

*American Association
of
Physicists in Medicine*



Awards Ceremony

*July 25, 2000
Sheraton Chicago
Ballroom
Chicago, Illinois
6:00 pm*

*The American Association of Physicists in Medicine
was founded in 1958 to promote the application of physics to
medicine and biology, to encourage interest and
training in medical physics and related fields and
to prepare and disseminate technical
information in medical physics
and related fields.*

2000 Program

Welcome and Presentation of Awards

*Kenneth R. Hogstrom, Ph.D., FAAPM
AAPM President*

Moment of silence honoring deceased AAPM Members

AAPM Medical Physics Travel Grant

Paul J. Keall, Ph.D.

AAPM-IPEM Medical Physics Travel Grant

Chang-Ming Charlie Ma, Ph.D.

Farrington Daniels Award

John P. Balog, Ph.D.

Thomas R. Mackie, Ph.D., FAAPM

Paul J. Reckwerdt, B.S.

Marvin J. Glass, M.S.

Lisa Angelos, Ph.D.

Sylvia Sorkin Greenfield Award

Takayuki Ishida, Ph.D.

Shigehiko Katsuragawa, Ph.D.

Katsumi Nakamura, M.D.

Herbert MacMahon, M.D.

Kunio Doi, Ph.D.

AAPM Fellows

Komanduri M. Ayyangar, Ph.D., FAAPM

Daniel A. Bassano, Ph.D., FAAPM

Jerry J. Battista, Ph.D., FAAPM

Anthony R. Benedetto, Ph.D., FAAPM

James E. Carey, M.S., FAAPM

George Tze Youn Chen, Ph.D., FAAPM

Chen-Shou Chui, Ph.D., FAAPM

Bert M. Coursey, Ph.D., FAAPM

Kunio Doi, Ph.D., FAAPM

Michael Goitein, Ph.D., FAAPM

Lincoln B. Hubbard, Ph.D., FAAPM

M. Saiful Huq, Ph.D., FAAPM

Shirish K. Jani, Ph.D., FAAPM

Franca T. Kuchmir, Ph.D., FAAPM

Louis B. Levy, Ph.D., FAAPM

David A. Lightfoot, M.A., FAAPM

Ali S. Meigooni, Ph.D., FAAPM

Radhe Mohan, Ph.D., FAAPM

David Neblett, M.S., FAAPM

William J. Potvin, Jr., Ph.D., FAAPM

Raymond P. Rossi, M.S., FAAPM

Subhash C. Sharma, Ph.D., FAAPM

Rene J. Smith, Ph.D., FAAPM

Kenneth N. Vanek, Ph.D., FAAPM

Theodore Villafana, Ph.D., FAAPM

Martin S. Weinhaus, Ph.D., FAAPM

Recognition of AAPM Officers

Geoffrey S. Ibbott, Ph.D., FAAPM

James M. Galvin, D.Sc., FAAPM

Award for Achievement in Medical Physics

William F. Hanson, Ph.D., FAAPM

Mary L. Meurk, B.A.

William D. Coolidge Award

Lowell L. Anderson, Ph.D., FAAPM

Closing Remarks

Reception immediately following

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.

William D. Coolidge Award Recipients

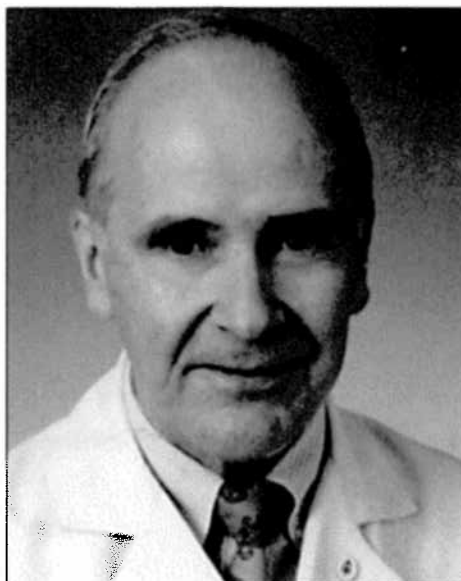
1972	William D. Coolidge	1987	Gordon L. Brownell
1973	Robert J. Shalek	1988	John R. Cunningham
1974	John S. Laughlin	1989	William R. Hendee
1975	Marvin M.D. Williams	1990	Peter R. Almond
1976	Harold E. Johns	1991	Moses A. Greenfield
1977	Edith E. Quimby	1992	Nagalingam Suntharalingam
1978	Lawrence H. Lanzl	1993	Colin G. Orton
1979	Herbert M. Parker	1994	F. H. Attix
1980	John R. Cameron	1995	Robert Loevinger
1981	James G. Kereiakes	1996	Leonard Stanton
1982	Gail D. Adams	1997	James A. Purdy
1983	Edward W. Webster	1998	Bengt E. Bjarngard
1984	Robley D. Evans	1999	Faiz M. Khan
1985	Jack S. Krohmer	2000	Lowell L. Anderson
1986	Warren K. Sinclair		

Award for Achievement in Medical Physics

The Achievement Award denotes outstanding career achievement in medical physics practice, education, or organizational affairs and professional activities.

AAPM Fellowship

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



AAPM William D. Coolidge Recipient for 2000

Lowell L. Anderson, Ph.D.

Lowell Anderson received his Ph.D. degree in biophysics from the University of Rochester in 1958. After an eleven-year appointment as biophysicist at Argonne National Laboratory, where he worked mainly on developing instrumentation for neutron dosimetry, he joined the Department of Medical Physics at Memorial Sloan-Kettering Cancer Center in New York. At Memorial, because of his neutron dosimetry background he was selected to coordinate a contract with the Department of Energy to evaluate the use of ^{252}Cf sources in interstitial brachytherapy. That project led to his long-time interest and specialization in brachytherapy physics. Lowell was head of Brachytherapy Physics until his retirement in 1998 and is currently Member, Emeritus at Memorial. He is certified in Radiological Physics by the American Board of Radiology and is a Fellow of the AAPM. He served on several Task Groups of the AAPM Radiation Therapy Committee, most recently on TG-64 on Permanent Prostate Seed Implant Brachytherapy. He is President this year of the AAPM's New York chapter, the Radiological and Medical Physics Society (ABS) and as Chairman of the ABS Physics Committee. He is currently an editor of the Journal of Brachytherapy International. In 1982, he was honored by the ABS as the 3rd Henschke Memorial Lecturer. In 1990, he received the Kurt Sauerwein Award, for scientific contributions to high-dose rate remote afterloading, from the German firm Isotopen Technik Dr. Sauerwein GmbH. At Memorial, Lowell was active in teaching and was, for many years, the coordinator of the Radiation Physics Lecture and Problem Course for residents and physics post-doctoral fellows. He served as advisor for many of these students in special projects that resulted in publications. He has presented numerous lectures on brachytherapy physics for the AAPM's Therapy Physics Review Course and as refresher courses at meetings of the American Society for Therapeutic Radiology and Oncology. Dr. Anderson has authored or co-authored 80 papers in peer-reviewed journals, as well as two books and 52 book chapters.



AAPM Award for Achievement in Medical Physics



William F. Hanson, Ph.D.

William Hanson received his Ph.D. in Physics, in 1971, from the University of Tennessee in Knoxville. After a one year post-doctoral training in Medical Physics at The University of Texas M. D. Anderson Cancer Center, he accepted a two year commitment to the fledgling Radiological Physics Center (RPC). In 1975 he was appointed Associate Director, and upon the retirement of Robert J. Shalek in 1985, Director of the RPC. He is currently the Chief of the Section of Outreach Physics, the Director of the RPC, and the Director of the ADCL at Anderson. As the RPC representative, Dr. Hanson has provided continuity for the AAPM Radiation Therapy Committee for the last quarter century. He has also served on some of the better-loved subcommittees and task groups of the AAPM (e.g., Task Group 40 on quality assurance, TG-51 Calibration Protocol, and the Low Energy Brachytherapy Subcommittee). As Director of the ADCL and the RPC, he has favorably impacted the quality of radiation treatment at the majority of megavoltage therapy facilities in the U.S. and Canada. And currently, in collaboration with the IAEA, he is working to extend Outreach Physics QA services to developing countries. Dr. Hanson has taught basic radiation physics to more than four hundred Radiation Oncologists, Physicists and Dosimetrists so far in his career. He is board certified in Therapeutic Radiological Physics from the American Board of Radiology, and is a Fellow of the AAPM. He has published 51 papers in peer reviewed Journals.



Mary L. Meurk, M.S.

Mary Meurk received her bachelors degree in physics from Wellesley College in 1948. After a year at the University of Geneva, Switzerland, she joined the Radiological Physics Staff at Memorial Hospital, New York. Under the guidance of Elizabeth Focht she received training in Radiation Oncology. Under John Laughlin, she worked on in vivo and computer aided patient dosimetry for both external beam and brachytherapy. In 1959 she joined the University of California, San Francisco working with Gail Adams on dosimetry for the 70 MeV synchrotron. In 1964 she joined Jerome M. Vaeth, M.D. in designing and building the Saroni Tumor Institute and headed the Division of Radiological Physics. In 1972 she and Dr. Vaeth established the West Coast Cancer Foundation where she was chief of Radiological Physics and is currently the President. She directed the AAPM's Western Center for Radiological Physics (1980-1986). She was one of four who obtained a patent for a mobile, self-shielded linear accelerator for use in intraoperative electron beam therapy, and formed Intraop Medical, Inc. where she is the Corporate Secretary. Over her career she has participated in training more than 150 Radiologists and is the author of 26 publications.

Ms. Meurk's activities in the AAPM include, Board Member-at-Large from 1968-1971, Chapter Representative 1972-1973, Member of the Scientific Committee 1968-1972, Chairperson, Coordination Program for the Centers for Radiological Physics 1973-1977, Member, Science Council 1982-1985 and Member, Professional Council 1982-1985.

Ms. Meurk is certified by the ABE, is a Fellow, American Association of Physicists and Fellow Emeritus, American College of Radiology.

New AAPM Fellows



Komanduri M. Ayyangar, Ph.D.

Komanduri Ayyangar received his Ph.D. degree in Nuclear Physics from Andhra University, India in 1965. He became an NIH fellow and worked with Dr. Gordon Brownell at Massachusetts General Hospital. He received his Clinical Medical Physics training at Thomas Jefferson University Hospital in 1975 and was board certified in Radiological Physics in 1978. He is currently a Professor at the University of Nebraska Medical Center. He has been active in teaching graduate students in Medical Physics. Dr. Ayyangar's achievements are in the areas of 3D pencil beam modeling for electron beams and the development of Monte Carlo based treatment planning for Stereotactic Radiosurgery. He participated in TG23, TG37 and the Rules Committee of the AAPM. He is a Physics Advisory Editor of Medical Dosimetry and an associate editor of Indian Journal of Medical Physics. Dr. Ayyangar has published over 62 papers in peer reviewed journals and 30 papers in proceedings and book chapters.



Daniel A. Bassano, Ph.D.

Daniel Bassano received his Ph.D. from Syracuse University in High Energy Physics. After a Research Associate appointment at Brookhaven National Laboratory, he did a year of post-doctoral training in Medical Physics at the University of Wisconsin, Madison. He then joined the University of Rochester for two years, moving to Upstate Medical University in 1975, where he is currently Professor and Director of Radiation Oncology Physics. Dr. Bassano has served as president of the Upstate NY chapter of the AAPM, Chair of the Commission on Accreditation of Medical Physics Training Programs, and as an AAPM Board Member. He is certified in Radiological Physics by the ABR. He has authored or co-authored approximately 50 papers. Dr. Bassano's current interests are prostate implants, internal dosimetry, Gamma Knife Radiosurgery, and conformal radiation therapy.



Jerry J. Battista, Ph.D.

Jerry Battista received his Ph.D. in Medical Biophysics from the University of Toronto (1977). After acquiring clinical physics experience at the Princess Margaret Hospital, he moved to the University of Alberta. At the Cross Cancer Institute (1979-88), he inspired a research team to develop convolution-based algorithms for 3D dose computations. As an enthusiastic mentor with a "Feynman style" of teaching, his graduate students have proceeded to earn international recognition, including the Farrington-Daniels Award (1986). In 1988, he returned to Ontario where he is currently Director of Physics Research and Education at the London Regional Cancer Centre, and Professor at the University of Western Ontario. He recently helped convince the Ontario government to invest \$1 million annually in medical physics residency programs. Dr. Batista served on the AAPM Scientific Program Committee, Task Group 65 and as a reviewer for Medical Physics. He has published over 55 peer-reviewed papers.



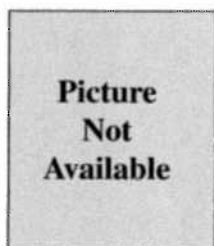
Anthony R. Benedetto, Ph.D.

Anthony Benedetto received his MEng ('70) and Ph.D. ('84) from Texas A&M University. He has been a medical physicist and a radiology department director, and he is now a special project manager at UT M. D. Anderson Cancer Center in Houston, Texas. He rose to the rank of Professor at UT Medical Branch in Galveston. Dr. Benedetto has served AAPM in a number of positions, including Summer School Director and Chairman, Publications Committee. Dr. Benedetto is board certified by the American Board of Science in Nuclear Medicine (physics and instrumentation), the American Board of Radiology (medical nuclear physics), and the American College of Healthcare Executives (healthcare management). He has been elected a Fellow of the American College of Nuclear Physicians and a Fellow of the American College of Radiology. Dr. Benedetto has published more than 40 peer-reviewed articles, chapters, and books.



James E. Carey, M.S.

James Carey received an M.S. degree in Radiological Health from the University of Michigan (1967). He joined the faculty of the Division of Nuclear Medicine at the University of Michigan and has an appointment in the Departments of Internal Medicine and Radiology and in the School of Public Health. Professor Carey has taught over 300 Radiology residents and 150 Nuclear Medicine fellows. He has mentored over 30 medical physicists. He was president of the Great Lakes Chapter of the AAPM (1975). Professor Carey served on the Board of Governors of the Central Chapter of the SNM (1976-1983) and was Elected President (1985). He served on the Board of Trustees of the Society of Nuclear Medicine (1986-1990). Professor Carey is a Diplomate of the ABR and the ABMP in Nuclear Medical Physics and a Diplomate of the ABSNM in Physics and Instrumentation. He is President of Ann Arbor based Medical Physics Consultants, Inc.



George T. Y. Chen, Ph.D.

George Chen received his Ph.D. from Brown University in 1972. After completing a postdoctoral fellowship in medical physics at the Harvard Joint Center for Radiation Therapy, he joined the staff at the Lawrence Berkeley Laboratory on the Heavy Ion Radiotherapy Project. In 1985, he was appointed Professor and head of radiotherapy physics at the University of Chicago. He is currently Head of the Division of Biophysics, Department of Radiation Oncology at the Massachusetts General Hospital in Boston, and Professor of Biophysics at Harvard Medical School. He has served as AAPM chapter president, member of the Radiation Therapy Committee, and liaison to ASTRO. Dr. Chen is a member of the Board of ASTRO. He is certified by the American Board of Radiology in Therapeutic Radiological Physics. Dr. Chen has authored or co-authored approximately 120 articles.



Chen-Shou Chui, Ph.D.

Chen-Shou Chui received his Ph.D. degree from Columbia University in 1985. He is Chief of Medical Physics Computer Service and Associate Attending Physicist at Memorial Sloan-Kettering Cancer Center. Dr. Chui has served as an Associate Editor of Medical Physics and as a member of various Task Groups and Committees in the American Association of Physicists in Medicine. He is currently a member of the Intensity-Modulated Radiation Therapy Subcommittee. Dr. Chui is board certified by the American Board of Radiology in Therapeutic Radiological Physics. His research interests include radiation dosimetry, optimization algorithms and the use of computers in radiation therapy. Dr. Chui has supervised a number of graduate students and post-doctoral fellows and has published over 60 papers in peer reviewed journals.



Bert M. Coursey, Ph.D.

Bert Coursey received his Ph.D. degree from the University of Georgia in 1970. After serving in the U.S. Army Corps of Engineers, he joined the Radioactivity Section at the National Bureau of Standards (currently the National Institute of Standards and Technology). He has served as Group Leader for dosimetry and is now the Chief of the NIST Ionizing Radiation Division. He has been active in development of radioactivity standards for nuclear medicine and more recently standards for brachytherapy. He serves on the ADCL and the Low-Energy Brachytherapy subcommittees of Radiation Therapy Committee, and has been a member of TG 51 (the new high energy beam protocol) and TG 55 (methods in radiochromic dosimetry). He is the Editor-in-Chief of Applied Radiation and Isotopes, and one of the founders of the Council on Ionizing Radiation Measurements and Standards. Dr. Coursey has published over 75 papers in peer reviewed journals.



Kunio Doi, Ph.D.

Kunio Doi received his Ph.D. degree from Waseda University, Tokyo, Japan in 1969. He then joined the Department of Radiology, University of Chicago, where he is Professor and Associate Chair for Research in Radiology, Director of the Kurt Rossmann Laboratories, the Ralph W. Gerard Professor in the Division of Biological Sciences. Dr. Doi has served as an Integration Panel member of the Department of Defense's Breast Cancer Research Program, Director of the Graduate Programs in Medical Physics at The University of Chicago, and Associate Editor of Medical Physics. He has received numerous honors including the Memorial Lecture Award from the Upstate New York Chapter of the AAPM, the Landauer Memorial Award from the San Francisco Chapter of AAPM, the Eugene P. Pendergrass Lecture at the University of Pennsylvania and the Umetani Award of the Japanese Society of Radiological Technology. Dr. Doi has published over 410 papers.



Michael Goitein, Ph.D.

Michael Goitein attended Oxford University, obtained a Ph.D. in high energy physics from Harvard in 1968. In 1972, he began a career in Medical Physics at Massachusetts General Hospital and is now a Professor at Harvard Medical School. He developed one of the early CT reconstruction algorithms and conducted some of the first studies of the value of CT in radiation therapy. He developed probably the first clinical 3D planning programs and, with his MGH colleagues, introduced many widely-used concepts including dose-volume histograms, digitally reconstructed radiographs, and beam's eye view planning and error analysis of dose distributions. He developed a proton cancer treatment program at the Harvard Cyclotron Laboratory and is presently responsible for the development of the Northeast Proton Therapy Center. He has pioneered the use of biological modeling, developing a model of tumor control probability and, with Niemierko, models of Normal Tissue Complication Probability and approaches to treatment optimization.



Lincoln B. Hubbard, Ph.D.

Lincoln Hubbard, Ph.D., is a consultant radiological physicist in the Midwest. He was educated in physics at the University of New Hampshire and the Massachusetts Institute of Technology. In 1974 he joined Mt. Sinai Hospital in Chicago. The next year he joined T. Fields and C. Griffith in their consulting group. He is certified by the ABR and the ABHP. Dr. Hubbard joined the AAPM in 1967, was a charter member of the Southeast Chapter, and Midwest Chapter president during the 1984 annual meeting in Chicago. In the 1980's became active with the ABR both as an oral examiner and with the physics written exam. Also in the 1980's he joined Larry Lanzl in creation of a medical physics teaching program at Rush University. In the late 1980's he was the lead physicist in the Illinois Radiological Society in the development of their mammography accreditation program, which became the ACR Mammography Accreditation Program.



M. Saiful Huq, Ph.D.

M. Saiful Huq received his Ph.D. degree in physics from The College of William and Mary in 1984. After completing an NCI postdoctoral fellowship program at the Yale University School of Medicine, he joined the Department of Radiation Oncology at Thomas Jefferson University Hospital where he is Clinical Director of the Medical Physics Division and is Associate Professor at Jefferson Medical College. Dr. Huq has served on many AAPM Task Groups and Committees including TG51. He is a member of the IAEA Task Group responsible for producing the new International Code of Practice based on standards of absorbed dose to water. He is Director of the Dosimetry Section of the Radiation Therapy Oncology Group. Dr. Huq is a diplomate of the American Board of Radiology in Therapeutic Radiological Physics, was co-recipient of the Farrington Daniels award, and has published 41 papers in peer-reviewed journals and written three book chapters.



Shirish K. Jani, Ph.D.

Shirish Jani received his Ph.D. in Molecular Physics from North Texas State University in 1980. After completing a post-doctoral fellowship at Medical College of Virginia, he joined the Division of Radiation Oncology at the University of Iowa School of Medicine. In 1985, he became the Chief of Clinical Physics. Since 1993, Dr. Jani has been the Director of Medical Physics at Scripps Clinic in La Jolla, CA. He is certified by the ABR and ABMP. He has served on many AAPM task groups and is an active member of the ACR Commission on Medical Physics. He serves as an oral examiner for the American Board of Radiology. Dr. Jani is a Fellow of the American College of Radiology. He has written three books, fifteen book chapters, and has authored 35 papers. Dr. Jani is on the Editorial Board of two peer-reviewed journals and serves as a reviewer for several journals.



Franca T. Kuchnir, Ph.D.

Franca Kuchnir received her Ph.D. in Nuclear Physics from the University of Illinois at Urbana in 1966. After completing a postdoctoral fellowship in Medical Physics at the University of Chicago, she joined the Faculty and is now Associate Professor and Associate Director in the Section of Medical Physics, Department of Radiation and Cellular Oncology. Dr. Kuchnir is board certified by the American Board of Radiology in Therapy Physics. She was a member of the AAPM task group on Neutron Dosimetry from 1978 to 1990 and on the Presidential Ad Hoc committee on women in the AAPM from 1996 to 1998. Dr. Kuchnir has mentored twelve postdoctoral fellows in Medical Physics. She is currently the Director of the Medical Physics Residency program at the University of Chicago. Dr. Kuchnir has published over 80 papers in peer reviewed journals.



Louis B. Levy, Ph.D.

Louis Levy, is Radiological Physics Associates' senior medical physicist (34 year's experience), founder and managing partner. After graduating from Southern University at Baton Rouge, Louisiana in 1956, he served as a Colonel in the United States Army, Medical Command. During that period he helped to established the Radiation Oncology program at Brooke Army Medical Center, Fort Sam Houston, Texas. He retired from the Army after 24 years in 1980. In 1962 Dr. Levy earned a Master of Science degree from the University of Rochester and completed his formal education in 1974 at the University of Texas Health Science Center at San Antonio, earning a doctoral degree in Biophysics. Dr. Levy's residency in Radiological Physics was at Walter Reed Army Medical Center, Washington, D.C. from 1966 to 1968. He is certified in Radiological Physics by the ABR and in Radiation Oncology Physics by the ABMP, and is a Fellow of the ACR.



David A. Lightfoot, M.A.

David Lightfoot received his M.A. degree from Temple University in 1964. He trained under Leonard Stanton in the X-ray Department at Hahnemann Medical School and Hospital beginning in 1961. Professor Lightfoot was certified in Radiological Physics by the American Board of Radiology in 1971 and has served on the ABR Radiation Therapy Written Examination committee. He served Hahnemann for two decades as the Technical Director of the Delaware Valley Regional Radiation Therapy Treatment Planning Center and is currently Professor of Radiation Oncology (Medical Physics) at MCP-Hahnemann University. Professor Lightfoot recently changed employment to become Radiation Oncology Physicist and Radiation Safety Officer at the Grand View Hospital in Sellersville, Pennsylvania. He has served the Delaware Valley Chapter as President and as Board Representative and has served the AAPM as liaison to the ARRT and as a member of the Insurance and Computer committees. Professor Lightfoot's curriculum vitae lists 41 publications.



Ali S. Meigooni, Ph.D.

Ali Meigooni received a B.S. in Physics from Tehran University (1976), an M.S. degree in Physics from Ohio University (1980) and his Ph.D. from Ohio University in Experimental Nuclear Physics (1984). He was a Post-Doctoral Associate at the University of Minnesota Hospital, and a Research Associate at Yale University School of Medicine. In 1990 he became Assistant Professor at the Mallinckrodt Institute of Radiology. In 1994, Dr. Meigooni moved to the University of Kentucky in Lexington, Kentucky where he is presently an Associate Professor in the Department of Radiation Medicine. He is known for his work with brachytherapy sources. He has also investigated the characteristics of several dosimeters, including TLD and radiochromic film. Dr. Meigooni became certified by the American Board of Radiology in 1997. He has been an active member of the AAPM, has participated in several committees and task groups, and has been active in several AAPM chapters.



Radhe Mohan, Ph.D.

Radhe Mohan received his Ph.D. degree in theoretical nuclear physics from Duke University, Durham, NC in 1969. He then spent two years as a post-doctoral fellow at Rutgers University, New Brunswick, NJ before joining Memorial Sloan-Kettering Cancer Center in 1971, where he rose from the rank of assistant physicist to that of Member, MSKCC and Associate Chairman of the Department of Medical Physics. In 1996 became Professor and Director of Radiation Physics of the Medical College of Virginia Hospitals, Richmond, VA. Dr. Radhe has served AAPM as a member of the Computer Applications and Radiation Therapy committees and as a member and chairman of several task groups of these committees. He is board certified by the American Board of Radiology in Radiation Therapy Physics. Dr. Mohan has published over 150 papers and book chapters.



David L. Neblett, M.S.

David Neblett, M.S., received his education at the University of Cincinnati, Washington University, and California State University-Los Angeles. Mr. Neblett has provided physics services in a broad range of environments including the University of Southern California, Scripps Clinic (a private hospital), as a consultant and as the founder and CEO of Radiation Oncology Computer Systems, Inc. His AAPM activities include the Legislative and Regulatory Committee, Summer School Subcommittee, 1994 Brachytherapy Summer School Local Arrangements Chair and Southern California Chapter offices. He is certified by the American Board of Radiology in Therapeutic Physics and is a fellow of the American College of Medical Physics. He has served as president and board chairman of the California Association of Medical Physicists in an effort to obtain licensure of medical physicists. Mr. Neblett's contributions to medical physics include early work with dynamic wedges, brachytherapy templates, and innovations in treatment planning software.



William J. Potvin, Jr., Ph.D.

William Potvin received his Ph.D. from the University of Toledo in 1971. His interest in medical physics led to a National Science Foundation fellowship, which he completed at the Medical College of Ohio, under the direction of Joe P. Windham. He then joined the faculty there, where he was Associate Professor and Director of Diagnostic Medical Physics. Dr. Potvin has served on the Nuclear Medicine, Legislation and Regulation, and Training of Technologists Committees of the AAPM, as well as the Educational Council. He is a member of the American College of Radiology, having served on its Committee on Education. Dr. Potvin was appointed to the Governor of Ohio's Blue Ribbon Commission and Ohio Radiation Advisory Council, serving as Chair. He is certified by the American Board of Radiology in Diagnostic Radiological and Medical Nuclear Physics. Dr. Potvin has mentored 21 graduate students and his over 50 publications and presentations deal mainly with patient dose determinations.



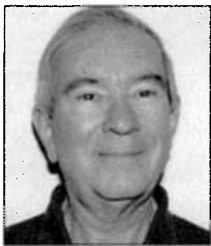
**Raymond P. Rossi, M.S.
(Deceased)**

Raymond Rossi received his Master of Science degree in Physics from DePaul University in 1969. After serving as Radiation Safety Officer at Michael Reese Hospital in Chicago for six years, he joined the Medical Physics faculty of the School of Medicine of the University of Colorado Health Sciences Center in 1975. While serving multiple terms on the Diagnostic X-Ray Imaging Committee of the American Association of Physicists in Medicine, Professor Rossi chaired or served as a member on multiple Task Group Reports concerning acceptance testing and quality control of imaging equipment. He was board certified by the American Board of Radiology in Diagnostic Radiological Physics. Professor Rossi was also active in the American College of Radiology, Health Physics Society, National Council of Radiation Protection and Measurements, and Society for Radiological Engineering. Professor Rossi published 14 book chapters and over 65 papers in peer reviewed journals.



Subhash Sharma, Ph.D.

Subhash Sharma received his Ph.D. degree from the University of Nebraska (1971). After completing his fellowship in Medical Radiation Physics at the M.D. Anderson Hospital he became an instructor in Radiation Oncology at the Washington University School of Medicine (1976). He served as assistant professor at the University of Minnesota (1978-1981) and Associate Professor at the University of Louisville (1981-1988). Since 1988, he has been at the Sparrow Health System in Lansing, Michigan, as Director of Medical Physics and Clinical Professor at Michigan State University and Wayne State University. He has served in many capacities in the AAPM. He was instrumental in setting up the first Medical Physics Review course in 1987. He is the recipient of AAPM-IPSM travel award. Dr. Sharma is board certified by ABR in Radiation Oncology and Diagnostic Radiology Physics and is a Fellow of the ACR. Dr. Sharma has 58 papers in peer-reviewed journals and 67 abstracts and paper presentations.



Rene J. Smith, Ph.D.

Rene Smith received his Ph.D. from the Medical College of Virginia, Virginia Commonwealth University in 1973, and joined the Medical Physics Department at Memorial Sloan-Kettering Cancer Center. He is certified by the American Board of Radiology and the American Board of Medical Physics. Dr. Smith is the Chief Medical Physicist at the Reading Hospital and Medical Center, where his responsibilities include teaching Physics to Radiology residents and to Radiologic Technology students. He has served the New Jersey chapter as both Board Representative and as President. He is currently the Board representative for the Delaware Valley Chapter, where he also served as president. During the 1996 AAPM Annual Meeting in Philadelphia, he chaired the Local Arrangements Committee. Dr. Smith is a member of several AAPM committees and is the chairperson of the Regional Organization Committee.



Kenneth N. Vanek, Ph.D.

Kenneth Vanek received his Ph.D. degree from the University of Florida in 1976. In 1998, after 20 years in the United States Air Force, 10 years as Medical Physics Director at H. Clay Evans Johnson Cancer Treatment Center in Tennessee, he joined the Medical University of South Carolina as Associate Chairman of the Department of Radiation Oncology. Dr. Vanek has served in many capacities within the American Association of Physicists in Medicine during the past 20 years. He is currently chair of the Continuing Education Annual Meeting Refresher Course Subcommittee and serves as a member of the Programs Committee. He is board certified by the ABR and the ABMP. He has also been active professionally in the ACR, RSNA, and ACMP. Dr. Vanek has published four articles in peer reviewed journals, taught several refresher courses, and been a guest speaker at approximately 16 national meetings.



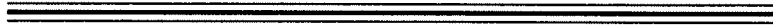
Theodore Villafana, Ph.D.

Theodore Villafana received the Ph.D. degree from John Hopkins University (1969). Prior to that he served at the Columbia Presbyterian Hospital and Montefiore Hospital (Pittsburgh). After receiving his Ph.D. he joined the Atomic Energy Commission at the University of Puerto Rico. After an Assistant Professorship at the George Washington University he attained full professorship status working in imaging physics at Temple University. Dr. Villafana is currently at the Drexel-MCP Hahnemann University serving as Head of the Radiation Physics and Safety Division. He has served in many capacities at both the national and chapter levels of the AAPM. Currently he is on the Training of Radiologists Committee, the International Scientific Exchange Task Force as well as being the AAPM liaison to the Dominican Republic, Cuba and Puerto Rico through the International Affairs Committee. Dr. Villafana has published in the area of CT scanning and mammography co-developing the present dosimetry of the ACR Mammography Accreditation Program.



Martin S. Weinhaus, Ph.D.

Martin Weinhaus received his Ph.D. in experimental atomic physics from the University of New Hampshire in 1974. After teaching college physics for six years he changed careers and took a postdoctoral traineeship in Radiological Physics at Yale University. He stayed on at Yale for an additional five years in a mostly research capacity. He then served in the physics groups at Brown-Rhode Island Hospital for two years, the Mallinckrodt Institute of Radiology for three, and Hahnemann University for three years. In 1994 Dr. Weinhaus was recruited by the Cleveland Clinic as the Chief of the Section of Medical Physics. He has served the AAPM in many capacities including task group and committee memberships, committee chairmanships, council membership, summer school faculties, and several terms on the Board of Directors. Dr. Weinhaus is board certified by both the ABR and the ABMP. He has published several book chapters and over 25 papers in peer-reviewed journals.



Farrington Daniels Award

The Farrington Daniels Award for the best paper on Radiation Dosimetry published in Medical Physics in 1999 is presented to:

John P. Balog, Ph.D.

Thomas R. Mackie, Ph.D.

Paul J. Reckwerdt, M.S.

Marvin J. Glass Jr., M.S.

Lisa Angelos, Ph.D.

for their paper entitled "Characterization of the output for helical delivery of intensity modulated slit beams," Med. Phys. 26 (1), January 1999, pp. 55 - 64..

Sylvia Sorkin Greenfield Award

The Sylvia Sorkin Greenfield Award for the best paper (other than Radiation Dosimetry) published in Medical Physics for 1999 is presented to:

Takayuki Ishida, Ph.D.

Shigehiko Katsuragawa, Ph.D.

Katsumi Nakamura, M.D.

Herber MacMahon, M.D.

Kunio Doi, Ph.D.

for their paper entitled, "Iterative image warping technique for temporal subtraction of sequential chest radiographs to detect interval change," Med. Phys. 26 (7) 1999, pp. 1320-1329.
