

*American Association
of
Physicists in Medicine*



Awards Ceremony

*August 10, 1998
Hyatt Regency San Antonio
Regency Ballroom
San Antonio, Texas
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.*

1998 Program

Welcome and Presentation of Awards

Lawrence N. Rothenberg, Ph.D., FAAPM
AAPM President

Young Investigators Competition

AAPM Medical Physics Travel Grant

Roger H. Johnson, Ph.D.

Farrington Daniels Award

Corey E. Zankowski, Ph.D.
Ervin B. Podgorsak, Ph.D., FAAPM

Sylvia Sorkin Greenfield Award

Scott N. Hwang, Ph.D.
Felix W. Wehrli, Ph.D.
John L. Williams, Ph.D.

AAPM Fellows

Frank J. Bova, Ph.D., FAAPM
Priscilla F. Butler, M.S., FAAPM
Ramesh Chandra, Ph.D., FAAPM
Edward L. Chaney, Ph.D., FAAPM
James C. H. Chu, Ph.D., FAAPM
Larry A. DeWerd, Ph.D., FAAPM
Robert L. Dixon, Ph.D., FAAPM
Paul N. Goodwin, Ph.D., FAAPM
Charles Richard Griffith, M.S., FAAPM
R. Edward Hendrick, Ph.D., FAAPM
John L. Horton, Jr., Ph.D., FAAPM
Richard G. Lane, Ph.D., FAAPM
Ralph P. Lieto, M.S., FAAPM
Christopher H. Marshall, Ph.D., FAAPM

Richard L. Maughan, Ph.D., FAAPM
Richard L. Morin, Ph.D., FAAPM
J. Thomas Payne, Ph.D., FAAPM
Lawrence E. Reinstein, Ph.D., FAAPM
James E. Rodgers, Ph.D., FAAPM
Ulf F. Rosenow, Ph.D., FAAPM
Surendra N. Rustgi, Ph.D., FAAPM
Cheng B. Saw, Ph.D., FAAPM
Michael C. Schell, Ph.D., FAAPM
Don D. Tolbert, Ph.D., FAAPM
Marilyn C. Wexler, M.S., FAAPM

Award for Achievement in Medical Physics

John Hale, Ph.D., FAAPM
Jon H. Trueblood, Ph.D., FAAPM
Kenneth A. Wright, M.S., FAAPM

William D. Coolidge Award

Bengt E. Bjarngard, Ph.D., FAAPM

Closing Remarks

Reception immediately following in the Rio Grande Ballroom

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

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 1998

Bengt E. Bjarngard, Ph.D.

Bengt Bjarngard received his graduate training at the University of Lund, Sweden. His thesis in radiological physics (1962) was on spectra of scattered x-rays and on doses in dental radiography. He worked in the nuclear power industry 1961-65 on solid-state dosimetry and the consequences of reactor failure. He joined a commercial company in the US in 1965 as manager of a radiation-instrument division. He became the Director of Physics of the Harvard Joint Center for Radiation Therapy when it was established in 1968. He organized (with others) graduate training in radiological physics at Harvard (1970) and postdoctoral training in physics of radiotherapy (1973). The physics research work at the JCRT pioneered in 1974-86 the computer-controlled techniques that are now called conformal and intensity-modulated radiation therapy. Dr. Bjarngard was promoted to Professor of Radiation Therapy in 1980 and served at Harvard Medical School until 1989. He held similar positions at Brown University 1989-1995 and has since 1995 been Vice Chair, Director of Physics and Professor of Radiation Oncology at the University of Pennsylvania. Dr. Bjarngard has been an advisor to NCI, NRC, FDA, and IAEA. He has served AAPM in many capacities, e.g. as the chair of the Committee on Training of Medical Physicists when it was formed in 1973. He was President of the AAPM in 1979. He has also been active in ASTRO, ACR and RSNA. He was the first Physics Editor of *International Journal of Radiation Oncology, Biology, Physics* 1974-88 and is currently an Associate Editor of *Medical Physics*. His 150 publications span many subjects and emphasize thermoluminescence dosimetry, conformal therapy, and data for description of x-ray beams.

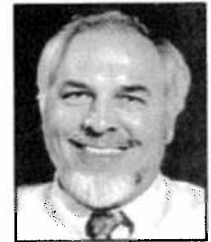
AAPM Award for Achievement in Medical Physics

John Hale, Ph.D.



John Hale graduated from Duke University in 1943 and then served for five years in the United States Navy. Following discharge he entered the University of Pennsylvania Moore School of Electrical Engineering where he received his doctoral degree in 1957. He then joined the Department of Radiology in the Hospital of the University of Pennsylvania where he remained until his retirement in 1987 as Emeritus Professor. He has held many positions in AAPM including President 1961-1962, and was on the Board of Directors, 1958-1963. He was on the Editorial Board of the Yearbook of Cancer, 1964-1969, and American Editor of Physics in Medicine and Biology, 1969-1976. He has been a Fellow of the AAPM, and is board certified in Radiological Physics and Health Physics. In 1976 he received a service award from the AAPM. He has published one book, and has had eight chapters in other books, as well as over forty other publications.

Jon H. Trueblood, Ph.D.



Dr. Jon Trueblood received his doctoral degree in Nuclear Physics from the University of South Carolina. He is certified in Radiological Physics by the ABR and is a fellow of AAPM and ACR. He is Professor and Director of Medical Physics, Research and Multimedia Educational Materials Production in the Department of Radiology at the Medical College of Georgia and also Adjunct Professor, Department of Nuclear Engineering and Health Physics at the Georgia Institute of Technology. Dr. Trueblood has served more than 50 roles within medical physics organizations. He has served as director or co-director of more than 40 AAPM review courses and symposia and was co-director of the 1993 summer school. As Vice Chairman of CAMPEP, he has been instrumental in developing an accreditation program which provides for Medical Physics Continuing Education Credit (MPCEC). He currently serves as Chairman of the ACR-CMP Physics Education Committee. He is an exam writer for the ABR. He has also served on RSNA committees and on the RSNA Education Council.

Dr. Trueblood currently serves on two Georgia Radiation Control Advisory Councils. He has published a number of articles on radiation control regulations and has published annual revisions of the popular "MEDICAL HP FACT SHEET."

Dr. Trueblood has co-authored more than 90 publications and is co-editor of AAPM Monograph 22. He holds the patent for performing lacrimal (eye) drainage studies using a microscintigraphy, pinhole collimator technique. He has presented 17 scientific or educational exhibits, of which three have received RSNA "Certificates-of-Merit."

Kenneth A. Wright, M.S.



Kenneth A. Wright received a Master of Science degree in 1956 from the Massachusetts Institute of Technology. He served in the army with the RAF in England and in the Mediterranean Theater of Operations.

In 1947, he joined John Trump's M.I.T. High Voltage Research Laboratory. After 2 MeV x-ray phantom studies with multi-portal and rotational techniques, a clinical program was started in 1949 at Lahey Clinic. Low megavolt electron beam therapy for total skin and small field treatments was introduced in 1951. Special techniques developed included scanning methods for breast irradiation, opposing shaped portals for lymphomas with compensating absorbers, rotational treatments including small fields, large fields, synchronous protection, and synchronously shaped fields.

Mr. Wright is a charter member of the AAPM, served as a Board member, on various committees and as chairman of the Radiation Therapy, the Centers for Radiological Physics Coordinating, and the Awards and Honors Committees. He suggested development of a single protocol for high energy x-ray and electron dosimetry. TG-21 was formed and developed the current protocol.

For over five decades, he worked with M.I.T. departments in determining the radiation doses required to sterilize, pasteurize, and modify materials. Many medical applications resulted including radiation sterilization and clinical use of aortas, heart valves and bone chips. The acetabular cup used in hip replacements was modified with radiation and is expected to last much longer than previously. He demonstrated the feasibility of disinfection of sewage sludge by electron beam irradiation in a pilot plant study.

New AAPM Fellows

Frank J. Bova, Ph.D.



Frank Bova is a Professor in the Department of Radiation Oncology. He holds appointments in the Department of Neurosurgery and Neuroscience, and Nuclear Engineering Sciences at the University of Florida. Dr. Bova, with Dr. William Friedman of the Department of Neurosurgery, has developed the patented University of Florida Radiosurgery system. He holds patents in the area of medical imaging. His research is in the area of radiosurgery and computer assisted neurosurgery. He has been appointed as the Einstein Professor of Computer Assisted Stereotactic Neurosurgery. Dr. Bova is also active within the ABR written exam for Radiation Oncologists. He is a Technical Advisor to the International Electrotechnical Commission (IEC) in radiotherapy and Past Chair of the US Technical Advisory Group (62C) to the IEC. He has served on numerous committees of the AAPM. Dr. Bova has been an active member of the University of Florida's Medical Physics program and chaired numerous student committees.

Priscilla F. Butler, M.S.



Priscilla (Penny) Butler received her Master of Science degree from the University of Florida in 1976. After graduation, she worked for the FDA's Bureau of Radiological Health. She later joined the faculty of the George Washington University in Washington, D.C. When the University partnered with Universal Health Services in 1997, she joined the University Hospital. Ms. Butler has been active in the AAPM, co-chairing the Local Arrangement Committee for the 1993 Annual Meeting in Washington, D.C. and serving on its Board of Directors. She also serves on a number of committees of the American College of Radiology including the Commission on Physics and Radiation Safety, the Breast Task Force, and the Subcommittee on Mammography Physics (chair). She served on FDA's first National Mammography Quality Assurance Advisory Committee and the Agency for Health Care Policy and Research's Panel for Quality Determinants of Mammography. Ms. Butler is certified by the American Board of Radiology in Diagnostic Radiological Physics.

Ramesh Chandra, Ph.D.



Ramesh Chandra received his doctoral degree in Physics from the Boston University in 1968. After spending two years as a Post Doctoral Fellow with Dr. G. Brownell at the Massachusetts General Hospital, he joined the Department of Radiology in 1970, where he is now a Professor of Radiology. Dr. Chandra has served in many capacities in the American Association of Physicists in Medicine, including a Co-directorship of the Summer School, "Update on Physics of Nuclear Medicine" in 1983. He is currently a member of several Committees and serves as an Associate Editor of *Medical Physics*. He is the author of a textbook, "Nuclear Medicine Physics-- The Basics," which is now in its fifth edition. He is also a Co-Editor of the book "Physics of Nuclear Medicine, Recent Advances," published by American Association of Physicists in medicine. Dr. Chandra has published over 90 papers in peer reviewed journals.

Edward L. Chaney, Ph.D.



Edward Chaney received his doctoral degree from the University of Tennessee (1969). After completing a postdoctoral fellowship at the University of Western Ontario, in 1972 he accepted a position as Assistant Professor in the Department of Radiology at the University of Colorado Health Sciences Center. Since 1979 Dr. Chaney has been the Director of the Physics Division in the Department of Radiation Oncology at the University of North Carolina, where he now holds the title of Professor. Dr. Chaney has participated in AAPM activities in several capacities, including serving on and chairing a number of committees, serving on the Board of Directors, and serving as Editor of *Medical Physics*. He is a diplomate of the American Board of Radiology and a Fellow of the American College of Radiology. He currently is a Physics Trustee and Assistant Executive Director of the ABR. Dr. Chaney has published more than 75 peer-reviewed articles.

James C. H. Chu, Ph.D.



James C. H. Chu received his doctoral degree from the U.T. M. D. Anderson Cancer Center in 1978. After serving as an Associate Professor at the University of Pennsylvania School of Medicine as well as Chief Physicist at Fox Chase Cancer Center in Philadelphia, he is now Professor and Chairman of the Department of Medical Physics at Rush Medical Center in Chicago. He has served on many committees and is currently on the Board of Directors of the AAPM. He has also served as an Associate Editor of International Journal of Radiation Oncology Biology and Physics. Dr. Chu is board certified by the American Board of Medical Physics in Radiation Oncology Physics and by the American Board of Radiology in Diagnostic and Therapeutic Radiological Physics. He is also a Fellow of the American College of Radiology. Dr. Chu has published over 120 papers and abstracts in peer reviewed journals.

Larry A. DeWerd, Ph.D.



Larry A. DeWerd received his doctoral degree from the University of Wisconsin in 1970. After serving as Assistant Research Professor at the University of Washington-Seattle for 5 years, he returned to the Department of Medical Physics at the University of Wisconsin. He achieved full Professor of Medical Physics in 1990. Dr. DeWerd has served the AAPM in a number of capacities, such as chair of task groups and president of the North Central Chapter of the AAPM. He is also the Director of the Accredited Dosimetry Calibration Laboratory at the University of Wisconsin. He has served on a number of international, national and state committees involving medical physics and as President of the Council of Ionizing Radiation Measurements and Standards. Dr. DeWerd has published over 75 peer reviewed research papers, technical reports and conference manuscripts and contributed seven chapters to published books and has given over 100 presentations.

Robert L. Dixon, Ph.D.



Robert Dixon received his doctoral degree in physics from the University of South Carolina in 1970. He joined the faculty of Wake Forest University School of Medicine that same year and is now Professor of Radiology and head of diagnostic physics at that institution. Dr. Dixon has served the AAPM as President, Chairman of the Science Council, Chairman of the Board (to mention a few), and is currently Editor of the AAPM Newsletter. He is certified by the ABR in Diagnostic, Nuclear, and Therapy physics. He is a Fellow of the American College of Radiology, and also has served as Third Vice President of the RSNA. Dr. Dixon also holds the Boy Scout Cooking Merit Badge.

Paul N. Goodwin, Ph.D.



Paul Goodwin received his doctoral degree in Medical Physics from the Institute of Cancer Research, University of London in 1959. He served as a radiotherapy physicist at Johns Hopkins. In 1966 he became chief physicist at Columbia-Presbyterian Hospital in New York. From 1971 to 1994 he served as Chief Physicist and Associate Professor of Radiology at Albert Einstein College of Medicine, becoming Emeritus in 1994. He is board-certified by ABR and ABMP and is a Fellow of the ACMP. He is a Charter Member of AAPM, co-founder of the Baltimore-Washington Chapter, and was an AAPM Board member. Dr. Goodwin has served on teaching committees for AAPM and ACR, has been a board examiner for ABR and ABMP, was President of RAMPS, and is currently on the AAPM History Committee. He has co-authored two books, written chapters for four other books, and published 50 peer-reviewed articles and abstracts.

Charles Richard Griffith, M.S.



After receiving his Master of Science degree from Miami University in 1949, Charles Griffith joined the Faculty at the College of Wooster. He was RSO and Cryogenic Engineer for a task group at the last A-Bomb and the first H-Bomb tests in the Marshall Islands. After three years at Ohio State University Medical Center he was certified in Radiological Physics by the American Board of Radiology and is a Fellow in the American College of Radiology. He is an Honorary Member of the American Osteopathic College of Radiology and an examiner in Physics for the American Osteopathic Board of Radiology. Besides being a consultant to many facilities, he was an Associate Professor at Chicago Medical School, lecturer at Cook County Graduate School of Medicine, lecturer at University of Chicago Hospital and has presented many courses and papers at meetings. Mr. Griffith is currently active with the American College of Radiology in their Mammography Accreditation Program.

R. Edward Hendrick, Ph.D.



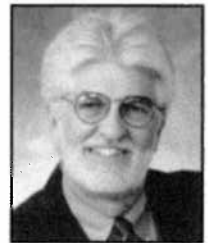
Edward Hendrick is Professor and Chief of the Division of Radiological Sciences at the University of Colorado Health Sciences Center. He received his doctoral degree from Rockefeller University (1975), was a post-doctoral fellow at Carnegie-Mellon University and an NIH Postdoctoral Fellow in medical physics at the University of Colorado Health Sciences Center. He helped develop the ACR Mammography Accreditation Program and served as Chairman of the ACR MAP Physics Subcommittee (1987-1996). He is also Chairman of the ACR Committee on Mammography Quality Assurance. He served as Treasurer and then President of the Society for Magnetic Resonance Imaging (1986-1990). He served as Co-chair of the Agency for Health Care Policy and Research Panel on Quality Determinants of Mammography (1992-1994) and on the National Mammography Quality Assurance Advisory Committee (1994-1998). Dr. Hendrick is a fellow of the Society for Magnetic Resonance Imaging, the Society of Breast Imaging, and the ACR.

John L. Horton, Jr., Ph.D.



John Horton received his doctoral degree from the University of Texas-Austin in 1971. After a postdoctoral appointment at U.T. M.D. Anderson Cancer Center, he served eight years as chief therapy physicist at the Cleveland Clinic. In 1985 he returned to U.T. M.D. Anderson Cancer Center where he is presently an Associate Professor and Deputy Department Chairman. He has served on Task Group 18 on Neutron Dosimetry and the Radiation Therapy Committee for the American Association of Physicists in Medicine. He has also served as a Chancellor of the American College of Medical Physics and on the Human Resources Committee of the American Society of Therapeutic Radiology and Oncology. He is certified in Therapy Physics by the American Board of Radiology and the American Board of Medical Physics. Dr. Horton has written one textbook, 34 peer reviewed articles, and numerous book chapters, and edited the proceedings of one conference on quality assurance.

Richard G. Lane, Ph.D.



Richard Lane received his doctoral degree from the University of California-Los Angeles in 1970. After holding faculty positions at the University of Wisconsin and the University of New Mexico, he joined the Department of Radiation Oncology at the University of Texas Medical Branch at Galveston, where he is now Professor and Director of the Physics Division. He is board certified by the American Board of Radiology in Radiological Physics and by the American Board of Medical Physics in Radiation Oncology Physics. Dr. Lane has served in many capacities in the American Association of Physicists in Medicine. Currently he is chair of the Legislation and Regulation Committee, a member of the Professional Council, and President-Elect of the Southwest Chapter. He also serves on committees of the ACMP, the ACR, and CAMPEP. Dr. Lane has published over 50 papers in peer-reviewed journals.

Ralph P. Lieto, Ph.D.



Ralph Lieto received his Master of Science degree in Nuclear Engineering from the University of Michigan in 1974. After completing a clinical Radiological Physics Residency at Henry Ford Hospital, he joined the Department of Diagnostic Radiology at Henry Ford. He is currently the Radiation Safety Officer for Henry Ford Hospital and Medical Centers. Mr. Lieto is board certified by the American Board of Radiology in Medical Nuclear Physics and the American Board of Science in Nuclear Medicine. He has served on several committees and task groups of the American Association of Physicists in Medicine, and held each elected office, including Board Member, of the Great Lakes Chapter. He is also active in the Health Physics Society and the Michigan Radiological Society, where he is currently chair of the Ad-hoc Committee on Physics. Mr. Lieto is actively involved in the education and training of medical physics students, technologists, physicians, and allied health personnel.

Christopher H. Marshall, Ph.D.



Chris Marshall received his doctoral degree from the University of London in 1967. After serving as Lecturer at the Medical School of St. Bartholemew's Hospital, he joined the Department of Radiology at New York University Medical Center in 1969 where he is now a Professor of Clinical Radiology. He founded and directs the Department of Radiation Safety which provides safety and diagnostic physics services to New York University, its Medical Center and affiliates.

Dr. Marshall has chaired three presidential ad-hoc committees which have helped shape the administrative structure of the AAPM, and currently serves on the Journal Business Management Committee and the Rules Committee. He is an AAPM representative to the Governing Board of the AIP, which recently elected him to their Executive Committee. Dr. Marshall has contributed to several texts and to the scientific literature and estimates that he has taught Diagnostic Physics to about 1000 residents in the past 30 years.

Richard L. Maughan, Ph.D.



Richard Maughan received his doctoral degree from the University of Birmingham in England. He was on the scientific staff of the Cancer Research Campaign Gray Laboratory in England from 1974-1983. Dr. Maughan is a Professor of Radiation Oncology in the Department of Radiation Oncology at Wayne State University and a senior medical physicist at the Gershenson Radiation Oncology Center at Harper Hospital. He is co-director of the Neutron Radiation Therapy program at WSU. Dr. Maughan has been associate editor of *Medical Physics* since 1987 and has served as deputy editor since January 1997, has been a member of the Committee on the Education and Training of Medical Physicists, is vice-chairman of the Graduate Education Review Committee of CAMPEP, and was President of the Great Lakes Chapter of the AAPM in 1988-1989. Dr. Maughan is a Fellow of the Institute of Physics in Great Britain. He has published over 100 papers.

Richard L. Morin, Ph.D.



Richard L. Morin received his doctoral degree from the University of Oklahoma in 1980. After directing the Physics Section at the University of Minnesota, he joined the Department of Diagnostic Radiology at Mayo Clinic in 1987 where he is now Professor and Consultant. Dr. Morin has served the American Association of Physicists in Medicine in many ways, including committee and council chairs and AAPM President in 1993. He was third vice-president of the Radiological Society of North America in 1997 and he currently chairs the Graduate Education Program Review Committee of the Commission on Accreditation of Medical Physics Education Programs. Rick is certified by the American Board of Radiology in Diagnostic and Nuclear Medicine Physics and is a Fellow of the American College of Radiology. He has been active professionally in the ACR and currently chairs the Government Relations Committee of the Commission on Medical Physics. Dr. Morin has published over 50 papers and peer-reviewed journals.

J. Thomas Payne, Ph.D.



J. Thomas Payne received his doctoral degree from the University of Kansas (1970). He was a Clinical Instructor in Radiology and Nuclear Medicine at the University of Minnesota. Dr. Payne worked at the University of Minnesota for 10 years, achieving the rank of Associate Professor of Radiology. He then took a position at Abbott Northwestern Hospital, Minneapolis, Minnesota in Radiation Therapy and has continued in this position as Director of Medical Physics. He has been on many AAPM committees as well as served twice on the Board of Directors. Dr. Payne is a diplomate of the American Board of Radiology in Radiological Physics. He has served as the Chair of the ACR Commission on Physics and on the Executive Committee and Physics Committee of the Minnesota Radiology Society. Dr. Payne has over 40 published articles in peer reviewed journals and has made over 100 major presentations in the United States, Europe and Japan.

Lawrence E. Reinstein, Ph.D.



Lawrence Reinstein received his doctoral degree from Boston University in 1974. After completing a clinical medical physics residency program at Memorial Sloan-Kettering Cancer Center he joined the Department of Radiation Medicine, Brown University and Rhode Island Hospital in 1976. He was appointed Director, Division of Medical Physics, Department of Radiation Oncology at SUNY Stony Brook in 1984 where he currently is Associate Professor and Deputy Chairman for Academic Affairs. Larry has served on numerous task groups, committees, and councils within the AAPM, is an active member of the Radiation Therapy Committee, Science Council, and Publications Committee, and is an Associate Editor of *Medical Physics*. He is ABMP certified, a Fellow of the ACMP, and is Radiation Oncology Physics Panel Chairman as well as Secretary of the American Board

James E. Rodgers, Ph.D.



James E. Rodgers received a doctoral degree from the University of California-Riverside (1972). Following two years of NCI sponsored postdoctoral research and training at the Tufts-New England Medical Center he became a staff member in 1978. In 1980 he became Director of the Radiation Physics Division at Georgetown University Medical Center. Dr. Rodgers is board certified by the ABR in therapy physics. He has directed an MS degree program in Radiation Science at Georgetown University where he has mentored many of its graduates. Professor Rodgers has published over 45 papers and 65 abstracts or presentations. His research interests include Atomic Force Microscopy applied to analysis of DNA radiation induced double strand breaks, experimental and Monte Carlo analysis of scatter radiation, and clinical evaluation of a mini-Multi-Leaf Collimator. He has served on a number AAPM task groups and frequently been called to represent the AAPM in Washington DC.

Ulf F. Rosenow, Ph.D.



Ulf F. Rosenow received his doctoral degree from the University of Gottingen, Germany, in 1969, where he is now Professor for Medical Physics in the Department for Clinical Radiation Biology and Physics. Dr. Rosenow was an IAEA Technical Expert in Istanbul, Turkey (1975), Visiting Scientist to the NCI (1984), and to Memorial Hospital New York (1985). From 1987-1989 he was Director of Physics and Professor of Radiation Oncology at Montefiore Medical Center and Albert-Einstein College of Medicine, Bronx, NY. He was Secretary of the German Medical Physics Society (DGMP) 1990-1994, and is DGMP board certified. A Member of AAPM since 1984, he has served as Associate Editor for *Medical Physics* since 1989, having been the only European Editor. Dr. Rosenow has contributed to two ICRU Reports. He published 43 papers in peer reviewed journals. Dr. Rosenow received the Dr. Kurt Sauerwein Award in 1991.

Surendra N. Rustgi, Ph.D.



Surendra Rustgi received his doctoral degree from the State University of New York at Buffalo in 1974. After completing the Post-doctoral Program in Medical Physics at the University of California-Los Angeles Dr. Rustgi joined the Department of Radiology at MetroHealth Medical Center and Case Western Reserve University, in 1991, where he is now Associate Professor of Radiology and Radiation Oncology and Chief Medical Physicist. Dr. Rustgi has served the American Association of Physicists in Medicine in many capacities. He is currently chair of the Membership Committee, and serves as a Guest Associate Editor of *Medical Physics*. Dr. Rustgi is a recipient of the American Association of Physicists in Medicine-Institute of Physical Sciences in Medicine Medical Physics Travel Award. He is board certified by the American Board of Radiology in Therapeutic Radiological Physics and the American Board of Medical Physics in Radiation Oncology Physics. Dr. Rustgi has published 40 papers in peer reviewed journals.

Cheng B. Saw, Ph.D.



Cheng B. Saw received his doctoral degree from Florida State University in 1983. He joined the Department of Radiology, University of Miami for a one-year training program in Nuclear Medicine. He took a two-year Medical Physics training program in Radiation Oncology at Thomas Jefferson University. Currently, Dr. Saw is an Associate Professor of Radiology, University of Iowa College of Medicine and Director of Medical Physics, Division of Radiation Oncology. Several offices in the American Association of Physicists in Medicine held by Dr. Saw include chapter representative for the Board of Directors and member of Awards and Honors Committee. Dr. Saw is board certified in Therapeutic Radiological Physics by the American Board of Radiology and in Radiation Oncology Physics by the American College of Medical Physics. Dr. Saw has published over 40 papers in peer reviewed journals

Michael C. Schell, Ph.D.



Michael C. Schell received his doctoral degree from the University of Wisconsin-Madison in 1984. He also obtained an Master of Science degree in Nuclear Physics from the University of Kentucky. His medical physics career commenced in 1976 at the Mid-Atlantic Neutron Therapy Association at the Naval Research Lab Cyclotron, in Washington, D.C. He completed board certification in 1980 and is a diplomate of the American Board of Radiology in Radiotherapeutic Radiological Physics. He chaired the AAPM Task Group on Stereotactic Radiosurgery, which resulted in AAPM Report 54 on Stereotactic Radiosurgery in 1995. He has been a member of the Board of Directors, the Radiation Therapy Committee, Biological Effects Committee, and a member of AAPM Tasks Groups 60 and 64. He has over forty publications in peer-reviewed journals. Dr. Schell has also presided over of the San Francisco, Penn-Ohio, and the Upstate New York Chapters of the AAPM.

Don D. Tolbert, Ph.D.



Don Tolbert received a doctoral degree in Nuclear Physics from the University of Kansas in 1968, worked as a Post Doc in experimental Nuclear Physics at Florida State University in Tallahassee, FL, and completed a one-year Re-Trainee Post Doc with the University of Wisconsin Medical Physics Section. After nearly seven years as Chief of the Radiation Therapy Medical Physics Section at University Hospital in Madison, he became head of the Hawaii Medical Physics Outreach Program in 1977. Dr. Tolbert is first author on seven of nineteen peer reviewed articles regarding medical physics. In 1981 he became Managing Partner of Mid-Pacific Medical Physics, a consulting practice serving all of Hawaii, American Samoa, and Guam. Since 1991 he has worked full time in the Radiation Therapy Service at Tripler Army Medical Center in Hawaii. Dr. Tolbert has been active in leadership concerning professional matters in medical physics and is presently Chairman of the ACR's Commission on Medical Physics.

Marilyn C. Wexler, M.S.



Marilyn Wexler received her Master of Science degree in Medical Physics from the University of California, Los Angeles in 1978. She practiced as a clinical medical physicist in the Department of Radiation Oncology at Cedars-Sinai Medical Center in Los Angeles. In 1988 she left Cedars-Sinai Medical Center and established a full time consulting practice in Southern California. Marilyn is an AAPM Board Member and was a member of the Ad Hoc committee to draft a "Mission Statement" for the AAPM. She has served on the American College of Radiology's Commission on Medical Physics where one of her accomplishments was to help rewrite the ACR "Guide to Medical Physics Practice". She has been a member of the Southern California chapter of the AAPM for 20 years where she served as president, secretary, treasurer and chapter representative. Ms. Wexler is board certified by the American Board of Radiology in Therapeutic Physics.

Farrington Daniels Award

The Farrington Daniels Award for the best paper on Radiation Dosimetry published in *Medical Physics* in 1997 is presented to:

Corey E. Zankowski, Ph.D.

and

Ervin B. Podgorsak, Ph.D.

for their paper entitled "Calibration of photon and electron beams with an extrapolation chamber," *Med. Phys.* 24 (4), April 1997, pp. 497 - 503.

Sylvia Sorkin Greenfield Award

The Sylvia Sorkin Greenfield Award for the best paper (other than Radiation Dosimetry) published in *Medical Physics* for 1997 is presented to:

Scott N. Hwang, Ph.D.

Felix W. Wehrli, Ph.D.

and

John L. Williams, Ph.D.

for their paper entitled, "Probability-based structural parameters from three-dimensional nuclear magnetic resonance images as predictors of trabecular bone strength," *Med. Phys.* 24 (8), August 1997, pp. 1255-1261.