

*American Association
of
Physicists in Medicine*



Awards Ceremony

*August 1, 2011
Ballroom A
Vancouver Convention Centre
Vancouver, BC, Canada
6:30 p.m.*

The American Association of Physicists in Medicine is the premier organization in medical physics, a broadly-based scientific and professional discipline encompassing physics principles and applications in biology and medicine.

The mission of the American Association of Physicists in Medicine is to advance the science, education and professional practice of medical physics.

2011 Program

Welcome and Presentation of Awards

J. Anthony Seibert, Ph.D.
AAPM President

Honoring Deceased AAPM Members

AAPM Fellowships and Grants

Research Seed Funding Initiative

AAPM-IPEM Medical Physics Travel Grant

Jack Fowler Junior Investigator Award

John R. Cameron Young Investigator Awards

AAPM Award for Innovation in Medical Physics Teaching

Farrington Daniels Award

Sylvia Sorkin Greenfield Award

Honorary Membership

Fellows

Recognition of AAPM Membership

Recognition of AAPM Service

Edith H. Quimby Lifetime Achievement Award

William D. Coolidge Award

Closing Remarks

Reception immediately following

~ AAPM Fellowships and Grants ~

RSNA / AAPM Fellowship for Graduate Study in Medical Physics ~ This fellowship supports the training of a doctoral candidate in the field of medical physics and is funded by the AAPM Education and Research Fund. The winner of the RSNA/AAPM Fellowship for Graduate Study in Medical Physics for 2011-2013 is **Scott Haile Robertson - Duke University**.

2011 RSNA Support for Clinical Residencies in Diagnostic Medical Physics ~ RSNA provided funding to match institutional support for clinical residencies in diagnostic medical physics. The recipients are **UT MD Anderson Cancer Center and Upstate Medical Physics**.

2011 AAPM Support for Clinical Residency in Diagnostic Medical Physics ~ Funding to match institutional support for clinical residencies in diagnostic medical physics. The 2011 recipient is **Duke University Medical School**.

Summer Undergraduate Fellowships ~ Provides opportunities for undergraduate university students to gain experience in medical physics by performing research in a medical physics laboratory or assisting with clinical service at a clinical facility during the summer. The Summer Undergraduate Fellows for 2011 are **Ronald Alexander, Tess Armstrong, Zephyr McCormick, Mara Rosenberg and Victoria Yu**.

Minority Undergraduate Summer Experience ~ The MUSE program is designed to expose minority undergraduate university students to the field of medical physics by performing research or assisting with clinical service at a U.S. university, clinical facility, laboratory, etc. The charge of MUSE is specifically to encourage minority students from Historically Black Colleges and Universities (HBCU), Minority Serving Institutions (MSI) or non-Minority Serving Institutions (nMSI) to gain such experience and apply to graduate programs in medical physics. The MUSE Fellows for 2011 are **Anisley Valenciaga and Kenneth Verlage**.

Summer School Scholarships ~ These scholarships are offered to applicants who are early in their careers in medical physics. The 2011 scholarship recipients are **Mandar Bhagwat, Esmaeel Ghasroddashti, Wu Liu, Nicolas Ploquin and Christina Skourou**. In addition, Capintec sponsors two grants to assist with other expenses related to the Summer School. Capintec established these grants to honor the memory of Arata Suzuki, Ph.D., who was part of Capintec for more than 20 years. **Wu Liu and Nicolas Ploquin** are the recipients of the 2011 Suzuki grants.

~ Research Seed Funding Initiative ~

This award provides start-up funds for research-oriented medical physicists. The recipients for 2011 are:

Yahya Alivov from the University of California Irvine
and
Hao H. Zhang from the University of Maryland School of Medicine

~ **AAPM-IPEM Medical Physics Travel Grant** ~

This grant is made annually to a U.S. AAPM member who shows evidence of an active scientific career in medical physics. The purpose of this grant is to promote communications and professional partnerships between U.S. AAPM members and IPEM members from the United Kingdom. The grant will include £400 from the Institute of Physics and Engineering in Medicine and \$2,750 from AAPM.

Jun Deng, Ph.D.

~ **Jack Fowler Junior Investigator Award** ~

An award for Junior Investigators has been established in honor of Dr. Jack Fowler, Ph.D., Emeritus Professor of Human Oncology and Medical Physics, University of Wisconsin. Junior Investigators were encouraged to submit abstracts for the competition. The top scoring Junior Investigator submission determined by abstract reviewers was selected.

Dualta McQuaid, Ph.D.

~ **John R. Cameron Young Investigator Award** ~

Each year the AAPM conducts a Young Investigators' Competition for the Annual Meeting. Young Investigators were encouraged to submit abstracts for the competition. The 10 highest scored Young Investigator submissions determined by abstract reviewers are selected to be presented in a special symposium, in honor of University of Wisconsin Professor Emeritus John R. Cameron, Ph.D.

To be announced

~ **AAPM Award for Innovation in Medical Physics Teaching** ~

The Award for Innovation in Medical Physics Teaching is given for innovative programs in medical physics education of physicists, physicians, ancillary personnel and the public.

Perry Sprawls, Ph.D.

~ **Farrington Daniels Award** ~

The Farrington Daniels Award for the best paper on Radiation Dosimetry published in *Medical Physics* in 2010 is presented to:

Bryan Muir and David Rogers

for their paper entitled "Monte Carlo calculations of kQ' the beam quality conversion factor" *Medical Physics* 37, No.11, pp. 5939-5950 (2010).

~ **Sylvia Sorkin Greenfield Award** ~

The Sylvia Sorkin Greenfield Award for the best paper (other than Radiation Dosimetry) published in *Medical Physics* for 2010 is presented to:

Bernard Gallez, Julie Magat, Benedicte Jordan and Greg Cron

for their paper entitled "Noninvasive mapping of spontaneous fluctuations in tumor oxygenation using 19F MRI," *Medical Physics* 37, No. 10, pp. 5434-5441 (2010).

~ Honorary Membership ~

Honorary membership into the AAPM is bestowed upon individuals to recognize distinguished service that they have done in other societies that supports medical physics. Thus the award not only honors the individual but also strengthens the links between the AAPM and the other society. This year, the AAPM will grant honorary membership to:

Gary J. Becker, M.D.

Sal Trofi, Jr., M.B.A.

~ Fellows ~

The category of Fellow honors members who have distinguished themselves by their contributions in research, education, and leadership in the medical physics community.

Jay W. Burmeister, Ph.D.

Frederic H. Fahey, D.Sc.

Mary F. Fox, M.S.

James R. Halama, Ph.D.

Michael F. McNitt-Gray, Ph.D.

Andrzej Niemierko, Ph.D.

Xiaochuan Pan, Ph.D.

E. Ishmael Parsai, Ph.D.

Donald J. Peck, Ph.D.

Robert A. Price Jr., Ph.D.

Mark J. Rivard, Ph.D.

Peter J. Rosemark, Ph.D.

Narayan Sahoo, Ph.D.

George A. Sandison, Ph.D.

Terry T. Yoshizumi, Ph.D.

~ Recognition of 50 years of AAPM Membership ~

~ AAPM Recognition of Service Award ~

AAPM Service Awards are given to outgoing officers of the organization to show appreciation for their time and efforts as an officer. This year the AAPM would like to recognize the work of:

Michael G. Herman, Ph.D.

AAPM President, 2010

~ Edith H. Quimby Lifetime Achievement Award ~

This award recognizes AAPM members whose careers have been notable based on their outstanding achievements. The recipients for the 2011 Award for Achievement in Medical Physics are:

Joel E. Gray, Ph.D.

Martin S. Weinhaus, Ph.D.

~ William D. Coolidge Award ~

The AAPM's highest honor is presented to a member who has exhibited a distinguished career in medical physics, and who has exerted a significant impact on the practice of medical physics. The recipient of the 2011 AAPM William D. Coolidge Award is:

Richard L. Morin, Ph.D.

~ Honorary Membership ~



Gary J. Becker, M.D.

Dr. Becker is a Chicago native who earned his undergraduate and medical degrees from Indiana University, where he did his residency in Diagnostic Radiology and served on the faculty as Professor and Chief of the Vascular Section. In 1990, after 20 years at Indiana University, he moved to Miami Cardiac and Vascular Institute where he served as Director of Interventional Radiology, and ultimately as Assistant Medical Director of the Institute and Medical Director of Clinical Research until 2004. After a year and a half as Branch Chief of Image Guided Intervention in the Division of Cancer Treatment and Diagnosis and the National Cancer Institute, he moved to the University of Arizona as Professor in the Interventional Section of the Department of Radiology, and began a new part-time role as Associate Executive Director at the American Board of Radiology. For years, Dr. Becker's professional passion was the treatment of vascular disease, as well as the clinical and pre-clinical work on new vascular devices. He has authored or co-authored 10 patents and co-founded a coronary stent company, which today has research and development facilities in Ft. Lauderdale, USA and Hoevelaken, The Netherlands, as well as Headquarters in Hong Kong, manufacturing facilities in Germany and China, and sales throughout Asia, the Mideast, Europe, and South America. He was an early pioneer of transcatheter thrombolytic therapy, and later of endografting for the treatment of aortic aneurysm. He published one of the first large clinical aortic endografting series with risk stratification and long-term followup in 2001. He is the Founding Editor of the *Journal of Vascular and Interventional Radiology*, and served nine years on the Executive Council of the Society of Interventional Radiology. Dr. Becker also served eight years on the Board of Directors of the Radiological Society of North America with principal responsibility for the science portfolio, and as RSNA President in 2009.

In December of 2007, Dr. Becker assumed the full-time role of Executive Director of the American Board of Radiology. As ABR chief executive, Dr. Becker oversees all operations and divisions of the Tucson office. He works closely with the officers of the Board throughout the year to ensure the continuity of business and implementation of Board policy between meetings of the Board of Trustees. Together with the Board, he develops and refines the mission-driven vision and strategy for the organization. As a member of the Board of Directors of the American Board of Medical Specialties, he works to represent ABR and its diplomates as strong proponents of professional self-regulation and the specialty board movement, and as good "citizens" of the community of medical specialty boards. In addition, together with the Trustees, he forges collaborations with ABR's sponsoring organizations, as well as with the Accreditation Council for Graduate Medical Education (ACGME) and Residency Review Committees (RRCs), government, healthcare institutions, and other stakeholders in healthcare. Finally, he strives to make the organization's focus on fairness with the individual candidates and diplomates its top priority.

Dr. Becker's wife, Patricia, is a pediatrician. They have three children: Allison, Aaron, and Samantha, and two grandchildren: Riley (5) and Zachary (2).

~ Honorary Membership ~



Sal Trofi, Jr., M.B.A.

Sal was employed as Executive Director of the AAPM in the fall of 1993 when the headquarters was still in New York City. By the winter of 1993, Sal completed the move to the new site in College Park, Maryland. Besides the physical move, he hired all new staff to take over the duties of running the headquarters. One of their first major tasks was to manage the AAPM's responsibilities for the 1993 RSNA meeting. Because he hired a very competent staff, they handled the task with great efficiency. They then turned their attention to improving all major administrative tasks which resulted in the successful AAPM headquarters of today. Sal immediately put in place a financial reporting and control system that gave the officers of the AAPM the tools needed to make sound financial decisions.

Sal received all his formal education in the State of Rhode Island. Directly after graduating from La Salle Academy he served in the US Army for 3 years. Upon return from the military, he enrolled in Bryant College, earning a degree in Accounting and Finance. Several years after graduation, he returned to Bryant College and completed courses to earn an M.B.A. in Finance and Administration.

Sal's work career included 3 years as an auditor for the State of Rhode Island, 23 years as Director of Finance and Financial Planning with the American Mathematical Society, 8 years as Deputy Executive Director for the National Society of Professional Engineers, and 10 years as the Executive Director of the AAPM.

He retired in December of 2003 and lives in Venice, Florida with his wife Ingrid.

~ New AAPM Fellows ~



Jay W. Burmeister, Ph.D.

Jay Burmeister received his Ph.D. from Wayne State University and joined the faculty of the WSU School of Medicine in 1999. He has served as Director of the Medical Physics graduate program at WSU since 2003 and Chief of Physics for Karmanos Cancer Center since 2007. He is co-director of the physics residency program at KCC and of medical resident physics education at WSU. He currently chairs the Medical Physics as Educators Subcommittee and has been a member of eleven other AAPM committees, work groups, and task groups. He is former president of the Great Lakes Chapter of the AAPM and has served as a member of the *Medical Physics* editorial board. Dr. Burmeister is board certified by the American Board of Radiology and has had the privilege of teaching and advising numerous students and residents in medical physics.

~ New AAPM Fellows ~



Frederic H. Fahey, D.Sc.

Frederic H. Fahey, D.Sc., received his D.Sc. from the Harvard School of Public Health in Medical Radiological Physics in 1986. He was certified by the ABR in Medical Nuclear Physics in 1994. He worked as a nuclear medicine and PET physicist at Georgetown Medical School (1984-1991) and Wake Forest University School of Medicine (1991-2003). Since 2003, he has been the Director of Nuclear Medicine Physics at Children's Hospital Boston and an Associate Professor of Radiology at Harvard Medical School. He has been very active in the AAPM and Society of Nuclear medicine (SNM). He is currently the president-elect of the New England Chapter of the AAPM and the vice president-elect of the SNM (to be president of the SNM in 2012). His current research interests include nuclear medicine instrumentation, image processing of tomographic data, small animal imaging and the radiation dosimetry. He is actively involved in the Imaging Gently campaign as it pertains to pediatric nuclear medicine.



Mary F. Fox, M.S.

Mary Fox received her degree in Medical Physics from Northwestern University in conjunction with The Chicago Medical School. After completing her degree, she worked as a junior medical physicist at Evanston Hospital in Chicago for 3 years. She accepted a job as a solo physicist at Methodist Hospital in Minneapolis. After a year, she became the department manager and director. She was involved with starting some of the first free standing clinics in the country, and is currently employed by Minneapolis Radiation Oncology (MRO), as Director of Physics. There are now 10 clinics, and each is affiliated with a local hospital. MRO clinics serve as clinical training sites for students enrolled at the University Of Minnesota Medical Physics program. She has been an active member of AAPM, ACR, ASTRO, HPS, and AAPT, as well as state department of health committees. Mary frequently speaks at local colleges and high schools about the field of Medical Physics.



James R. Halama, Ph.D.

James Halama received his Ph.D. in Medical Physics from the University of Wisconsin in 1983. He joined the Department of Radiology/Section of Nuclear Medicine at Loyola University Medical Center (Chicago) in 1983, where he is Associate Professor of Radiology and certified by the American Board of Radiology in Diagnostic and Medical Nuclear Physics. He has taught the physics of nuclear medicine and imaging to radiology and nuclear medicine residents at Loyola and at residency programs throughout the Chicago area for over 20 years. His main interest is quality control, and has published articles and given many lectures on the topic. He has served the AAPM in many capacities including Science Council, Imaging Physics Committee, Nuclear Medicine sub-committee, served as its chair for six years, continuing education course director for radionuclide imaging at the annual meetings, and currently is chair of TG177. He also services as AAPM liaison to the IEC and ARRT.

~ New AAPM Fellows ~



Michael F. McNitt-Gray, Ph.D.

Michael McNitt-Gray received his Ph.D. degree from the UCLA Biomedical Physics program in 1993. He joined the Department of Radiology faculty in 1994, where he is now professor as well as Director of the Biomedical Physics graduate program. Dr. McNitt-Gray has served in many capacities in the American Association of Physicists in Medicine, including serving on a number of CT related committees and Task Groups. He currently serves on the Scientific Program Subcommittee and is the incoming Chair of the CT subcommittee. He is board certified by the American Board of Radiology in Diagnostic Physics and currently serves on the American College of Radiology CT accreditation program as well as the ICRU committee on CT Patient Radiation Dose and Image Quality.



Andrzej Niemierko, Ph.D.

Andrzej Niemierko received his Ph.D. degree in Medical Physics from the Warsaw University in 1985. In 1987 he joined Michael Goitein in the Department of Radiation Oncology at the Massachusetts General Hospital in Boston where he is now Associate Professor of Radiation Oncology and Director of the Division of Biostatistics and Biomathematics. Dr. Niemierko has published over 80 papers in peer-reviewed journals and eight book chapters. He has been a member of four Editorial Boards and a lecturer at AAPM and ESTRO summer schools and ASTRO refresher courses. He has been active in a few AAPM task groups and coauthored the ICRU Report #83 on "Prescribing, Recording, and Reporting IMRT." His main interests are analysis, modeling, and optimization of radiotherapy outcomes and clinically relevant and scientifically sound technology assessment.



Xiaochuan Pan, Ph.D.

Xiaochuan Pan is a Professor in the Department of Radiology, Department of Radiation and Cellular Oncology, the College, the Committee on Medical Physics, and the Comprehensive Cancer Center at The University of Chicago. His research interest centers on physics, algorithms, and applications of tomographic imaging. Dr. Pan has received numerous awards, including IEEE NPSS Early Achievement Award and IEEE EMBS Technical Award for his contributions to medical imaging. He is also a Fellow of AIMBE, IEEE, OSA, and SPIE. Dr. Pan has served, and is serving, as the chair, a charter member, and/or a grant reviewer for funding agencies and foundations such as NIH and NSF, and is currently an associate editor, or an editorial board member, for a number of journals in the field. He has served, and is serving, as a chair or member of numerous technical committees of professional organizations such as IEEE and RSNA, and as a chair of programs, themes, and sessions, or as a technical or a scientific committee chair or member, for conferences such as IEEE EMBC, IEEE MIC, RSNA, AAPM, and MICCIA.

~ New AAPM Fellows ~



E. Ishmael Parsai, Ph.D.

E. Ishmael Parsai, a Professor of Radiation Oncology and Chief of Medical Physics at the University of Toledo Health Sciences Campus (UT-HSC) and the director of UT CAMPEP accredited graduate medical physics program. This program offers both M.S. and Ph.D. degrees in Medical Physics. Dr. Parsai's education includes B.S. degree in Electrical Engineering, M.S. in nuclear physics, and M.S. and Ph.D. degrees in Medical Physics. He is board certified by the ABMP (1995), and the ABR (2006), both in Radiation Oncology Physics. He is a full member of numerous scientific organizations including the AAPM (1986), ACMP (2000), ASTRO (1990), and the ACRO (1998).



Donald J. Peck, Ph.D.

Donald Peck received his B.S. in Medical Physics from Oakland University in 1989 and then his M.S. in Radiological Physics from Wayne State University in 1992. After obtaining his ABR certification in 1995 he returned to Oakland University to complete his Ph.D. under Joe Windham in 1999. He has worked at Henry Ford Health System in the Department of Radiology since 1988 and for the last 12 years has been the Division Head of Physics. Dr. Peck has served as a member or chair on many committees within the AAPM. He has also served on exam committees for the ABR and on several exam committees for the ARRT. He has been active in the ACR and was recently made a Fellow of the ACR. Dr. Peck has many publications and presentations throughout his career and has been the Principle Investigator or Co-Investigator on several NIH, NASA and ACRIN grants.



Robert A. Price Jr., Ph.D.

Robert A. Price Jr. received his Ph.D. from the Medical College of Ohio in 1998. Following graduation he joined Fox Chase Cancer Center where he is now an associate clinical professor and serves as the Chief Clinical Physicist in the Department of Radiation Oncology. Dr. Price has served the American Association of Physicists in Medicine both nationally and at the chapter level and is currently the chair of the Physics Curriculum for Radiation Oncology Medical Residents Subcommittee. He also serves as co-chair of the ASTRO Emerging Technologies Evaluation Subcommittee. He is board certified by the American Board of Radiology in Therapeutic Radiologic Physics. Dr. Price has published over 40 papers in peer-reviewed journals.



Mark J. Rivard, Ph.D.

Mark earned his doctorate from Wayne State University in 1998. After an ASTRO/AAPM sponsored medical physics residency at the Detroit Medical Center, he joined Tufts University in 1999 where he is professor and chief medical physicist. He is board certified by the ABMP (recertified in 2010). Mark has volunteered in numerous capacities within the AAPM (currently a member of the Board of Directors) while focusing on scientific and professional advancement of medical physicists. He has served on the *Medical Physics* editorial board since 2001, and chaired the AAPM Brachytherapy Subcommittee since 2006 with his brachytherapy physics expertise. Mark holds leading roles in other professional societies and is active within the American Nuclear Society (lifetime member), ASTRO, and ESTRO. He has served as editor for the JACMP and Applied Radiation and Isotopes journals.

~ New AAPM Fellows ~



Peter J. Rosemark, Ph.D.

Peter Rosemark received his Ph.D. in Medical Physics from UCLA in 1982. He was a radiation oncology physicist at Cedars-Sinai Medical Center from 1977 to 2003 and he has been a radiation oncology physicist at Torrance Memorial Medical Center in Torrance, California since 2003. Dr. Rosemark has been on the adjunct faculty of Radiation Oncology at UCLA since 1982. His research interests have included brachytherapy, stereotactic radiosurgery, and intensity-modulated radiation therapy. Dr. Rosemark has provided clinical training in radiation oncology physics to graduate students in the UCLA Biomedical Physics program. His service to the AAPM includes a term on the Board of Directors and President of the Southern California Chapter.



Narayan Sahoo, Ph.D.

Narayan Sahoo received his Ph.D. in Physics from State University of New York at Albany in 1986 and completed his post-doctoral training in medical physics at the Memorial Sloan Kettering Cancer Center in New York in 1992. He was in Radiation Oncology faculty at Albany Medical College from 1992 to 2004 (2000-2004: Associate Professor, 2002-2004: Chief Physicist). He joined UT MD Anderson Cancer Center (UTMDACC) in 2004 where he is now a professor and is the Director of the Proton Therapy Physics Fellowship program. He has served in a number of AAPM committees and is a member of two committees of ASTRO. He has served in thesis committees of a number of M.S./Ph.D. students in physics and medical Physics, and has also worked closely with many trainees in medical physics at UTMDACC on research projects.



George A. Sandison, Ph.D.

Dr. George Sandison has been a Fellow of the CCPM since 1990. During his career he has provided his medical physics expertise to national level committees both in Canada and the USA. As an academic and clinical medical physicist he has held leadership positions at three universities; Indiana University, University of Calgary and now University of Washington. Administratively he served for eight years as Associate Dean of the College of PNHS while concurrently serving as the Head of the School of Health Sciences, Purdue University. Dr. Sandison created two medical physics graduate programs; one between Indiana University and Purdue and the other at University of Calgary. The Indiana University-Purdue program now enrolls 20 graduate students per year and is currently under consideration for accreditation while the University of Calgary is accredited. Out of 103 peer-reviewed publications he has over 70 full scientific journal articles and currently serves as a regular member of the NIH SBMI-T grant panel.



Terry T. Yoshizumi, Ph.D.

Terry Yoshizumi received his Ph.D. degree from the University of Cincinnati in 1980 (Dr. Stephen Thomas, Advisor). He completed postdoctoral training at the Memorial Sloan-Kettering Cancer Center in 1981. In 1991 he joined the Yale University and taught resident physics. In 1997 he joined Duke University Medical Center, where he is now full professor of Radiology and Radiation Oncology. Dr. Yoshizumi has served many committees over the years in the AAPM. He also served as an Associate Guest Editor and Reviewer of *Medical Physics*. He is board certified by the ABR, ABMP and ABSNM. He has been active in various professional societies; in particular, he serves currently as Board of Directors in HPS and is on the HPS Finance Committee. Dr. Yoshizumi has published over 74 papers in peer-reviewed journals and has presented over 165 abstracts. He has nine award winning papers. He has currently being involved with multi-year NIH, NRC and industry grants totaling approximately \$ 27M.

~ Edith H. Quimby Lifetime Achievement Award ~



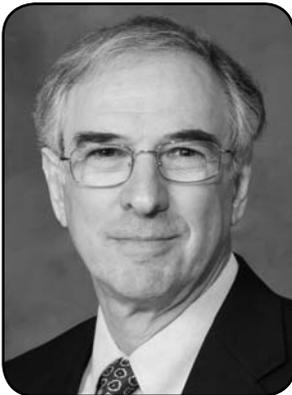
Joel E. Gray, Ph.D.

Dr. Gray received his Doctorate in Radiological Sciences from the University of Toronto. He was the first full-time diagnostic medical physicist at Mayo Clinic and instrumental in developing the program to eight medical physicists and fifteen medical imaging specialists before his retirement in 1997. Subsequently, he applied his medical physics expertise at Lorad (now Hologic), where he was instrumental in obtaining FDA approval for their digital mammography system. He then worked for Landauer where he developed the microStar system for patient dosimetry.

Dr. Gray has published over 160 papers in refereed journals, presented 49 scientific exhibits, and given 35 refresher courses. He has mentored 21 graduate students and taught over 250 radiology residents. He has visited 36 countries, mostly as an invited speaker at medical physics conferences.

More recently Dr. Gray has been working in the international community through the WHO and IAEA where he has co-authored 14 reports and educational slide sets, including Clinical Training of Medical Physicists Specializing in Diagnostic Radiology which is becoming the training standard throughout the world.

Dr. Gray is a Fellow of the AAPM and ACMP, has served as RSNA Vice President, on the AAPM Board of Directors, and on numerous AAPM and ACMP committees. He is an Emeritus Professor of the Mayo Clinic College of Medicine and is a Distinguished Emeritus Member of the NCRP, where he continues to serve as a Technical Consultant.



Martin S. Weinhaus, Ph.D.

Dr. Weinhaus (Marty) earned his B.S. in Physics from Rensselaer Polytechnic Institute and his M.S. and Ph.D. in Physics from the University of New Hampshire. His NASA-sponsored thesis concerned the polarization of the light from the 3-singlet-P to 2-singlet-S transition in proton-beam excited helium. He then served as a physics professor for six years. Looking for challenges and for ways to use his education to more directly help people, he switched into medical physics by taking a one-year post-doctoral trainee position under AAPM charter member Bob Schulz at Yale. Marty stayed on for an additional five years working under both Bob and Ravi Nath doing research projects in water calorimetry, Monte Carlo radiation transport calculations of dose-distribution enhancement by magnetic fields, and on improvements, with Jerome Meli, for determining P-ion for TG21 and TG51 calibrations. At the same time, Marty also began his immersion in the clinical practice of radiation oncology physics. In 1985 Howard Amols recruited him to Rhode Island Hospital/Brown University where he served as a clinical physicist and then as chief when Howard was recruited away. After two years, Marty moved on to the Mallinckrodt Institute of Radiology in St. Louis where his immersion in clinical practice continued and he became ABR certified. His professional development continued at Hahnemann University in Philadelphia, then at the Cleveland Clinic as Chief, and now at MetroHealth as Director.

At the 1980 Summer School Marty met charter member Arnold Feldman and was inspired by him to become an AAPM volunteer. Marty has since served on many task groups, committees, councils, the board of directors, Executive Committee, and as AAPM's 2003 President. He gratefully acknowledges that Arnold is in part responsible for his receiving this Quimby Award.

William D. Coolidge Award Recipients

1972	William D. Coolidge	1992	Nagalingam Suntharalingam
1973	Robert J. Shalek	1993	Colin G. Orton
1974	John S. Laughlin	1994	F. H. Attix
1975	Marvin M.D. Williams	1995	Robert Loevinger
1976	Harold E. Johns	1996	Leonard Stanton
1977	Edith E. Quimby	1997	James A. Purdy
1978	Lawrence H. Lanzl	1998	Bengt E. Bjarngard
1979	Herbert M. Parker	1999	Faiz M. Khan
1980	John R. Cameron	2000	Lowell L. Anderson
1981	James G. Kereiakes	2001	Ravinder Nath
1982	Gail D. Adams	2002	Bhudatt R. Paliwal
1983	Edward W. Webster	2003	Kenneth R. Hogstrom
1984	Robley D. Evans	2004	C. Clifton Ling
1985	Jack S. Krohmer	2005	Gary T. Barnes
1986	Warren K. Sinclair	2006	Ervin B. Podgorsak
1987	Gordon L. Brownell	2007	Arthur Boyer
1988	John R. Cunningham	2008	Paul L. Carson
1989	William R. Hendee	2009	Willi A. Kalender
1990	Peter R. Almond	2010	David W.O. Rogers
1991	Moses A. Greenfield		

~ AAPM William D. Coolidge Recipient for 2011 ~



Richard L. Morin, Ph.D.

Richard L. Morin, Ph.D., received his Ph.D. from the University of Oklahoma in Radiological Sciences in 1980. His dissertation concerned the use of Monte Carlo Simulation and Pattern Recognition for artifact removal in Computed Tomography. He is a Fellow of the American College of Radiology and a Diplomate of the American Board of Radiology in Diagnostic Radiological Physics and Nuclear Medical Physics. Dr. Morin is the Secretary-Treasurer and Trustee of the American Board of Radiology and the Chair of the Board of Trustees of the American Board of Imaging Informatics. Dr. Morin is a former President and Chairman of the Board of the American Association of Physicist in Medicine and the Board of Chancellors of the American College of Radiology.

Dr. Morin has presented numerous lectures at international and scientific meetings and has published over 80 research papers. His current research interests include computer applications in the Radiological Sciences with emphasis in electronic medical imaging and Computed Tomography physics with emphasis in CT Cardiovascular Imaging.

Congratulations to all of the Award Recipients!

