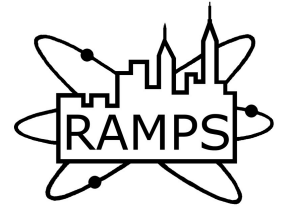




The Radiological and Medical Physics Society of New York

RAMPS 1948 – 2016

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 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 **J. 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 AAMP and became a chapter in it.

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



American Association of Physicists in Medicine was established 10 years later

John Laughlin became the President of AAMP

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

25th Anniversary, NY Academy of Sciences



Mary Lou Meurk, John Laughlin
From left: Edith Quimby, Shirley Quimby, Emma Goodwin, Paul Goodwin, Shirley Epp
"The Mutants"
From left: Saul Harris, Joyce Davis, Shirley Vickers, Barbara Heller, Mort Heller

Major Awards to RAMPS Members

AAMP Coolidge Award		Year
John S. Laughlin	Edith H. Quimby	1974
Lowell L. Anderson	C. Clifton Ling	1977
Lawrence N. Rothenberg	James M. Galvin	2000
Lawrence E. Amols	Howard I. Amols	2004
AAMP Quimby Lifetime Achievement Award		
Lawrence N. Rothenberg	Galvin M. Galvin	2007
Lawrence E. Amols	Howard I. Amols	2008
Edward L. Nickoloff	Wendell R. Lutz	2009
Wendell R. Lutz	Edward L. Nickoloff	2014
Marvin MD Williams Professional Achievement Award		
John S. Laughlin	Edward L. Nickoloff	1992
Edward L. Nickoloff	Jean M. St. Germain	2008
Jean M. St. Germain	Christopher H. Marshall	2015
Christopher H. Marshall		2015

AAMP Officers from RAMPS

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

54th 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:

- Stephen Balter, Ph.D. 2015
- Isabel Fisenne, Ph.D. 2014
- David Rogers, Ph.D. 2013
- Astoria L. Brooks, Ph.D. 2012
- C. Clifton Ling, Ph.D. 2011
- Michael T. Ryan, Ph.D. 2010
- Radhie Mohan, Ph.D. 2009
- Lawrence N. Rothenberg, Ph.D. 2008
- John R. Cunningham, Ph.D. 2007
- William F. Hanson, Ph.D. 2006



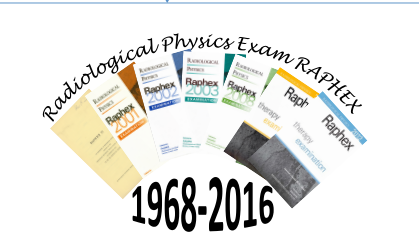
Dr. Balter being presented with a plaque at the Failla Lecture (left)



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 Presidents

John Robert	Schulz	1968
Hiram Hart	Orton	1969
Colin Gerald	Shapiro	1973
Jean St. Germain	1974	
Morris Hodara	1975	
Harry Astarita	1976	
Salvatore	1977	
Paul Goodwin	1978	
Lawrence Marshall	1979	
Christopher Mortimer	Heller	1980
Bun Chan	1982	
Arthur Olson	1983	
Maynard High	1984	
James Summers	1985	
Alan Schoenfeld	1986	
Robert Barish	1987	
Mary Ellen Masterson	1988	
Edward Nickoloff	1989	
Mark Belanich	1990	
Susan Barish-Brownie	1991	
Yakov Pipman	1992	
Doracy Fontenla	1993	
Gerald Kutcher	1994	
Richard Riley	1995	
J. Keith DeWyngeart	1996	
James Galvin	1997	
C. Clifton Ling	1998	
Seferino Obcemea	1999	
Lowell Anderson	2000	
Stephen Balter	2001	
Mark Belanich	2002	
John Humm	2003	
J. Keith DeWyngeart	2004	
Eugene Lo	2005	
Eugene Lief	2006-07	
Gig Mageras	2008	
Chandra Burman	2009	
Cheng-Shie Wu	2010	
Jenghua Chang	2011	
Albert Sabbas	2012	
Michael Lovelock	2013	
Cif'ad Colhan	2014	
Cesar Della Bianca	2015	
Thomas Petrone	2016	



1968-2016

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 AAMP. 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.

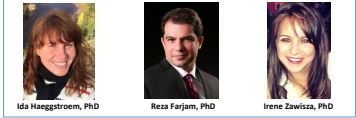
RAMPS VACIRCA YOUNG INVESTIGATOR SYMPOSIUM

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 AAMP national meeting. Recent winners are:

1st Place	2nd Place	3rd Place	Year
Ida Haegstroem*	Reza Farjam*	Irene Zawisza ²	2016
Jeho Jeong*	Bosky Ravindranath*	Yong Hum Na*	2015
Michael Liu*	Louise Fanchon*	Xin Wang*	2014
Eric Williams*	Xin Wang*	Oleksandr Dzyubak*	2013
Ziad Saleh ¹	Russell Kincaid ¹	Lili Zhou ¹	2012
Sean Berry ¹	Grace Tang ¹	Rachel M. Bartlett ¹	2011
Hans Stabenau ³	Matthew Mills ⁵	Joseph McNamara ⁴	2010

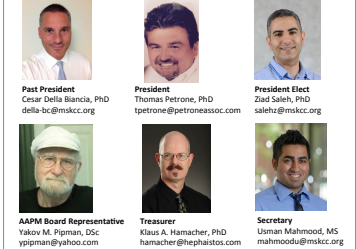
* Memorial Sloan Kettering Cancer Center ¹ Columbia University ² Montefiore Medical Center
³ Mount Sinai Medical Center ⁴ New York University ⁵ Rensselaer Polytechnic Institute ⁶ Cornell University

THE WINNERS OF THE 2016 VACIRCA YIS AWARD

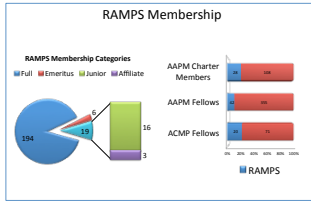


Ida Haegstroem, PhD Reza Farjam, PhD Irene Zawisza, PhD

CURRENT RAMPS OFFICERS



Past President Cesar Della Bianca, PhD della-bc@mskcc.org President Thomas Petrone, PhD tpetrone@petronesso.com President Elect Ziad Saleh, PhD saleh@mskcc.org
 AAMP Board Representative Yakov M. Pipman, DSc ypipman@yahoo.com Treasurer Klaus A. Hamacher, PhD hamacher@pehpaisthos.com Secretary Usman Mahmood, MS mahmood@mskcc.org



Gathering of RAMPS Presidents (1968)
 From Left: Rob Barish, Maynard High, Alan Schoenfeld, Arthur Olsen, Larry Rothenberg, Jean St Germain, Morris Hodara, Paul Goodwin, Bob Schulz (hidden), Chris Marshall, John Laughlin, Gerry Shapiro, Mort Heller, Mary Ellen Masterson, Ed Nickoloff, Jim Summers

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