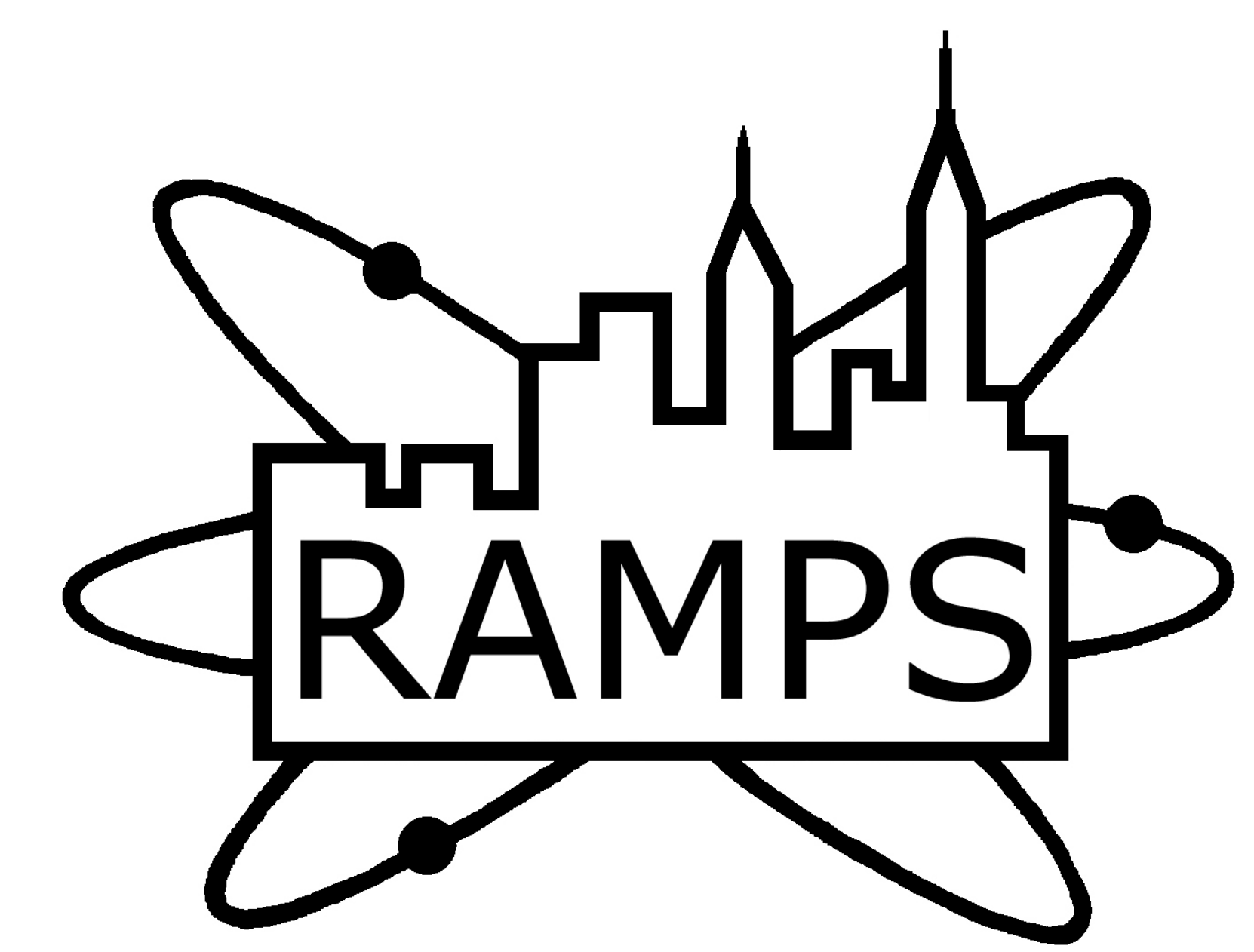




# The Radiological and Medical Physics Society of New York

## RAMPS 1948 – 2013

### 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.

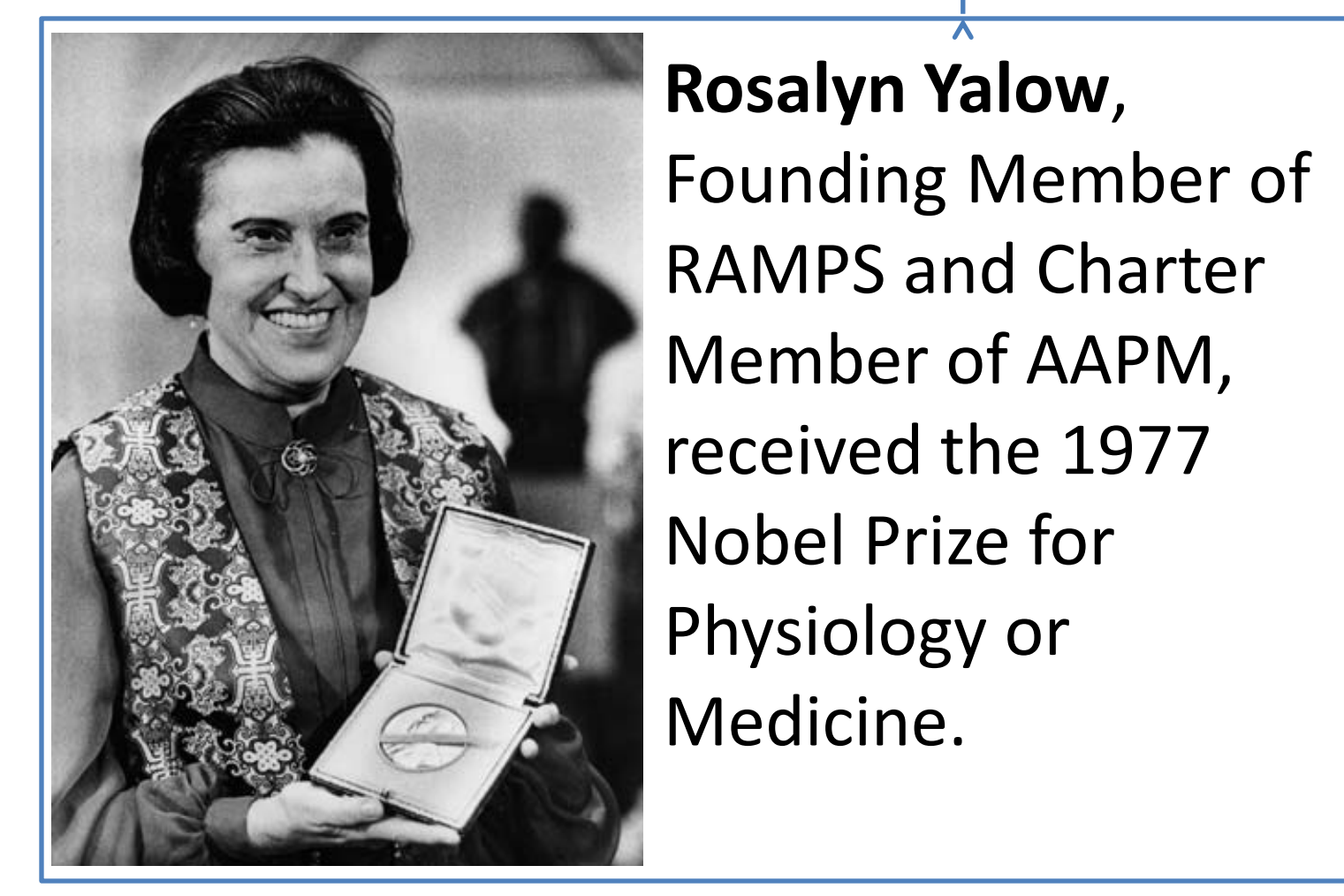
By 1948 the meetings of these medical physicists were on a scheduled basis with elected officers and records. Those initially active in RAMPS included **Mones Berman, Hanson Blatz, Carl Braestrup, Giacchino Failla, Sergei Feitelberg, Elizabeth Focht, Hiram Hart, Lillian Jacobson, Robert Loevinger, Leo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



#### 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

Marvin MD Williams Professional Achievement Award		
John S. Laughlin		1992
Edward L. Nickoloff		2008

AAPM Officers from RAMPS		
<b>President</b>		
John S. Laughlin		1965
Lawrence N. Rothenberg		1998
Howard I. Amols		2005
<b>Secretary</b>		
Jean M. St.Germain		1985

#### 51st Anniversary of the Failla Memorial lecture

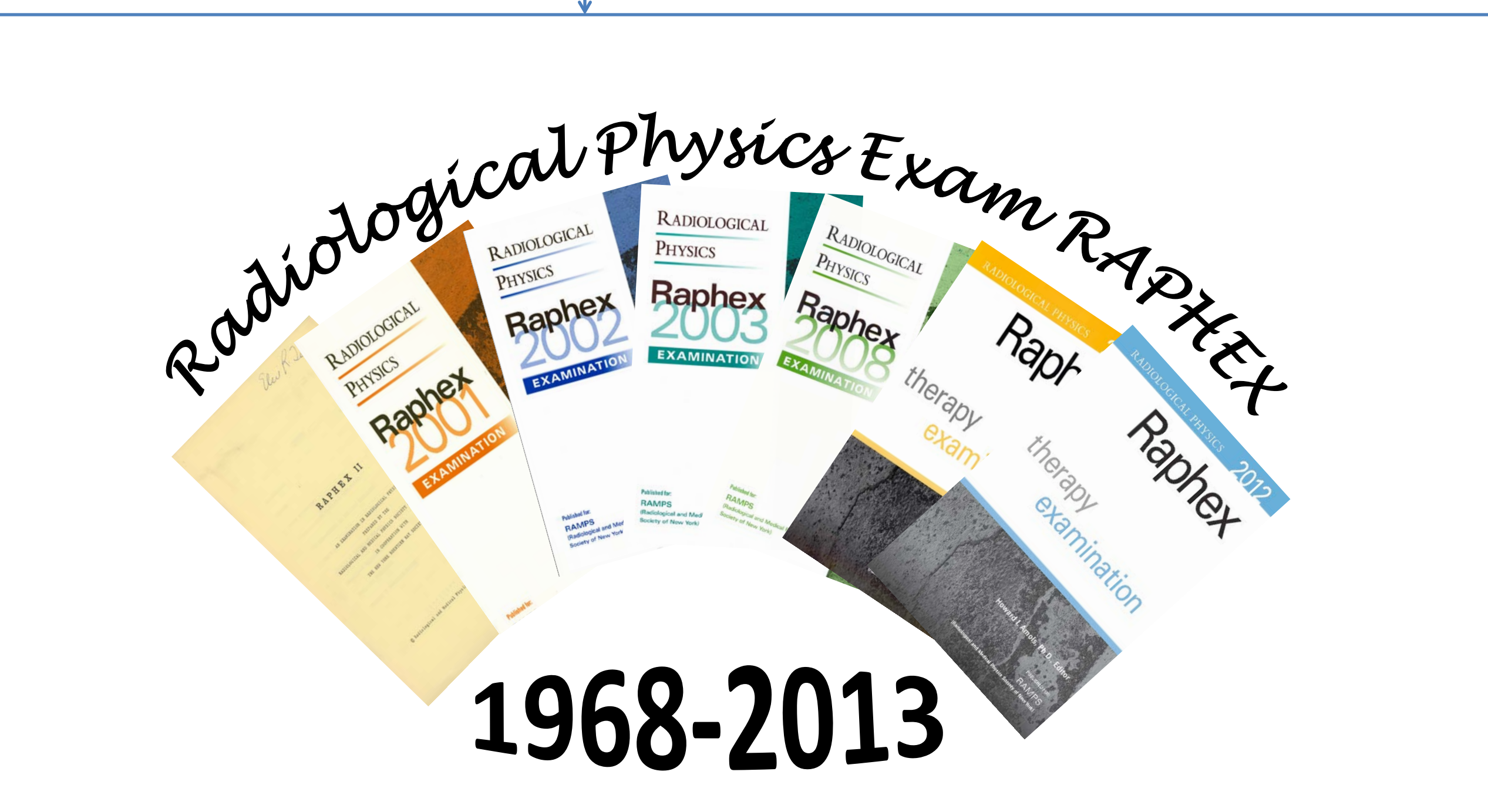
RAMPS, in conjunction with the Greater New York Chapter of the Health Physics Society, holds the Annual Failla Lecture. The lecturer is an internationally known expert on Medical Physics and/or Radiation Protection. This year's lecture presented by Antone L. Brooks marked the 51st Anniversary of the Failla lecture, which honors the memory of Dr. Failla, a Medical Physics pioneer. Other Failla lecturers over the past 7 years are:



- ✦ C. Clifton Ling, Ph.D. 2012
- ✦ Michael T. Ryan, Ph.D. 2010
- ✦ Radhe Mohan, Ph.D. 2009
- ✦ Lawrence N. Rothenberg, Ph.D. 2008
- ✦ John R. Cunningham, Ph.D. 2007
- ✦ William F. Hanson, Ph.D. 2006
- ✦ John D. Boice, Ph.D. 2005

#### RAMPS Presidents

John Laughlin
Robert Schulz 1968
Hiram Hart 1969
Colin Orton 1971
Gerald Shapiro 1973
Jean St. Germain 1974
Morris Hodara 1975
Harry Astarita 1976
Salvatore Vacirca 1977
Paul Goodwin 1978
Lawrence Rothenberg 1979
Christopher Marshall 1980
Mortimer Heller 1981
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 DeWyngaert 1996
James Galvin 1997
C. Clifton Ling 1998
Ceferino Obcemea 1999
Lowell Anderson 2000
Stephen Balter 2001
Mark Belanich 2002
John Humm 2003
J. Keith DeWyngaert 2004
Yeh Chi Lo 2005
Eugene Lief 2006-07
Gig Mageras 2008
Chandra Burman 2009
Cheng-Shie Wu 2010
Jenghwa Chang 2011
Albert Sabbas 2012
Michael Lovelock 2013



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

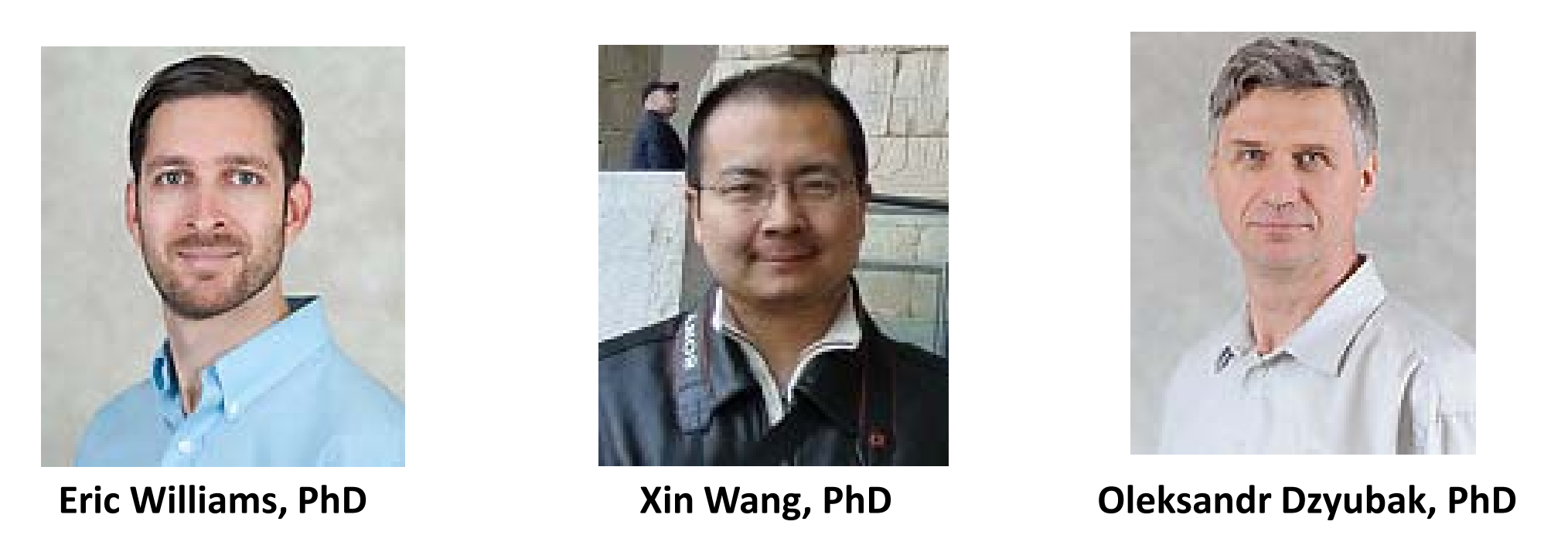
Each year RAMPS conducts a Young Investigators Symposium named in honor of Salvatore Vacirca, a past RAMPS President. Young Investigators are encouraged to submit abstracts for the competition. The speaker judged to have made the best presentation is provided funding to attend an AAPM national meeting.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

1st Place	2nd Place	3rd Place	Year
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
Joseph P. Santoro*	Xuan Zhao§	Stewart J. Becker§	2009
Wenli Wang*	Reshma Munbodh*	Hong F. Xiang‡	2008

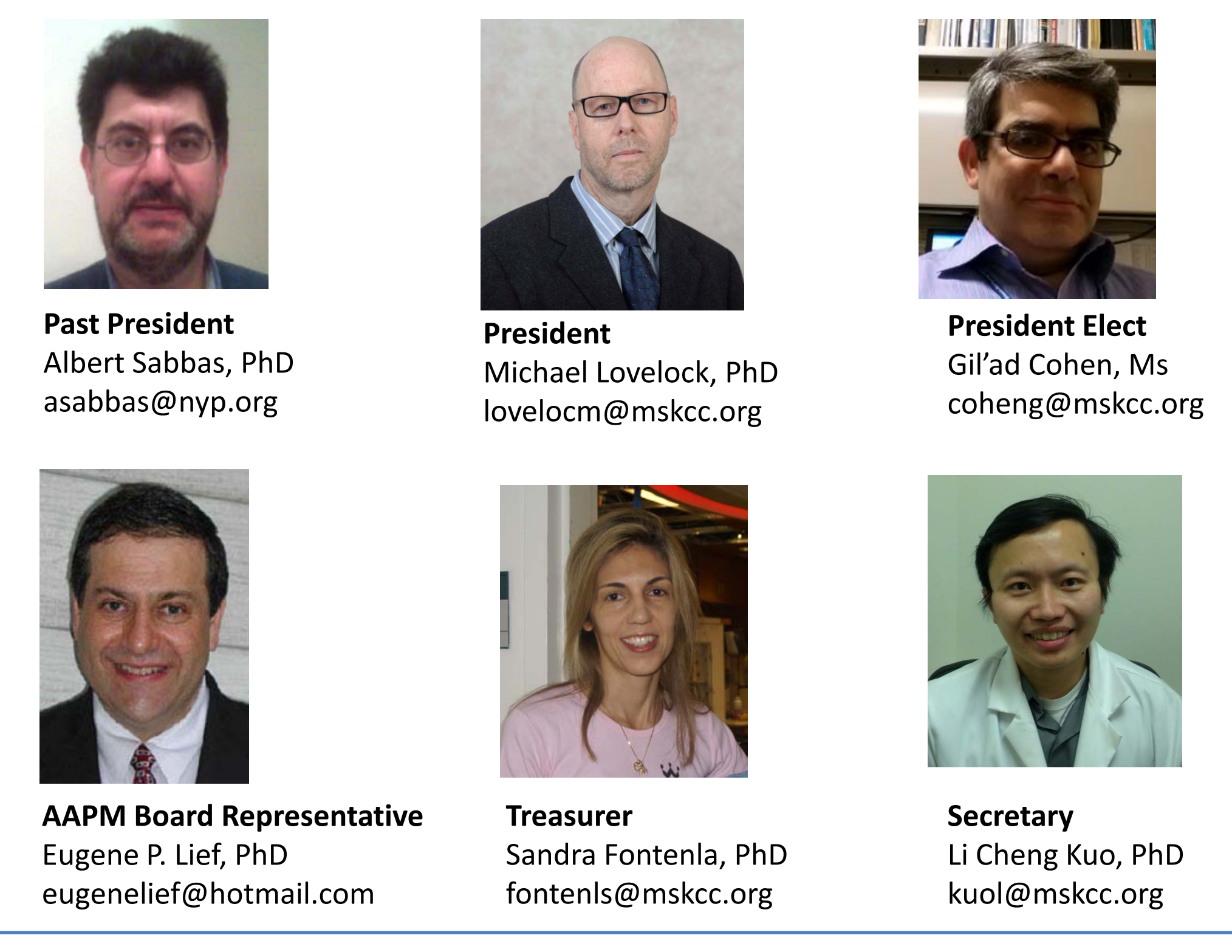
\* Memorial Sloan Kettering Cancer Center  
 † Mount Sinai Medical Center  
 ‡ Rensselaer Polytechnic Institute  
 † Columbia University  
 § New York University  
 ‡ Cornell University

Recent RAMPS Symposia	
2013	Focal Therapy
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
2008	Innovation & Implementation: Medical Physics in Cancer Care
2007	A Survey of In-Room Image Guided Radiotherapy

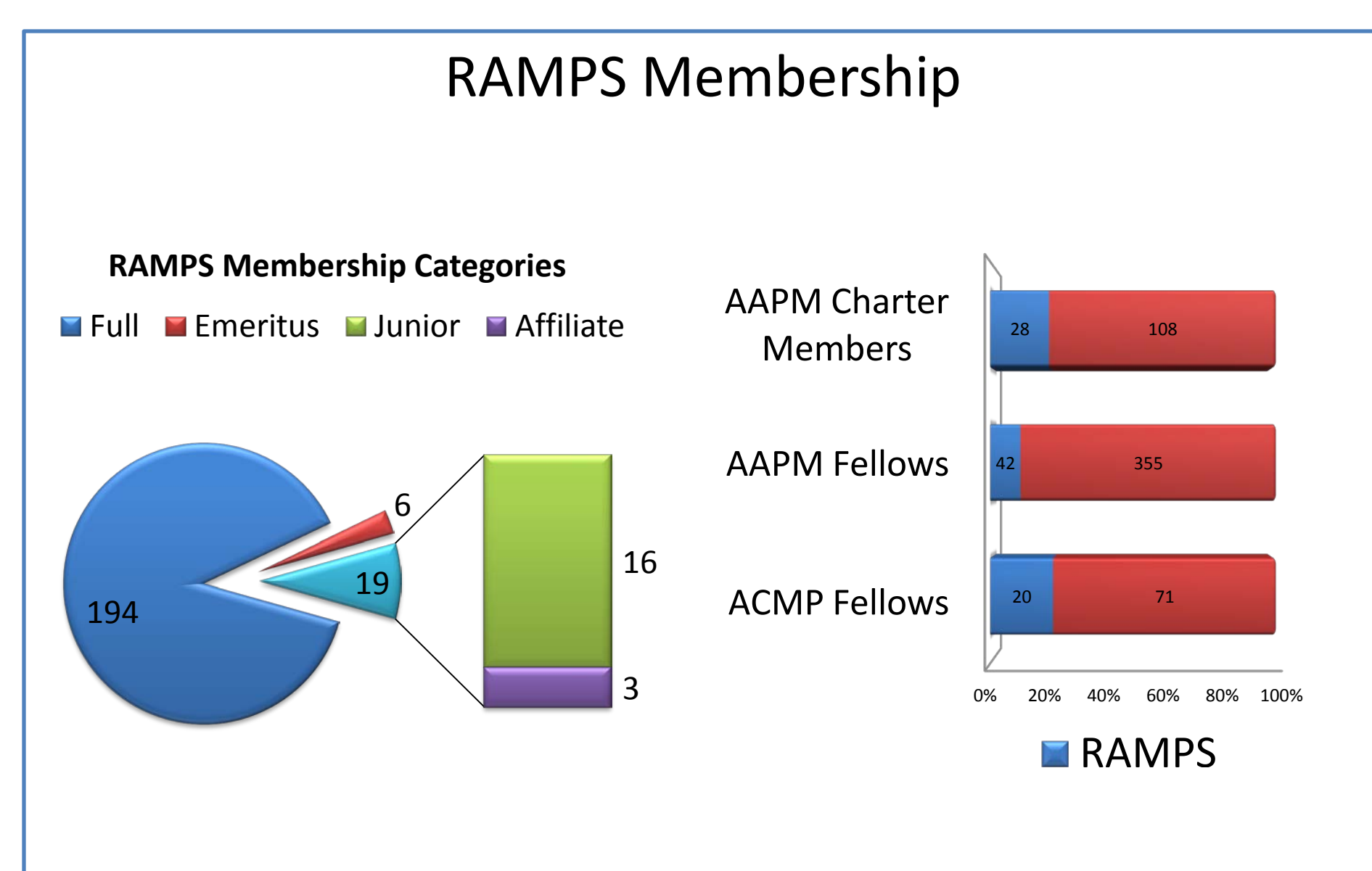
#### THE WINNERS OF THE 2013 VACIRCA YIS AWARD



#### CURRENT RAMPS OFFICERS



**Gathering of RAMPS Presidents (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, Z. Saleh, J. Sillanpaa, J. St. Germain, C. Marshall, D. Fontenla, Y. Pipman, G. Mageras**