
Eric A. Cornell

1996

Gold Medal Awards—
Eric A. Cornell, Allen C. Newell, Lyle H. Schwartz
Group: Technology Services, Chief Counsel Office for Technology Administration, Office of the Assistant Secretary for Export Enforcement, Office of the Assistant Commissioner for Trademarks

Allen V. Astin Measurement Science Award—
Group: Eric B. Steel, Shirley Turner, Jennifer R. Verkouteren, Eric S. Windsor

Edward Uhler Condon Award—
None

Jacob Rabinow Applied Research Award—
Allen R. Hefner, Jr.

Edward Bennett Rosa Award—
Group: Walter S. Liggett, Jr., Samuel R. Row III, David J. Pitchure, Jun Feng Song, Theodore V. Vorburger

William P. Slichter Award—
Steven T. Bushby

Samuel Wesley Stratton Award—
John M. Martinis

1997

Gold Medal Awards—
Kevin M. Carr, Robert E. Hebner, Ernest G. Kessler, Rance A. Velapoldi
Group: Reactor Operations and Engineering Group

Allen V. Astin Measurement Science Award—
Billy W. Mangum

Edward Uhler Condon Award—
Richard L. Kautz

Jacob Rabinow Applied Research Award—
Nelson N. Hsu

Edward Bennett Rosa Award—
George W. Burns

William P. Slichter Award—
Group: Anthony Bur, Kalman Migler, Francis Wang

Samuel Wesley Stratton Award—
Wen-Li Wu

1998

Gold Medal Awards—
B. Stephen Carpenter, Harry S. Hertz, Lura J. Powell, Rosalie T. Ruegg, Paul S. Julienne
Group: Gene C. Hilton, Kent D. Irwin, John M. Martinis, David A. Wollman

Allen V. Astin Measurement Science Award—
Judah Levine

Edward Uhler Condon Award—
None

Jacob Rabinow Applied Research Award—
Group: Gene C. Hilton, Kent D. Irwin, John M. Martinis, David A. Wollman

Edward Bennett Rosa Award—
Group: Edgar G. Erber, Dennis S. Everett, Howard H. Harary

William P. Slichter Award—
Group: W. Gary Mallard, Stephen E. Stein

Samuel Wesley Stratton Award—
William F. Egelhoff, Jr.

1999

Gold Medal Awards—

William J. Boettinger

Group: Charles J. Glinka, Charles F. Majkrzak

Allen V. Astin Measurement Science Award—

Group: Nile M. Oldham, Mark E. Parker, Robert J. Densock, Raymond M. Hoffman, Richard D. Schneeman

Edward Uhler Condon Award—

John R. D. Copley

Jacob Rabinow Applied Research Award—

Group: Ronald G. Dixson, Joseph N. Fu

Edward Bennett Rosa Award—

Fred L. Walls

William P. Slichter Award—

Mark O. McLinden

Samuel Wesley Stratton Award—

Group: David B. Newell, Richard L. Steiner, Edwin R. Williams

2000

Gold Medal Awards—

Takashi Kashiwagi

Group: Victor R. McCrary, John W. Roberts

Allen V. Astin Measurement Science Award—

John L. Hall

Edward Uhler Condon Award—

Group: Ali Eichenberger, Mark W. Keller, John M. Martinis, Neil M. Zimmerman

Jacob Rabinow Applied Research Award—

Group: Edwin R. Fuller, Jr., Andrew R. Roosen, Stephen A. Langer

Edward Bennett Rosa Award—

Belinda L. Collins

William P. Slichter Award—

Fernando L. Podio

Samuel Wesley Stratton Award—

Robert D. McMichael

2001

Gold Medal Awards—

Group: Elaine B. Barker, Lawrence E. Bassham, William E. Burr, James F. Dray, Jr., Morris J. Dworkin, James G. Foti, James R. Nechvatal, Edward A. Roback, Miles E. Smid, Juan Soto, Jr.

Group: Robert A. Clary, Christopher J. Evans, Michael L. McGlaufflin, Manfred L. Osti, Richard L. Rhorer, Charles R. Tilford, Eric P. Whitenton

Group: James C. Bergquist, Steven T. Cundiff, Scott A. Diddams, Leo Hollberg, Christopher W. Oates, June Ye

Group: Daniel Josell, Thomas P. Moffat, Gery R. Stafford

Allen V. Astin Measurement Science Award—

Thomas R. Scott

Edward Uhler Condon Award—

Group: James C. Bergquist, Steven R. Jefferts, David J. Wineland

Jacob Rabinow Applied Research Award—

None

Edward Bennett Rosa Award—

R. Michael McCabe

William P. Slichter Award—

Group: Eric K. Lin, Wen-Li Wu

Samuel Wesley Stratton Award—

Deborah Shiu-Lan Jin

2002

Gold Medal Awards—

Leadership: John A. Dagata, Alim A. Faith, Katharine B. Gebbie, William R. Ott, Leslie E. Smith, Jorge R. Urrutia

Scientific and Engineering Achievement: Samuel P. Benz, Charles J. Burroughs, Bert M. Coursey, John F. Barkley, Jr., David F. Ferraiolo, David R. Kuhn

Allen V. Astin Measurement Science Award—

Bert M. Coursey

Edward Uhler Condon Award—

Charles W. Clark, Keith Burnett, Lu Deng, Edward W. Hagley, William D. Phillips

Jacob Rabinow Applied Research Awards—

James S. Albus, Stephen B. Balakirsky, Tommy Y. Chang, Tsai Hong, Alberto D. Lacaze, Steven A. Legowik, Karl N. Murphy

Edward Bennett Rosa Award—

B. Carol Johnson

William P. Slichter Award—

Edward F. Kelley

Samuel Wesley Stratton Award—

Chris A. Michaels, Lee J. Richter, Stephan J. Stranick

2003

Gold Medal Awards—

Leadership: Roger B. Marks, Albert C. Parr, Jack E. Snell

Scientific and Engineering Achievement: Richard G. Gann, Ray Radebaugh, William F. Egelhoff, Jr.

Allen V. Astin Measurement Science Award—

John H. Lehman

Edward Uhler Condon Award—

None

Jacob Rabinow Applied Research Award—

Xiao Tang

Edward Bennett Rosa Award—

David L. Duewer

William P. Slichter Award—

Kang Lee, Richard D. Schneeman

Samuel Wesley Stratton Award—

David J. Wineland

2004

Gold Medal Awards—

Leadership: Robert F. Moore, Charles W. Clark

Scientific and Engineering Achievement: Group: Elizabeth A. Donley, Thomas P. Heavner, Steven R. Jefferts
Daniel A. Fischer

Group: James F. Dray, Alan H. Goldfine, Teresa Schwarzhoff, John Wack

Allen V. Astin Measurement Science Award—

Group: Timothy J. Burns, Brian S. Dutterer, Richard J. Fields, Michael D. Kennedy, Lyle E. Levine, Richard D. Rhorer, Eric P. Whinton, Howard W. Yoon

Edward Uhler Condon Award—

Ronald G. Murno

Jacob Rabinow Applied Research Award—

Group: Paul C. Brand, Richard J. Fields, Henry J. Prask

Edward Bennett Rosa Award—

Group: Douglas H. Blackburn, Steven J. Choquette, Edgar S. Etz, Wilbur S. Hurst

William P. Slichter Award—

Jonathan W. Martin

Samuel Wesley Stratton Award—

Paul S. Julienne

2005

Gold Medal Awards—

Leadership Category: Miral M. Dizar, Sivaraj Shyam-Sunder

Group: Joseph A. Falco, Frederick M. Proctor, Keith A. Stouffer, Albert J. Wavering

Scientific/Engineering Achievement: Joseph A. Stroschio

Group: Jason D. Averill, Howard R. Baum, Richard W. Burkowski, Kathryn M. Butler, Stephen A. Cauffman, Frank L. Davis, W. Stuart Dols, Richard G. Gann, John L. Gross, William L. Grosshandler, Anthony P. Hamins, Valentine G. Junker, Erica D. Kuligowski, James R. Lawson, Hai S. Lew, Therese P. Mcallister, Kevin B. Mcgrattan, Thomas J. Ohlemiller, Richard D. Peacock, William M. Pitts, Kuldeep R. Prasad, Fahim Sadek, Emil Simiu, Robert L. Vettori, Jiann C. Yang, Stephen W. Banovic, Timothy J. Foecke, Frank W. Gayle, William E. Luecke, J. David Mccolskey, James J. Filliben, Matthew Heyman, Verna B. Hines, Michael E. Newman, Craig Burkhardt, Melissa Lieberman, Michael R. Rubin

Allen V. Astin Measurement Science Award—

Charles E. Gibson

Howard W. Yoon

Edward Uhler Condon Award—

Michael A. Lombardi

Jacob Rabinow Applied Research Award—

Joseph M. Antonucci

Edward Bennett Rosa Award—

Katherine E. Sharpless

William P. Slichter Award—

Mark E. Palmer

Samuel Wesley Stratton Award—

Jeffery W. Lynn

2006

Gold Medal Awards—

Leadership Category: Patrick D. Gallagher, James E. Hill, Lisa A. Karam

Scientific/Engineering Achievement Category: Jabez J. McClelland

Group: David B. Newell, Richard L. Steiner, Edwin R. Williams

Personal and Professional Excellence Category: Dereck R. Orr

Allen V. Astin Measurement Science Award—

Michele M. Schantz

Edward Uhler Condon Award—

Richard G. Gann

Jacob Rabinow Applied Research Award—

Group: James S. Albus, Charles H. Giauque, Adam S. Jacoff, Frederick M. Proctor, William P. Shackleford, Ann Marie Virts, Brian A. Weiss

Edward Bennett Rosa Award—

Group: Matthew L. Aronoff, Arthur F. Griesser, John V. Messina, Eric D. Simmon

William P. Slichter Award—
John H. Burnett

Samuel Wesley Stratton Award—
Jun Ye

2007

Gold Medal Awards—
Taner Yildirim

Group: Samuel P. Benz, Charles J. Burroughs, Paul D. Dresselhaus, Joseph R. Kinard, Jr., Thoms E. Lipe, Jr., Yi-Hua Tang

Group: Judah Levine, Thomas E. Parker

Group: Joy P. Dunkers, Gale A. Holmes, Walter G. McDonough, Chad R. Snyder, Michael H. Francis, Jeffrey R. Guerrieri, David R. Novotny, Perry F. Wilson

Group: William C. Barker, Ramaswamy Chandramouli, Donna F. Dodson, James F. Dray, Jr., Hildegard Ferraiolo, Timothy Grance, Patrick J. Grother, William I. MacGregor, William T. Polk, Teresa Schwarzhoff

Allen V. Astin Measurement Science Award—
Igor Vayshenker

Edward Uhler Condon Award—
John W. Ekin

Jacob Rabinow Applied Research Award—
John E. Kitching

Edward Bennett Rosa Award—
Group: David J. Evans, Victor Nedzelnitsky, Randall P. Wagner

William P. Slichter Award—
Group: Steven Grantham, Shannon Hill, Thomas B. Lucatorto, Charles Tarrío, Robert E. Vest
Group: Eric K. Lin, Vivek M. Prabhu, Wen-Li Wu

Samuel Wesley Stratton Award—
Kent D. Irwin

2008

Gold Medal Awards—
Carl J. Williams

Group: John M. Butler, David L. Duewer, Margaret C. Kline, Janette W. Redman, Peter M. Vallone

Group: James C. Bergquist, Till P. Rosenband

Group: Stephen I. Kerber, Daniel Madrzyłowski

Group: William E. Burr, David W. Flater, Alan H. Goldfine, Barbara Guttman, Nelson E. Hastings, John M. Kelsey, Sharon J. Laskowski, Mark W. Skall, John P. Wack

Group: Stephen Quiroigico, Mudumbai Ranganathan

Allen V. Astin Measurement Science Award—
Robert R. Zarr

Edward Uhler Condon Award—
None

Jacob Rabinow Applied Research Award—
Sae Woo Nam

Edward Bennett Rosa Award—
Edward Bennett

William P. Slichter Award—
Paul A. Boynton

Samuel Wesley Stratton Award—
Dietrich G. Leibfried

2009

Gold Medal Awards—
Paul D. Lett

Group: Muhammad Arif, David L. Jacobson

Group: Douglas C. Montgomery, Scott W. Rose

Group: Steven D. Phillips, Craig M. Shakarji

Group: Matthew P. Barrett, Timothy Grance, Christopher S. Johnson, Peter M. Mell, Stephen D. Quinn, Karen A. Scarfone, Murugiah P. Souppaya

Allen V. Astin Measurement Science Award—
Group: Paul D. Hale, Dylan F. Williams, Andrew M. Dienstfrey, Chih Ming Wang

Edward Uhler Condon Award—
No Recipients

Jacob Rabinow Applied Research Award—
Jeffrey W. Gilman

Edward Bennett Rosa Award—
Steven T. Bushby

William P. Slichter Award—
No Recipients

Samuel Wesley Stratton Award—
James C. Bergquist

Source: Annual Awards Ceremony programs. Awards file, NIST Archives.