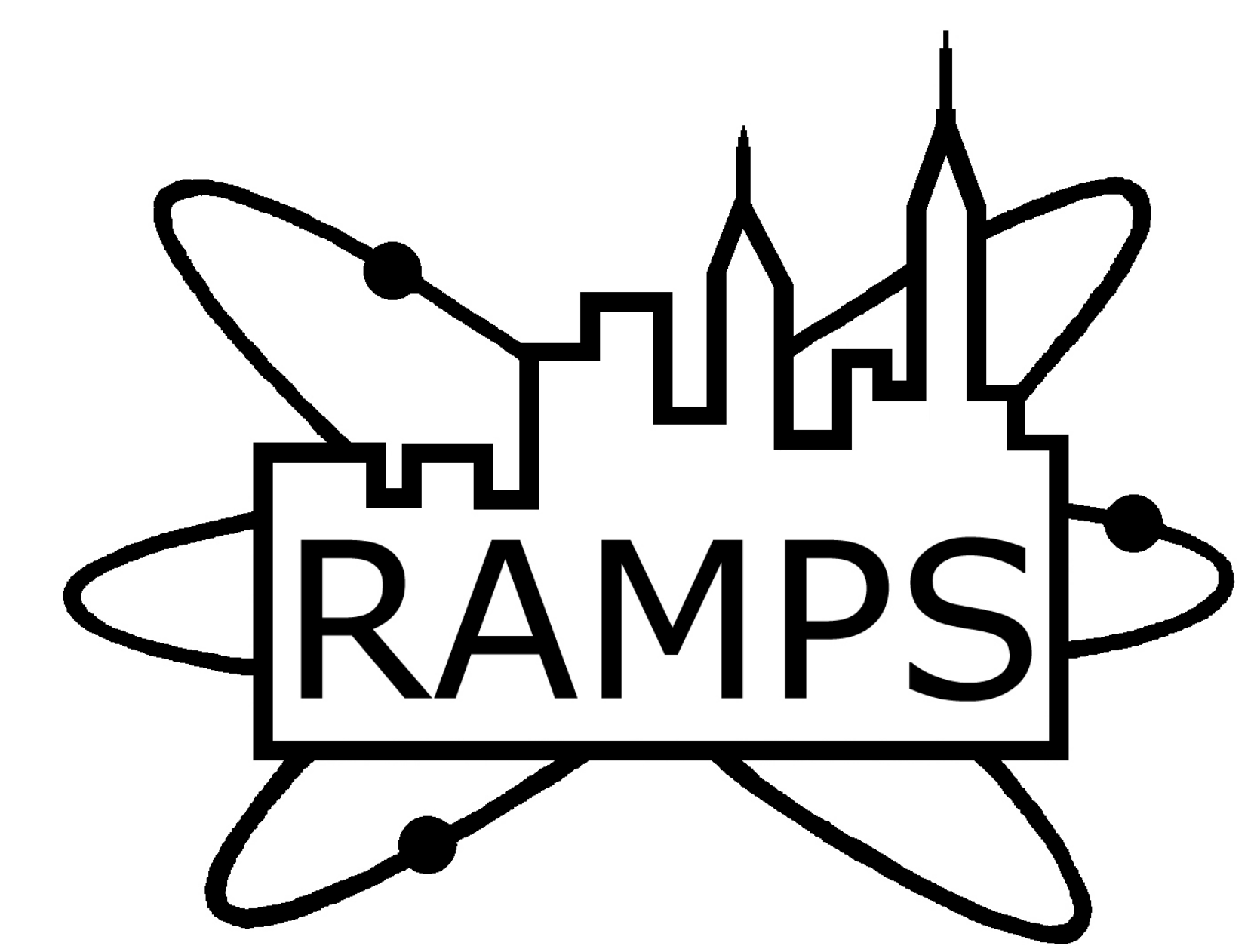




The Radiological and Medical Physics Society of New York

RAMPS 1948 – 2017

The Earliest Organization of Medical Physicists in the United States

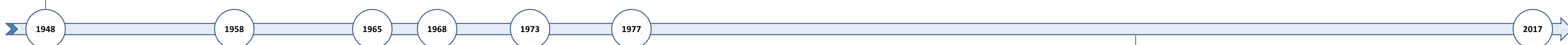


History of RAMPS

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.

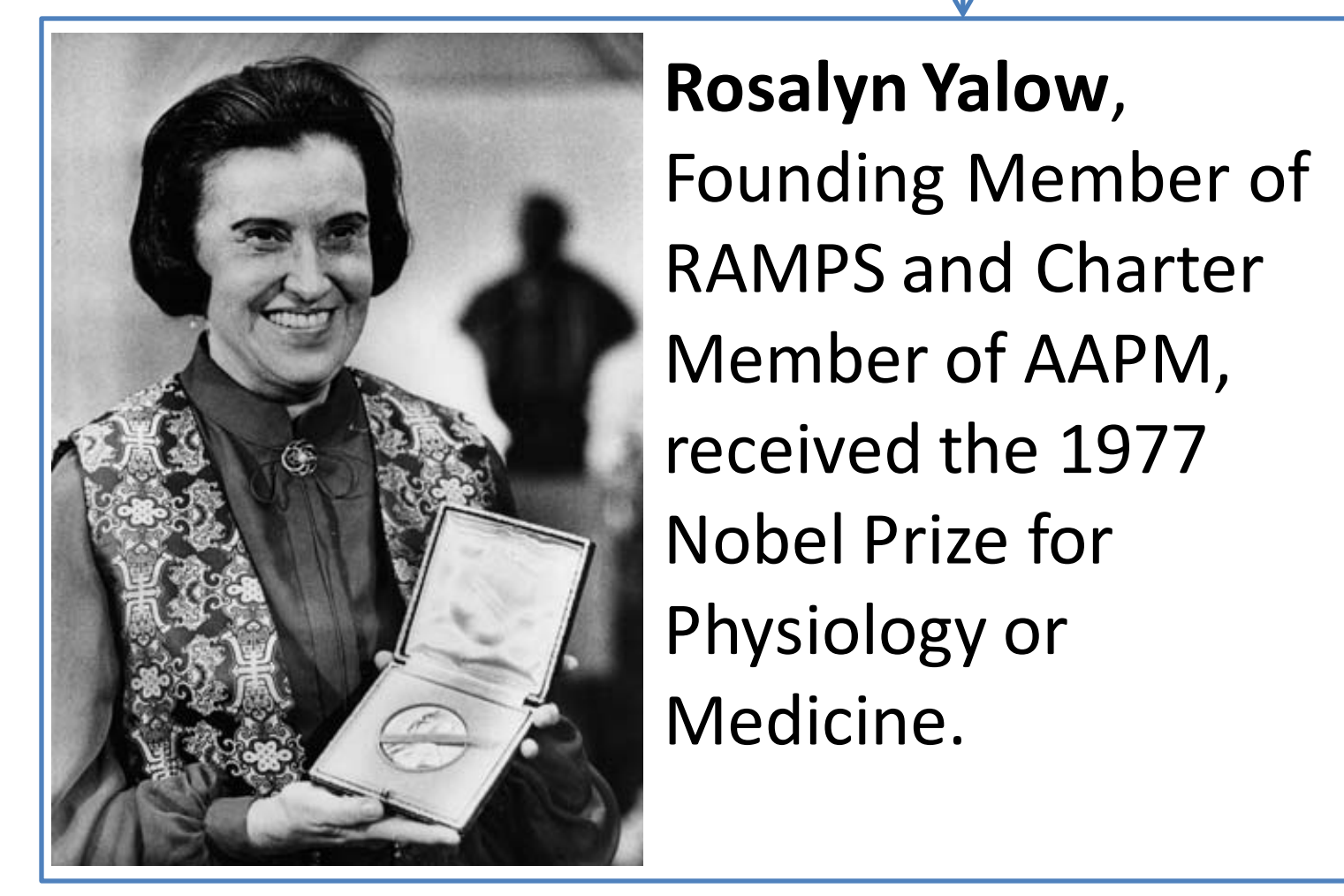
By 1948 the meetings of these medical physicists were on a scheduled basis with elected officers and records. Those initially active in RAMPS included **Mones Berman, Hanson Blatz, Carl Braestrup, Giacchino Failla, Sergei Feitelberg, Elizabeth Focht, Hiram Hart, Lillian Jacobson, Robert Loevinger, Leo 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 **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

John Laughlin became the President of AAPM



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

AAPM Coolidge Award

John S. Laughlin	1974
Edith H. 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
Wendell R. Lutz	2016

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	

55th 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 Stephen Balter marked the 54th 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:

- ❖ Craig Yoder, Ph. D. 2016
- ❖ Stephen Balter, Ph. D. 2015
- ❖ 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
- ❖ Radhe Mohan, Ph.D. 2009
- ❖ Lawrence N. Rothenberg, Ph.D. 2008
- ❖ John R. Cunningham, Ph.D. 2007



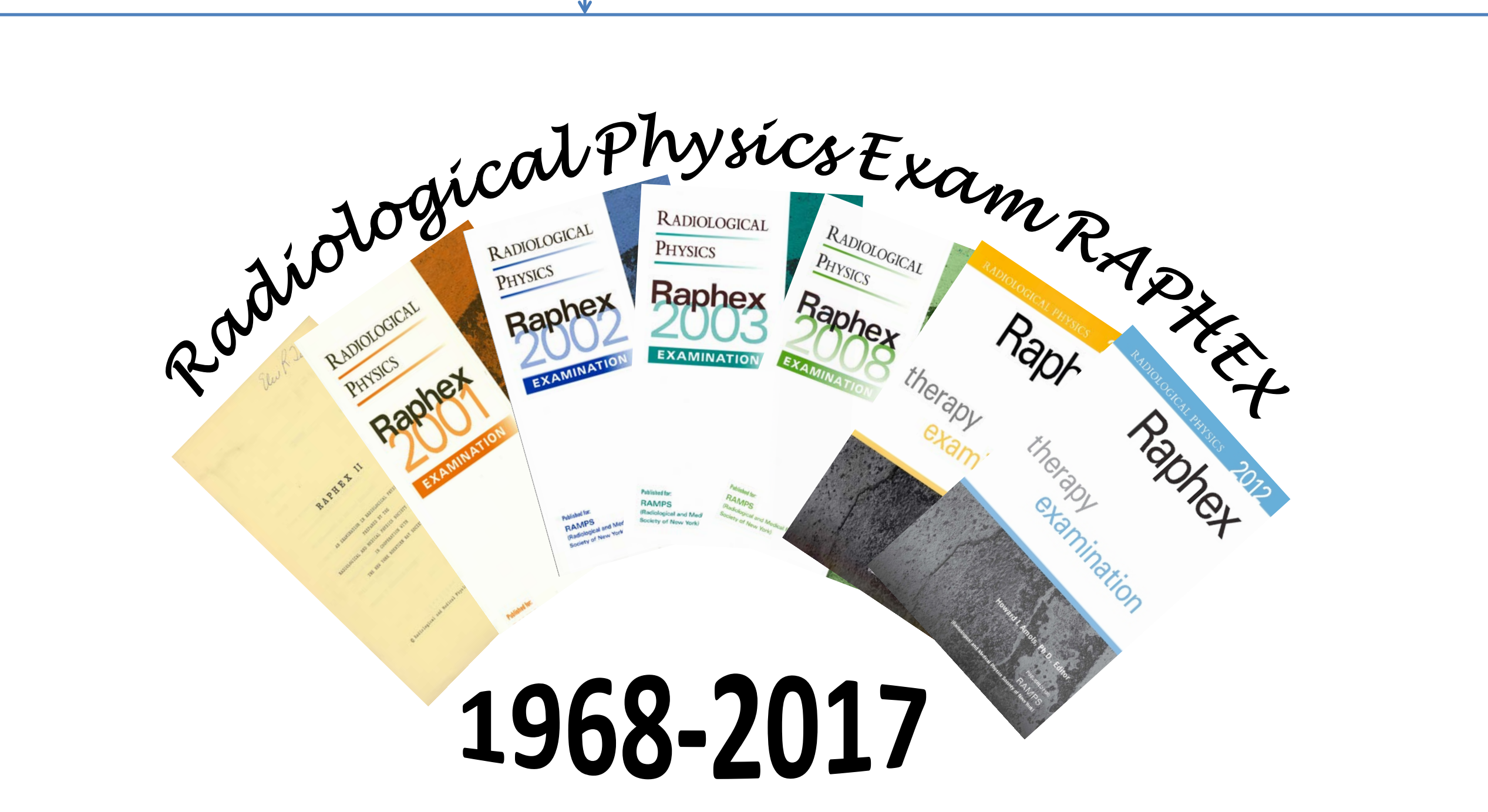
Dr. Balter being presented with a plaque at the Failla Lecture (left)



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 Laughlin	1948-50
Robert Schulz	1950-52
Hiram Hart	1952-54
Colin Orton	1954-56
Gerald Shapiro	1956-58
Jean St. Germain	1958-60
Morris Hodara	1960-62
Harry Astarita	1962-64
Salvatore Vacirca	1964-66
Paul Goodwin	1966-68
Lawrence Rothenberg	1968-70
Christopher Marshall	1970-72
Mortimer Heller	1972-74
Bun Chan	1974-76
Arthur Olson	1976-78
Maynard High	1978-80
James Summers	1980-82
Alan Schoenfeld	1982-84
Robert Barish	1984-86
Mary Ellen Masterson	1986-88
Edward Nickoloff	1988-90
Mark Belanich	1990-92
Susan Barish-Brownie	1992-94
Yakov Pipman	1994-96
Doracy Fontenla	1996-98
Gerald Kutcher	1998-2000
Richard Riley	2000-02
J. Keith DeWyngaert	2002-04
James Galvin	2004-06
C. Clifton Ling	2006-08
Ceferino Obcemea	2008-10
Lowell Anderson	2010-12
Stephen Balter	2012-14
Mark Belanich	2014-16
John Humm	2016-18
J. Keith DeWyngaert	2018-20
Yeh Chi Lo	2020-22
Eugene Lief	2022-24
Gig Mageras	2024-26
Chandra Burman	2026-28
Cheng-Shie Wu	2028-30
Jenghwa Chang	2030-32
Albert Sabbas	2032-34
Michael Lovelock	2034-36
Gil'ad Cohen	2036-38
Cesar Della Bianca	2038-40
Thomas Petrone	2040-42
Ziad Saleh	2042-44



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 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
Sadegh Riyahi*	Ida Häggström*	Lei Zhang*	2017
Ida Häggström*	Reza Farjam*	Irene Zawisza [¶]	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*	Russell Kincaid*	Lili Zhou [†]	2012
Sean Berry* [†]	Grace Tang*	Rachel M. Bartlett*	2011

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

Recent RAMPS Symposia

2017	Advancing Medical Physics
2016	New Developments in Radiotherapy
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
2010	Error Prevention and Patient Safety for Radiation Treatment and Diagnosis
2009	60th Anniversary Celebration: Past, Present and Future of Medical Physics

THE WINNERS OF THE 2016 VACIRCA YIS AWARD



Sadegh Riyahi, PhD Ida Häggström, PhD Lei Zhang, PhD

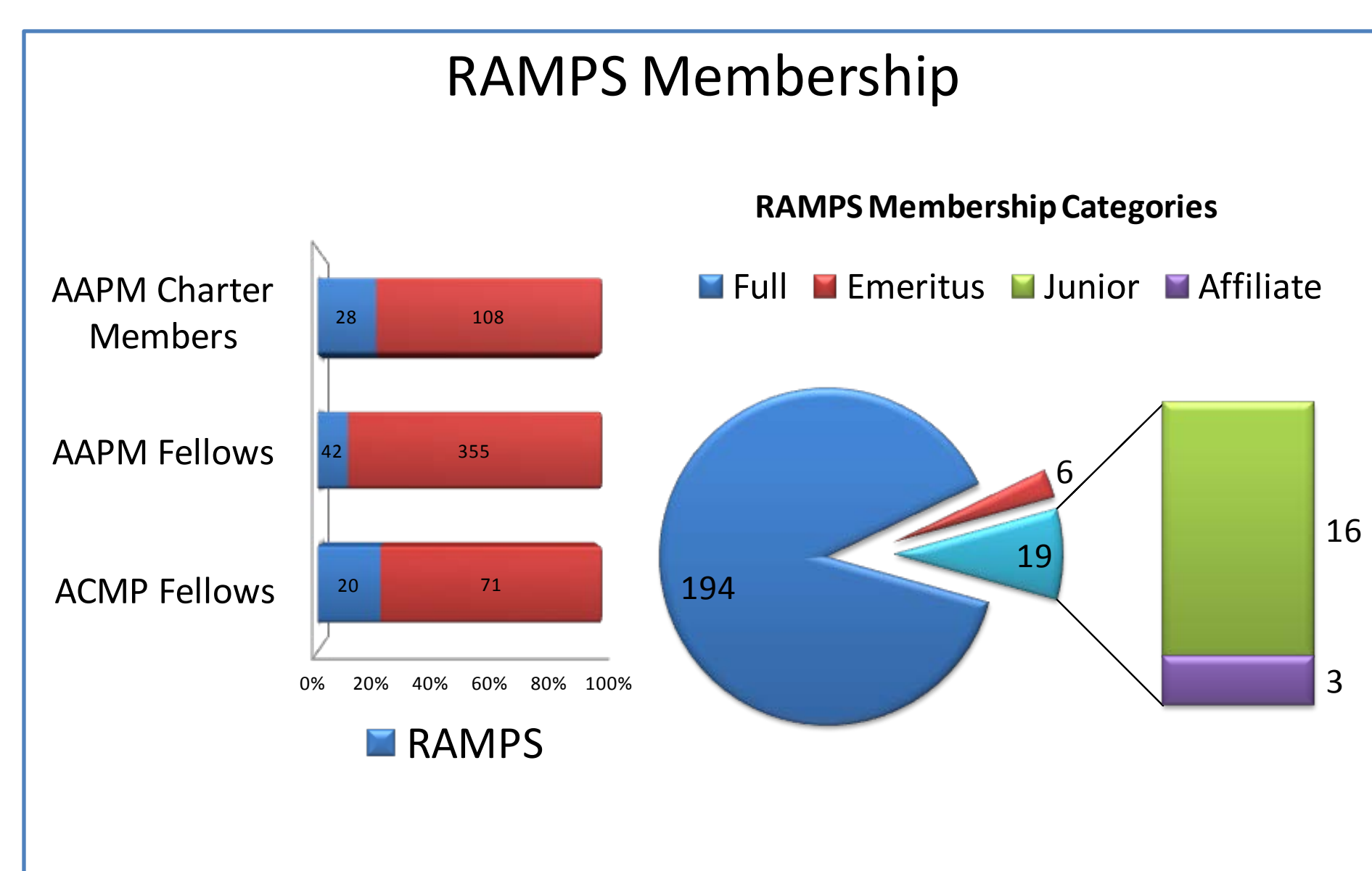
CURRENT RAMPS OFFICERS



Past President Thomas Petrone, PhD **President** Ziad Saleh, PhD **President Elect** Usman Mahmood, MS
 tpetrone@petroneassoc.com salehz@mskcc.org mahmoodu@mskcc.org
AAPM Board Representative Cesar Della Bianca, PhD **Treasurer** Klaus A. Hamacher, PhD **Secretary** Jussi Sillanpaa, PhD
 della-bc@mskcc.org hamacher@hephaistos.com sillanpaj@mskcc.org



On the left - Gathering of RAMPS Presidents in 1988
 From Left: Rob Barish, Maynard 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 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