

2017 COUNCIL – OFFICERS & DIRECTORS

President	Ian M. Anderson
Past President	Michael Marko
President-Elect	Robert L. Price
Secretary	Pamela F. Lloyd
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Director	Luisa Amelia Dempere
Director	Elizabeth A. Dickey
Director	Andreas Holzenburg
Director	Deborah F. Kelly
Director (Local Affiliated Societies)	Beverly E. Maleeff
Director	Paul M. Voyles

APPOINTED OFFICERS

Archives	Michael Marko
Awards Committee Chair	Christine A. Brantner
Bylaws	Michael Marko
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Educational Outreach Committee Chairs	Dave Becker Alyssa Waldron
Educational Resources Chair	Elizabeth R. Wright
Fellows Chair	Robert L. Price
Finance	Peter A. Crozier
Information Technology	Nestor J. Zaluzec
International Committee	David C. Bell
Membership Committee Chair	Jeffrey Lengyel
Nominating Committee Chair	Michael Marko
Placement Office	David W. Tomlin
Sustaining Members Chair	Stephen E. Mick
Student Council President	Joshua Silverstein
Technologists' Forum	Caroline A. Miller

FOCUSED INTEREST GROUPS

Focused Interest Group Chair	Andrew D. Vogt
3D Electron Microscopy in the Biological Sciences	Teresa Ruiz Michael Radermacher
Aberration-Corrected Electron Microscopy	Paul M. Voyles
Atom Probe Field Ion Microscopy	Arun Devaraj
Cryo-preparation	Kim Rensing
Diagnostic Microscopy	Jon E. Charlesworth
Electron Crystallography and Automated Mapping Techniques	Yoosuf N. Picard
Electron Microscopy in Liquids and Gas (EMLG)	Raymond R. Unocic
Facilities Operation & Management (FOM)	Christine A. Brantner
Focused Ion Beam	Nicholas Antoniou
Pharmaceuticals	John-Bruce D. Green
MicroAnalytic Standards	Julien M. Allaz

2017 STUDENT COUNCIL

President	Joshua Silverstein
Past President	James P. Kilcrease
President-Elect	Janet L. Gbur
Secretary	A. Cameron Varano
Treasurer	Ethan L. Lawrence
Program Chair	William J. Bowman

PUBLICATIONS

Microscopy and Microanalysis Editor in Chief	John F. Mansfield
Onsite Program Guide Editor	Richard L. Martens
M&M 2017 Proceedings Editor	Gail J. Celio
Microscopy Today Editor	Charles E. Lyman

M&M 2017 ANNUAL MEETING PROGRAM CHAIR

Jay D. Potts

SOCIETY & MEETING MANAGEMENT

Association Management	Drohan Management Group
Managing Director	Robert Dziuban
Meeting Management	Conference Managers
Meeting & Registration Managers	Nicole Guy, Maeve Carey, Corey Siembieda
Exhibition Management	Corcoran Expositions, Inc.
Exhibits & Sponsorship Managers	Doreen Bonnema, Mary Michalik

MSA PAST PRESIDENTS

1942	G.L. Clark	1967	Joseph J. Comer	1992	Patricia Calarco
1943-	R. Bowling Barnes	1968	John H. Luft	1993	Michael S. Isaacson
1944		1969	Wilbur C. Bigelow	1994	Robert R. Cardell
1945	James Hillier	1970	Russell Steere	1995	Terence E. Mitchell
1946	David Harker	1971	Robert M. Fisher	1996	Margaret Ann Goldstein
1947	William G. Kinsinger	1972	Daniel C. Pease	1997	C. Barry Carter
1948	Perry C. Smith	1973	Benjamin Siegel	1998	Ralph M. Albrecht
1949	F.O. Schmitt	1974	Russell J. Barnett	1999	David C. Joy
1950	Ralph W.G. Wyckoff	1975	Gareth Thomas	2000	Kenneth H. Downing
1951	Robley C. Williams	1976	Etienne de Harven	2001	Ronald M. Anderson
1952	R.D. Heidenreich	1977	Thomas E. Everhart	2002	Stanley L. Erlandsen
1953	Cecil E. Hall	1978	Myron C. Ledbetter	2003	J. Alwyn Eades
1954	Robert G. Picard	1979	John Silcox	2004	Sara E. Miller
1955	Thomas F. Anderson	1980	Michael Beer	2005	M. Grace Burke
1956	William L. Grube	1981	John J. Hren	2006	W. Gray (Jay) Jerome
1957	John H.L. Watson	1982	Lee Peachey	2007	Michael A. O'Keefe
1958	Max Swerdlow	1983	David B. Wittry	2008	William T. Gunning
1959	John H. Reisner	1984	J. David Robertson	2009	David J. Smith
1960	D. Gordon Sharp	1985	Dale E. Johnson	2010	David W. Piston
1961	D. Maxwell Teague	1986	Robert M. Glaeser	2011	Nestor J. Zaluzec
1962	Keith R. Porter	1987	Linn W. Hobbs	2012	Janet H. Woodward
1963	Charles Schwartz	1988	Jean Paul Revel	2013	Ernest L. Hall
1964	Sidney S. Breese	1989	Ray W. Carpenter	2014	Jeanette Killius
1965	Virgil G. Peck	1990	Keith R. Porter	2015	John F. Mansfield
1966	Walter Frajola	1991	Charles E. Lyman	2016	Michael Marko

2017

David C. Bell
Paul E. Fischione
Christopher J. Kiely
Jeanette Killius
Laurence D. Marks
Peter Rez
Phillip E. Russell
Heide Schatten

2016

Helmut Gnaegi
Ernest L. Hall
David N. Mastronarde
Stuart McKernan
Renu Sharma
George D.W. Smith
Kenneth A. Taylor
James E. Wittig

2015

Rafal E. Dunin-Borkowski
Michael E. Davidson
E. Ann Ellis
Peter W. Hawkes
Miguel José-Yacamán
Kent L. McDonald
Stanley Frank Platek
Michael T. Postek
Susanne Stemmer
Michael M.J. Treacy

2014

Gianluigi Botton
Wah Chiu
Abhaya K. Datye
Marija Gajdardziska-Josifovska
Lucille A. Giannuzzi
Thomas F. Kelly
John F. Mansfield
Martha R. McCartney
Xiaoqing Pan
David W. Piston

2013

Timothy S. Baker
Nigel D. Browning
David J. DeRosier
Hamish L. Fraser
David A. Muller
Michael Radermacher
David J. Smith
Eric A. Stach

2012

Ulrich Dahmen
Margaret Ann Goldstein
Moon Kim
William J. Landis
Jingyue Liu
Beverly E. Maleeff
Robert L. Price
Frances M. Ross
David N. Seidman
Debra Sherman
Nan Yao

2011

Ueli Aebi
Philip E. Batson
Patricia G. Calarco-Isaacson
Peter A. Crozier
J. Alwyn Eades
Brendan J. Griffin
William T. Gunning, III
W. Gray Jerome
Richard D. Leapman
Hannes Lichte
Charles E. Lyman
Michael A. O'Keefe
George Perry
Robert B. Simmons
Janet H. Woodward

2010

Ralph M. Albrecht
Lawrence F. Allard, Jr.
Kenneth H. Downing
Joseph I. Goldstein
Michael S. Isaacson
Michael K. Miller
George Pappas
Stephen J. Pennycook
John P. Petrali
Zhong L. Wang
David B. Williams

2009 *(Inaugural Class)*

Marc Adrian	Sara E. Miller
Ronald M. Anderson	Terrence E. Mitchell
James Bentley	Thomas Mulvey
Mary Grace Burke	Dale E. Newbury
Ray W. Carpenter	Gertrude Rempfer
C. Barry Carter	Jean-Paul Revel
Albert V. Crewe	Harald Rose
Marc De Graef	F.O. Schmitt
Vinayak P. Dravid	Caroline Schooley
Jacques Dubochet	Ryuichi Shimizu
Patrick Echlin	John Silcox
Raymond F. Egerton	Robert Sinclair
Marilyn G. Farquhar	S.J. Singer
Don W. Fawcett	Fritiof Sjostrand
Joachim Frank	Kenneth C.A. Smith
Robert M. Glaeser	Avril V. Somlyo
Audrey M. Glauert	John C.H. Spence
Raymond Kenneth Hart	Alasdair C. Steven
Hatsujiro Hashimoto	Peter R. Swann
Richard Henderson	Gareth Thomas
Peter B. Hirsch	Kiyoteru Tokuyasu
Archibald Howie	Nigel Unwin
Hugh E. Huxley	Joseph S. Wall
Takeo Ichinokawa	Oliver C. Wells
Sumio Iijima	Michael J. Whelan
Shinya Inoué	Nestor J. Zaluzec
David C. Joy	Elmar Zeitler
Morris J. Karnovsky	Yimei Zhu
Aaron Klug	
Ondrej L. Krivanek	
Myron C. Ledbetter	
Dennis McMullan	
Joseph R. Michael	

PHYSICAL SCIENCES (2017)

Nestor J. Zaluzec
Argonne National Laboratory



A Fellow of both Oak Ridge National Laboratory and the Computational Institute of the University of Chicago, Zaluzec has and continues to hold the tripartite role of Senior Scientist, Educator and Inventor at Argonne National Laboratory. As an innovator, his research includes development of instrumentation and techniques for state-of-the-art analysis in X-ray and electron spectroscopy, as well as electron optics, targeted toward expanding the impact of electron-optical beam lines for characterization of soft and hard matter in both static and dynamic states. In addition to creating tools for science, as a researcher he also yields these bleeding edge technologies with collaborators to study vexing problems in technologically important materials. Over the last 40 years, this research has included studies of: structural phase transformations, radiation damage in metals and ceramics, immobilization of nuclear waste, magnetic nano-arrays, elemental segregation in: alloys, semiconductors, polymers, and catalysts; in vacuum, gases and liquids. He is now expanding his interests into the realm of soft-matter and cryo-microscopy of proteins and macromolecules. One of the earliest to realize the impact of the Internet he established the TelePresence Microscopy Collaboratory, which served as a early model for outreach to the community providing unencumbered access to scientific resources. For the last quarter of a century, he has also presided over the Microscopy Listserver, a communication forum that links over four thousand microscopists and microanalysts worldwide. In addition to his prior and current adjunct and visiting professorial appointments at universities (IIT, UIUC, UIC, NIU, Manchester), he is also a member of several professional societies (MSA, MAS, MSC/SMC, ACMM, EMS, and MMMS) and has held various roles therein. He also engages the next generation of scientists through his work with middle and high school students via the Illinois Junior Academy of Science.

BIOLOGICAL SCIENCES (2017)

David W. Piston
Washington University



David W. Piston is the Edward J. Mallinckrodt Jr. Professor of Cell Biology & Physiology, Physics, and Bioengineering at Washington University in St. Louis. Dr. Piston received his training in physics with a bachelor degree from Grinnell College, followed by M.S. and Ph.D. degrees from the University of Illinois. His doctoral research was performed with Enrico Gratton, and he subsequently completed a postdoctoral research fellowship in Applied Physics with Watt Webb at Cornell University. During his time at Cornell, two-photon excitation microscopy was invented, which led Dr. Piston into biomedical research. From 1992 to 2014, Dr. Piston was on the faculty at Vanderbilt University. He was a Beckman Young Investigator Award (1993), NIH Study Section Chair (2004-2006), a member of the Searle Scholars Advisory Board (2006-2012), and is currently the Associate Editor for Cell Biophysics of the Biophysical Journal. His diverse research group focuses on the understanding the molecular mechanisms that underlie hormone secretion from islets of Langerhans in the pancreas. Driven by this biomedical focus, the lab develops and applies novel fluorescence microscopies to improve temporal resolution and increase information content. These approaches include multi-color fluctuation spectroscopy, light sheet microscopy, hyperspectral imaging, and correlative light and electron microscopy. To optimize these methods, his lab also develops novel biosensors, largely based on the Green Fluorescent Protein and its relatives. His lab combines these new approaches and probes to allow quantitative measurements of constituent islet cell behaviors in situ at various points along key signaling pathways for glucose homeostasis.

	BIOLOGICAL SCIENCES	PHYSICAL SCIENCES
1975	Keith R. Porter	Robert Heidenreich
1976	L.L. Marton	Albert V. Crewe
1977	Robley C. Williams	James Hillier
1978	Thomas Anderson	Vernon E. Cosslett
1979	Daniel C. Pease	John M. Cowley
1980	George E. Palade	Gareth Thomas
1981	Sanford L. Palay	Vladimir K. Zworykin
1982	Richard M. Eakin	Benjamin M. Siegel
1983	Hans Ris	Otto Scherzer
1984	Cecil E. Hall	Charles W. Oatley
1985	Gaston Dupouy	Ernst Ruska
1986	F. O. Schmitt	Peter B. Hirsch
1987	Marilyn G. Farquhar	Jan B. LePoole
1988	Morris J. Karnovsky	Hatsujiro Hashimoto
1989	Don W. Fawcett	Elmar Zeitler
1990	Audrey M. Glauert	Gertrude F. Rempfer
1991	Hugh E. Huxley	Archibald Howie
1992	Fritiof Sjöstrand	Oliver C. Wells
1993	Jean-Paul Revel	Kenneth C.A. Smith
1994	Andrew P. Somlyo	Dennis McMullan
1995	Shinya Inoué	David B. Wittry

	BIOLOGICAL SCIENCES	PHYSICAL SCIENCES
1996	Myron C. Ledbetter	John Silcox
1997	S. J. Singer	Peter R. Swann
1998	Avril V. Somlyo	Michael J. Whelan
1999	Sir Aaron Klug	Takeo Ichinokawa
2000	K. Tokuyasu	S. Amelinckx
2001	Patrick Echlin	Thomas Mulvey
2002	Marc Adrian	Ryuichi Shimizu
2003	Joachim Frank	Harald Rose
2004	Robert M. Glaeser	Raymond F. Egerton
2005	Richard Henderson	Sumio Iijima
2006	Joseph S. Wall	John C.H. Spence
2007	Nigel Unwin	Terence E. Mitchell
2008	Alasdair C. Steven	Ondrej L. Krivanek
2009	Jacques Dubochet	Robert Sinclair
2010	George Papas	Michael S. Isaacson
2011	Ueli Aebi	Hannes Lichte
2012	Timothy S. Baker	Ulrich Dahmen
2013	David J. DeRosier	C. Barry Carter
2014	Wah Chiu	David J. Smith
2015	Michael W. Davidson	Peter W. Hawkes
2016	Kenneth H. Downing	George W. Smith

BURTON MEDAL AWARD (2017)

Christopher J. Russo

MRC Laboratory of Molecular Biology

Born in Detroit, Michigan, Chris attended the University of Notre Dame where he studied electrical engineering and philosophy, obtaining two bachelors degrees. He then went on to graduate school at Harvard and MIT as part of the HST Medical Engineering and Medical Physics program, a joint course between Harvard College, MIT and Harvard Medical School, where he studied physics and medicine. Under the supervision of Jene Golovchenko (Physics, Engineering) and Daniel Branton (Biology), he completed his PhD thesis on imaging DNA attached to carbon nanotubes using several microscopy methods, including scanning probe and high-resolution aberration corrected electron microscopy.

After his PhD he did a short Post-Doc in the Physics Department at Harvard. During this time, he developed a new technique to create nanopores in graphene with atomic precision that combined ion bombardment with high energy electron irradiation.

He then moved to the MRC Laboratory of Molecular Biology in Cambridge UK to do a post-doc with Lori Passmore. Together, they worked on developing new methods for electron cryomicroscopy (cryo-EM), and in particular focused on how the specimen support could affect the resolution of cryo-EM images. This led to a number of advances including simple techniques to modify graphene for use as a specimen support for biological molecules and the development of a new specimen support structure, made entirely of gold, that reduced movement during imaging fifty-fold. Chris has since started his own group at LMB, and continues to study the physical phenomena that limit resolution in cryo-EM and thus enable the development of new devices, instruments and methods to improve the imaging power of the electron microscope in biology.



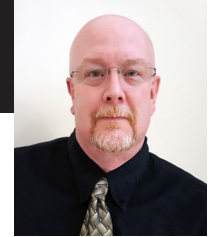
MORTON D. MASER DISTINGUISHED SERVICE AWARD (2017)

David W. Tomlin

Azimuth Corporation

Dave Tomlin has been a member of MSA since 1999. He has served as: Chair of the Education Committee (2013-2015), MegaBooth Committee member (2003-2014), Coordinator of the MegaBooth (2015-present), Placement Office Co-Chair (2012-2014), Placement Office Chair (2015-present), Director-Local Affiliated Societies (2009-2011), Symposium Organizer and Session Chair (2007), MSA Logo and Website Redesign Team (2009), Website Redesign Team (2015) and is a Technologist Forum member. He is also an active member of his local affiliate society, the Microscopy Society of the Ohio River Valley (MSORV) where he is currently the webmaster and is finishing his second year as President. He has also served as Chair, Bulletin Editor, Webmaster and Treasurer for the Dayton Local Section of the American Chemical Society. Dave has also been active in his local community, where he served on the board of the local youth soccer program, was the Committee and Advancement Chair for BSA Troop 114, and for the last 7 years he has served as President and Treasurer of the Tri-County North Band Boosters.

Dave received his B.S. in Chemistry (1985) and Ph.D. in Physical Chemistry (1990), both from Miami University in Oxford, OH. While completing his doctorate, he held a Department of Energy Research Participation Fellowship (1986-1990) at the EG&G Mound Labs, Miamisburg, OH. He also held a National Research Council Post-Doctoral Fellowship (1991-1993) at the Naval Research Laboratory, Washington, DC. For the last 22 years he has been at the Air Force Research Laboratory, Materials and Manufacturing Directorate, Wright-Patterson Air Force Base, Ohio. His research interests are focused on utilizing optical, confocal, electron and ion beam microscopies, to investigate failures in semiconductor and electronic devices.



YEAR RECIPIENT

1975	James Lake	1998	Ian M. Anderson
1976	Michael S. Isaacson	1999	Zhong Lin Wang
1977	Robert Sinclair	2000	Eva Nogales
1978	David C. Joy	2001	Jian Min Zuo
1979	Norton B. Gilula	2002	Nigel D. Browning
1980	John C.H. Spence	2003	Frances M. Ross
1981	Barbara J. Panessa-Warren	2004	Z. Hong Zhou
1982	Nestor J. Zaluzec	2005	David J. Larson
1983	Ronald Gronsky	2006	David A. Muller
1984	David B. Williams	2007	Peter D. Nellist
1985	Richard D. Leapman	2008	Steven J. Ludtke
1986	J. Murray Gibson	2009	Eric A. Stach
1987	Ron A. Milligan	2010	Sergei V. Kalinin
1988	A.D. Romig, Jr.	2011	Radostin Danev
1989	Laurence D. Marks	2012	David S. Ginger
1990	W. Mason Skiff	2013	John L. Rubinstein
1991	Joseph R. Michael	2014	Maria Varela
1992	Kannan M. Krishnan	2015	Andrew M. Minor
1993	Joseph A.N. Zasadzinski	2106	Miaofang Chi
1994	Jan M. Chabala		
1995	Joanna L. Batstone		
1996	Vinayak P. Dravid		
1997	P.M. Ajayan		

YEAR RECIPIENT

1992	Ronald M. Anderson	2000	Barbara A. Reine
	G. W. Bailey		Hildegard H. Crowley
	Frances L. Ball	2002	Beverly E. Maleeff
	M. Blair Bowers	2003	M. Grace Burke
	Deborah L. Clayton	2004	Ralph M. Albrecht
	Joseph Harb	2005	W. Gray (Jay) Jerome
	Kenneth R. Lawless	2006	Jeanette Killius
	Morton D. Maser	2007	Robert L. Price
	Caroline Schooley	2008	Stuart McKernan
	John H.L. Watson	2010	Pamela F. Lloyd
1993	E. Laurence Thurston	2011	Janet H. Woodward
1994	Richard F.E. Crang	2012	Gina E. Sosinsky
1995	Raymond K. Hart	2013	Caroline A. Miller
1996	José A. Mascorro	2014	Michael Marko
1997	William T. Gunning III	2015	JoAn Hudson
1998	Nestor J. Zaluzec	2016	Amanda Lawrence
1999	Charles E. Lyman		

ALBERT CREWE AWARD (2017)

Pinshane Y. Huang

University of Illinois, Urbana-Champaign

Pinshane Y. Huang is an Assistant Professor in Materials Science and Engineering at the University of Illinois Urbana-Champaign. She holds a PhD in Applied Physics from Cornell University and completed a postdoctoral fellowship at Columbia University. Huang's work in aberration-corrected microscopy and spectroscopy has been instrumental in the discovery of novel physical phenomena in two-dimensional (2D) materials and the realization of atomically-thin electronics. Her key contributions include: elucidating the structure and properties of defects in single atomic layers of graphene and 2D semiconductors, providing the first atomic-scale view into the structure and dynamics of a two-dimensional silica glass, and characterizing interfaces in 2D devices. Since starting her research lab at the University of Illinois in 2015, Huang has established a research group focused on using electron microscopy and spectroscopy to design a new generation of flexible electronics and energy harvesting devices.

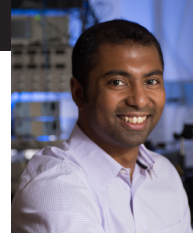


GEORGE PALADE AWARD (2017)

Rengasayee Veeraraghavan

Virginia Tech Carilion Research Institute

Rengasayee (Sai) Veeraraghavan earned his PhD from the University of Utah's Department of Bioengineering and completed postdoctoral training at the University of Utah's Department of Mathematics and at the Virginia Tech Carilion Research Institute. He is currently a Research Assistant Professor at the Virginia Tech Carilion Research Institute investigating the structural underpinnings of the propagation of electrical excitation through the heart in health and in disease. As a postdoctoral trainee, he investigated the functional implications of the spatial organization of proteins and their ultrastructural milieu by combining an array of techniques including single molecule localization microscopy, transmission electron microscopy and whole heart optical voltage mapping. As part of this work, he developed Stochastic Optical Reconstruction Microscopy-based Relative Localization Analysis, a novel approach for high throughput quantitative assessment of the spatial organization of proteins from single molecule localization data. Using this approach, he has identified a sodium channel-rich nanodomain within the cardiomyocyte intercalated disk and its involvement in non-canonical mechanisms of electrical communication between cardiomyocytes. These findings could prompt a paradigm shift in our understanding of the mechanisms underlying cardiac excitation spread and provide the basis for the development of novel anti-arrhythmic therapies. In ongoing research, he is investigating the role of vascular dysfunction in dysregulating intercalated disk nanodomains and the contribution of these effects to the genesis and progression of atrial fibrillation.



YEAR RECIPIENT

2012	Wu Zhou
2013	Lena Fitting-Kourkoutis
2014	Jinwoo Hwang
2015	Meng Gu
2016	Ryo Ishikawa

YEAR RECIPIENT

2012	Gabriel C. Lander
2013	Peng Ge
2014	Ricardo C. Guerrero-Ferreira
2015	Alexey Amunts
2016	Dmitry Lyumkis

HILDEGARD H. CROWLEY OUTSTANDING TECHNOLOGIST AWARD FOR BIOLOGICAL SCIENCES (2017)



Patricia S. Connelly
National Institutes of Health

Patricia Stranen Connelly has a B.A. in biology from Immaculata University and began her career in electron microscopy in 1971 with Gerd Maul at Temple University Health Sciences Center. She continued at the Wistar Institute of Anatomy and Biology and was recruited in 1976 to join the labs of Shinya Inoué and Lew Tilney at the University of Pennsylvania where she remained until Lew's retirement in 2005. Her career continued at the National Heart, Lung, and Blood Institute of NIH where she assisted Mathew P. Daniels in the founding of the Electron Microscopy Core Facility.

Pat has received recognitions such as Outstanding Basic Science Award and an Orloff Science Award from NHLBI. Her main focus has been to assist others, from students to seasoned investigators, by passing on the knowledge and wisdom she has gained through the years on teaching microscopy, protocols, machines, and on moving EM laboratories and microscopes. This is accomplished not only by replying to requests of past students and co-workers and those on the Microscopy List Server but also those whom she comes in contact with at M&M each year. She has been an active member of the Facilities Operation and Management Focus Interest Group and has served as its secretary. She volunteers at the Outreach/Project Micro Booth and assists with the Family Affair Session.

CHUCK FIORI OUTSTANDING TECHNOLOGIST AWARD FOR PHYSICAL SCIENCES (2017)



Richard L. Martens
The University of Alabama

Richard L. Martens began his electron microscopy career at "the turn of the century." After receiving his BA in English in 1995 from The University of Wisconsin, Madison and an AD in Electron Microscopy from the Madison Area Technical College in Madison, Wisconsin, Richard worked at Imago Scientific Instruments, (now Cameca Instruments, Inc.) developing instrumentation and specimen preparation techniques for the local electrode atom probe microscope. Richard became manager of the Central Analytical Facility (CAF) at The University of Alabama in 2006. The CAF maintains major research instrumentation and is a "hands-on" user facility – training and educating students, faculty and staff on using research instrumentation. The CAF is a premier microanalytical and microstructural characterization facility within the Southeast region. In 2012, Richard was on the local organizing committee for the 53rd International Field Emission Symposium, (IFES) that was held at the University of Alabama. In 2013, he was elected to leader of the MSA Atom Probe Focused Interest group. In 2016, Richard became the Editor of the M&M Onsite Program Guide, helped organize the NSF sponsored 1st Atom Probe Tomography (APT) Workshop for Earth Sciences and the 1st MSA Pre-Meeting Congress on APT. He was also on the organizing committee for the MAS 5th Topical Conference on EBSD.

YEAR RECIPIENT

1993	Ben O. Spurlock
1994	not awarded
1995	Kai Chien
1996	not awarded
1997	John P. Benedict
1998	Hilton H. Mollenhauer
1999	John M. Basgen
2000	Nancy Crise Smith
2001	not awarded
2002	José A. Mascorro
2003	not awarded
2004	not awarded
2005	John J. Bozzola
2008	Thomas Deerinck
2009	Mary Morpew
2010	E. Ann Ellis
2011	Robert Grassucci
2012	Kunio Nagashima
2013	Robyn Roth
2014	Hong Yi
2015	Norman Olson
2016	Frank Macaluso

YEAR RECIPIENT

1993	not awarded
1994	Bernard J. Kestel
1995	not awarded
1996	David W. Ackland
1997	Stanley J. Klepeis
1998	Charles J. Echer
1999	John C. Wheatley
2000	not awarded
2001	Conrad G. Bremer
2002	not awarded
2003	Edward A. Ryan
2004	Mark C. Reuter
2005	Chris Nelson
2008	not awarded
2009	Lynne Gignac
2010	not awarded
2011	not awarded
2012	not awarded
2013	K. Shawn Reeves
2014	Eddy Garcia-Meitin
2015	Masahiro Kawasaki
2016	not awarded