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Society for Oncodevelopmental Biology and Medicine (Abbott Award), the German Cancer Fund, the National Institutes of Health (NIH; twice Outstanding Investigator Grant awardee), Tel Aviv University, the British Radiology Society (3M Mayneord Memorial Award), and the Clinical Ligand Assay Society (Distinguished Scientist Award).

Goldenberg received an SB degree from the University of Chicago in 1958, an ScD from the Faculty of Natural Sciences of the University of Erlangen–Nuremberg in 1965, and his MD from the University of Heidelberg's School of Medicine in 1966. He has faculty appointments in pathology at the University of Pittsburgh, Temple University, and the

University of Kentucky and adjunct professorships in medicine, surgery, and microbiology/immunology at the University of Medicine and Dentistry of New Jersey and New York Medical College. He is currently an editorial board member of several journals, including *The Journal of Nuclear Medicine*, the *International Journal of Tumor Markers*, the *Quarterly Journal of Nuclear Medicine and Molecular Imaging*, *Current Medical Imaging Reviews*, *Current Cancer Therapy Reviews*, and *Cancer Biotherapy and Radiopharmaceuticals*. He has also served as chair of the merit review board in oncology for the Veterans Administration and a member of the Experimental Immunology Study Section of NIH. ❀

## Robertson Receives Loevinger–Berman Award

At a ceremony on June 19 preceding the second session of the Medical Internal Radiation Dose (MIRD) Committee Continuing Medical Education course on Advances in Patient-Specific Dosimetry at the SNM Annual Meeting in Toronto, Canada, Stephen R. Thomas, PhD, vice chair of the MIRD Committee, presented James S. Robertson, MD, PhD, with the 2005 Loevinger–Berman Award for Excellence in Internal Dosimetry.

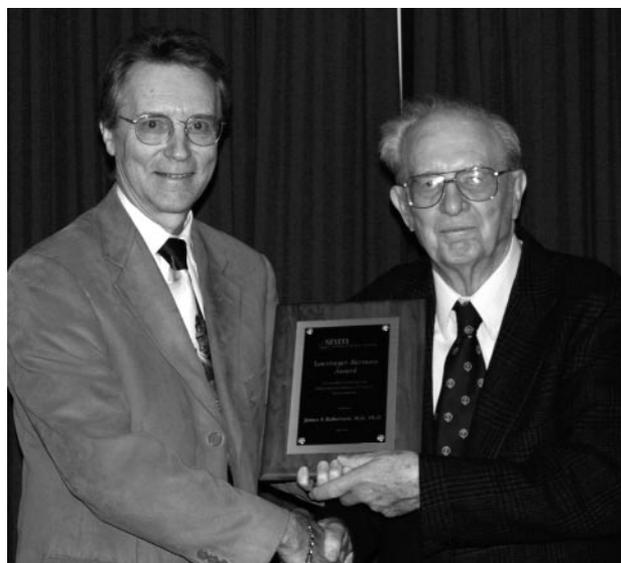
The award was established in 1999 in honor of Robert Loevinger and Mones Berman, who formulated the MIRD schema for internal dose calculations. The award is given in recognition of excellence pertaining to the field of internal dosimetry as it relates to nuclear medicine through research and/or development, significant publication contributions, or advancement of the understanding of internal dosimetry in relationship to risk and therapeutic efficacy. Previous award winners have included Roger J. Cloutier (1999), Dandamudi V. Rao (2000), Keith F. Eckerman (2001), Sven-Erik Strand (2002), John W. Poston, Sr. (2003), and Roger W. Howell (2004).

Robertson received his medical degree from the University of Minnesota (Minneapolis) in 1945, followed by an internship at the U.S. Naval Hospital (Annapolis, MD). He received a doctorate from the University of California at Berkeley in 1949 after completing a thesis entitled "Lung Ventilation Patterns and Their Physiological Significance." He then moved to the Brookhaven National Laboratory (Upton, NY), where he remained for 25 years, from 1950 to 1975. During this time he was engaged in a spectrum of nuclear medicine–related activities that included PET, neutron capture theory, radiation dosimetry, compartmental analysis, analog computers in kinetic analysis, medical computer applications, and whole-body

gamma spectrometry. Much of this work was truly avant-garde for the period, as PET technology was just being introduced along with the applications of computers and data analysis in medical imaging. Of particular importance were Robertson's investigations in the area of compartmental models and kinetic analysis. Many of his contributions to the field of dosimetry were associated with these topics.

From 1975 until 1985, Dr. Robertson was a member of the Department of Nuclear Medicine at the Mayo Clinic (Rochester, MN), where, along with his clinical

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Stephen Thomas (left) presented James Robertson with the Loevinger–Berman Award at a ceremony prior to the MIRD Committee course on Advances in Patient-Specific Dosimetry.

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duties, he continued basic research on the applications of radioisotopes in medical diagnosis. Some of his research activities included  $^{123}\text{I}$  thyroid uptake measurements, investigation of the properties of radiocerium, and  $^{111}\text{In}$ -labeled platelets. In 1985, he joined the U.S. Department of Energy (DOE), where he served as Director of Human Health and Assessments in the Division of the Office of Energy Research until his retirement in 1991. At the DOE, he administered grants for radioisotope production for applications in nuclear medicine.

Dr. Robertson published more than 140 papers in his career, with the following of particular significance in the area of internal dosimetry: Theory and Use of Tracers in Determining Transfer Rates in Biological Systems (*Physiol Rev.* 1957;37:133–154), Nomenclature for Tracer Kinetics (*Int J Appl Radiat Isot.* 1968; 19:249–262, with Gordon Brownell and Mones Berman), Dosimetry of Californium-252 (*Radiology.* 1972;104:393–398), Distribution and Dosimetry of In-111-Labeled Platelets (*Radiology.* 1981;140:169–176), *Compartmental Distribution of Radiotracers* (editor; 1983, CRC Press), Radiation Absorbed Doses from

Iron-52, -55, -59 Used to Study Ferrokinetics (*J Nucl Med.* 1983;24:339–348), and Radiation Dose Estimates for Radioindium-Labeled Autologous Platelets (*J Nucl Med.* 1992;33:777–780).

Of special note was Dr. Robertson's service on the SNM MIRD Committee. The historical record indicates that he was a charter member through his participation at the Brookhaven dosimetry meetings in the 1960s that led to the formation of the MIRD Committee and the first MIRD pamphlets in 1968/1969. Except for a few years, he was an active member of the committee from its inception until his last appointment in 2001. Of importance, along with his publications, was the advice, counsel, and scientific wisdom that he provided to the committee through those years. Dr. Robertson's work and contributions truly had significant impact in the field of internal dosimetry.

*Stephen R. Thomas, PhD  
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Director, Medical Physics  
University of Cincinnati  
Cincinnati, Ohio*



## IN MEMORIAM



# James Sydnor Robertson, MD, PhD 1920–2005

It was with profound sadness that the MIRD Committee learned of the death of James S. Robertson, MD, PhD, on July 10, 2005, after a traffic accident near his home in Gaithersburg, MD. As described in the accompanying article, written before this unfortunate event, Jim was a valued colleague who played a critical role in the original formation of the MIRD Committee and contributed significantly to its scientific mission. He was committed to advancing the applications of radioisotopes in medical diagnosis. Jim will be missed by all of us on the MIRD Committee as well as by his many professional associates

and friends. His accomplishments, good-natured personality, and passion for mathematical puzzles will not be forgotten. Our deepest condolences go to his wife Ruth, son John, daughters Marion and Kathy, 3 grandchildren (one of whom, Laura, was featured in a slide with Jim shown at the SNM award presentation), and his 3 great-grandchildren. We were very pleased that John and Marion were able to be in attendance for the happy occasion in Toronto at which Jim was presented the Loevinger–Berman Award for 2005.

*Stephen R. Thomas, PhD*