

The Radiological and Medical Physics Society of New York RAMPS 1948 - 2015

The Earliest Organization of Medical Physicists in the United States



History of RAMPS

During the mid 1940's, physicists associated with medical institutions in the metropolitan New York City region commenced meetings to compare instrumentation and their measurements of the quantity of radioactivity in solutions in medical use. This was necessary for uniformity, and also for accuracy since the national standard available appeared to be inconsistent. This was just prior to the availability of megavoltage x rays and electrons, and the primary concern of the physicists was associated with the uses of radioactive nuclides. The clinical uses of iodine-131 and other radionuclides (phosphorus-32, yttrium-90, etc.) were being actively explored and agreement on the amount of activity being administered was essential. Such measurements led to the "New York Millicurie," which served a vital

By 1948 the meetings of these medical physicists were on a scheduled basis with elected officers and records. Those initially active in RAMPS included Mones Berman, Hanson Blatz, Carl Braestrup, Giacchino Failla, Sergei Feitelberg, Elizabeth Focht, Hiram Hart, Lillian Jacobson, Robert Loevinger, Leo Marinelli, Eleanor Oshry, Edith Quimby, Edward Siegel, Aaron Yalow, Rosalyn Yalow, and others. This group established the measurement procedure for the "New York Millicurie," and their meetings served both scientific and professional functions. A constitution was written in 1954 by R. Yalow and J. Laughlin, and revised in 1957 by them. RAMPS has continued to grow from its modest beginning to a current membership of about 150 and conducts monthly meetings which are well attended. Their meetings usually include scientific presentations by a member or guest on physical aspects of treatment, diagnosis, nuclear medicine, or protection. Also, a symposium on a pertinent scientific topic is held annually, RAMPS welcomed the initiation of the AAPM and became a chapter in it.

From J. S. Laughlin and P. N. Goodwin: History of the AAPM 1958-1998, Medical Physics 25(7, part 2): 1240-1241; 1998. Reproduced here with the permission of the AAPM



American Association of Physicists in Medicine was established 10 years later

RAMPS Presidents

Laughlin Rohert Schulz 1968 1969 1971 Gerald Shapiro 1973 St. Germai Morris Hodara Harry Astarita 1976 Salvatore Vacirca 1977 Paul Goodwin 1978 Lawrence Rothenberg 1979 Christopher Marshall 1980 Mortimer 1981 Chan 1982 Arthur Olson 1983 Maynard 1984 1985 Alan 1986 Robert Barish 1987 Mary Ellen Masterson 1988 1989 Edward Nickoloff 1990 Mark Belanich Susan Barish-Brownie 1991 Yakov Pipman 1992 Doracy Fontenia 1993 Gerald Kutcher 1994 Richard 1995 J. Keith DeWyngaert 1996 James C. Clifton Ling Ceferino Lowell Anderson Stephen Balter Mark Belanich John Humm J. Keith DeWyngaert Yeh Chi Eugene Lief Mageras Chandra Cheng-Shie Chang Jenghwa Albert Sabbas

Michael

Gil'ad

Cesar







Rosalyn Yalow, Founding Member of RAMPS and Charter Nember of AAPM, eceived the 1977 Nobel Prize for Physiology or



In 1968, in order to assist the training of residents in the various radiological physics specialties, RAMPS appointed a committee to prepare an examination on radiological physics. This examination was administered on a voluntary basis to radiological residents in the New York City area at a session held at the New York Academy of Medicine with the cooperation of the New York Roentgen Ray Society. The response was so enthusiastic that this examination has become an annual event. It is now being used throughout the United States through the courtesy of RAMPS and of the AAPM. In recent years, separate examinations for Diagnostic Radiology and Radiation Oncology have been produced. Teaching has always been an important activity of the medical physicist in his/her institution and the establishment of this examination procedure was a method of assisting the education of residents in the physical aspects of radiology.

RAMPS Membership

■ RAMPS

2015 Gathering of RAMPS Presidents (1988)

rom Left: Rob Barish, Mavnard High, Alan Schoenfeld, Arthur Olsen, Larry Rothenberg, Jean StGermain, Morris Hodara, Paul Goodwin, Bob Schulz hidden). Chris Marshall John Laughlin, Gerry Shapiro, Mort Heller, Mary Ellen Masterson, Ed.



25th Anniversary, NY Academy of Sciences





From left: Edith Quimby, Shirley Quimby,



The Mutants From left: Saul Harris, Joyce Davis, Shirley Vickers, Barbara Heller, Mort Heller

Major Awards to RAMPS Members

AAPM Coolidge Award		
John S.	Laughlin	1974
Edith E.	Quimby	1977
Lowell L.	Anderson	2000
C. Clifton	Ling	2004

AAPM Quimby Lifetime Achievement Award

Lawrence N.	Rothenberg	2007
James M.	Galvin	2008
Lawrence E.	Reinstein	2009
Howard I.	Amols	2014
Edward L.	Nickoloff	2014

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John S.	Laughlin	19	92
Edward L.	Nickoloff	20	300
Jean M.	St. Germain	20	115
Christopher H.	Marshall	20	115

AAPM Officers from RAMPS

President		
John S.	Laughlin	1965
Lawrence N.	Rothenberg	1998
Howard I.	Amols	2005
Secretary		
Jean M.	St.Germain	1985

53rd Anniversary of the Failla Memorial lecture

RAMPS, in conjunction with the Greater New York Chapter of the Health Physics Society. holds the Annual Failla Lecture The lecturer is an internationally known expert on Medical Physics and/or Radiation Protection. This year's lecture presented by Isabel Fisenne marked the 53rd Anniversary of the Failla lecture, which honors the memory pioneer. Other Failla lecturers over the past 10 years are:

- Antone L. Brooks, Ph.D. 2012
 C. Clifton Ling, Ph.D. 2011
 Michael T. Ryan, Ph.D. 2010
- Radhe Mohan, Ph.D. 2009
 ♦ Jaurenses
- Lawrence N. Rothenberg, Ph.D. 2008 John R. Cunningham, Ph.D. 2007



Five Failla honorees at the 2012 lecture, left to right, Francis J. Bradley, Lawrence Rothenberg, C. Clifton Ling, Jean St. Germain, and Naomi Harley.

RAMPS VACIRCA YOUNG INVESTIGATOR SYMPOSIUM

Each year RAMPS conducts a Young Investigators Symposium named in honor of Salvatore Vacirca, a past RAMPS President, Young Investigators are encouraged to submit abstracts for the competition. The speaker judged to have made the best presentation is provided funding to attend an AAPM

national meeting. Recent winners are			
1st Place	2nd Place	3rd Place	Year
Jeho Jeong*	Bosky Ravindranath*	Yong Hum Na [†]	2015
Michael Liu*	Louise Fanchon*	Xin Wang‡	2014
Eric Williams*	Xin Wang [‡]	Oleksandr Dzyubak*	2013
Ziad Saleh*	Russell Kincaid*	Lili Zhou‡	2012
Sean Berry*,†	Grace Tang*	Rachel M. Bartlett*	2011
Hans Stabenau*	Matthew Mille ^{\$}	Joseph McNamara*	2010
* Memorial Sloan Kettering Cancer Center ¥ Mount Sinai Medical Center		† Columbia University § New York University	

\$ Rensselaer Polytechnic Institut

Recent RAMPS Symposia		
2015	Imaging and Oncology Physics: A Reunion	
2014	Adaptive Radiation Therapy	
2013	Focal Therapies	
2012	State of the Art in SBRT	
2011	Novel Radiation Detectors and their Applications in Dosimetry, Imaging and Health Physics	
2011	The Nuclear Accident in Fukushima Japan , Co-sponsored by RAMPS	
2040	From Brown Mary and Bullion Coffee for Bulliother Treatment and Bloom of	

60th Anniversary Celebration: Past, Present and Future of Medical Physics

Innovation & Implementation: Medical Physics in Cancer Care

Cornell University

THE WINNERS OF THE 2015 VACIRCA YIS AWARD







CURRENT RAMPS OFFICERS













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