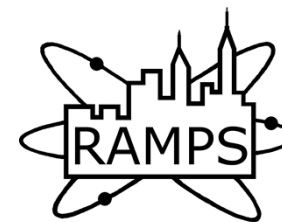




The Radiological and Medical Physics Society of New York

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 purpose.

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 Loewinger, Leo Marinelli, Eleanor Oshry, Edith Quimby, Edward Seegal, 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

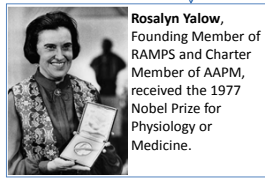


American Association of Physicists in Medicine was established 10 years later

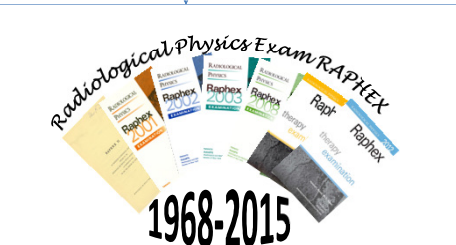
RAMPS Presidents

John Laughlin	1948
Robert Schulz	1949
Hiram Hart	1950
Colin Orton	1951
Gerald Shapiro	1952
Jean St. Germain	1953
Morris Hodara	1954
Harry Astarita	1955
Salvatore Vacirca	1956
Paul Goodwin	1957
Lawrence Rothenberg	1958
Christopher Marshall	1959
Mortimer Heller	1960
Bun Chan	1961
Arthur Olson	1962
Maynard High	1963
James Summers	1964
Alan Schoenfeld	1965
Robert Barish	1966
Mary Ellen Masterson	1967
Edward Nickoloff	1968
Mark Belanich	1969
Susan Barish-Brownie	1970
Yakov Pipman	1971
Doracy Fontenla	1972
Gerald Kutcher	1973
Richard Riley	1974
J. Keith DeWyngeart	1975
James Galvin	1976
C. Clifton Ling	1977
Ceferino Obcemea	1978
Lowell Anderson	1979
Stephen Balter	1980
Mark Belanich	1981
John Humm	1982
J. Keith DeWyngeart	1983
Yeh Chi Lo	1984
Eugene Lief	1985
Gig Mageras	1986
Chandra Burman	1987
Cheng-Shie Wu	1988
Jenghua Chang	1989
Albert Sabbas	1990
Michael Lovelock	1991
Gi'ad Cohen	1992
Cesar Della Bianca	1993

John Laughlin became the President of AAPM



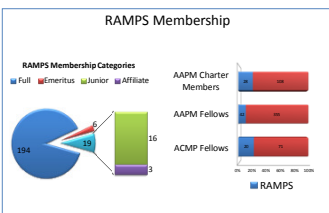
Rosalyn Yalow, Founding Member of RAMPS and Charter Member of AAPM, received the 1977 Nobel Prize for Physiology or Medicine.



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.



Gathering of RAMPS Presidents (1988)
From Left: Rob Barish, Maynard High, Alan Schoenfeld, Arthur Olsen, Larry Rothenberg, Jean St Germain, Morris Hodara, Paul Goodwin, Bob Schultz (hidden), Chris Marshall, John Laughlin, Gerry Shapiro, Mort Heller, Mary Ellen Masterson, Ed Nickoloff, Jim Summers



25th Anniversary, NY Academy of Sciences



Mary Lou Meurk, John Laughlin



From left: Edith Quimby, Shirley Quimby, Emma Goodwin, Paul Goodwin, Shirley Epp



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

Marvin MD Williams Professional Achievement Award

John S. Laughlin	1992
Edward L. Nickoloff	2008
Jean M. St. Germain	2015
Christopher H. Marshall	2015

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 of Dr. Failla, a Medical Physics pioneer. Other Failla lecturers over the past 10 years are:



Giacchino Failla (1885-1961)

- Isabel Fisenne, Ph.D. 2014
- David Rogers, Ph.D. 2013
- Antone L. Brooks, Ph.D. 2012
- C. Clifton Ling, Ph.D. 2011
- Michael T. Ryan, Ph.D. 2010
- Rathe Mohan, Ph.D. 2009
- Lawrence N. Rothenberg, Ph.D. 2008
- John R. Cunningham, Ph.D. 2007
- William F. Hanson, Ph.D. 2006



Dr Fisenne being presented with a plaque at the Failla Lecture



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

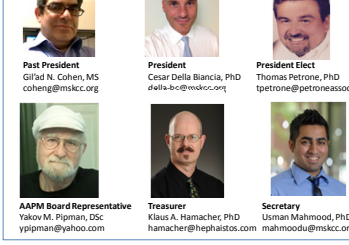
* Memorial Sloan Kettering Cancer Center
† Mount Sinai Medical Center
‡ Rensselaer Polytechnic Institute
§ Columbia University
¶ New York University
‡ Cornell University

THE WINNERS OF THE 2015 VACIRCA YIS AWARD



Jeho Jeong, PhD; Bosky Ravindranath, PhD; Yong Hum Na, PhD

CURRENT RAMPS OFFICERS



Past President: Gi'ad N. Cohen, MS, cohen@mskcc.org
President: Cesar Della Bianca, PhD, della-b@mskcc.org
President Elect: Thomas Petrone, PhD, tpetrone@petronasso.com
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Treasurer: Klaus A. Hamacher, PhD, hamacher@heghaistos.com
Secretary: Usman Mahmood, PhD, mahmood@mskcc.org

We would like to thank the following RAMPS members for their contributions to make this poster possible:
L. Rothenberg, J. Jeong, Z. Saleh, J. Sillanpaa, J. St. Germain, C. Marshall, D. Fontenla, Y. Pipman, G. Mageras