Honoring the Charter Members of the American Association of Physicists in Medicine

Robert G. Gould
Chair AAPM History Committee

Houston, Texas

- AAPM milestones
- Location of the 2nd summer Annual Meeting in July 1971 of the AAPM
- AAPM’s 12th Annual Meeting
- My first scientific presentation at a national meeting

Formation of the American Association of Physicists in Medicine

- Discussions began in early 1958
  - Gale Adams, Warren Sinclair, John Laughlin

Founding Fathers

Warren Sinclair Gale Adams

Meeting in Los Angeles
June 20, 1958

Persons participating in discussions with Warren Sinclair at a meeting of the Society of Nuclear Medicine
- R. M. Adams
- G. L. Brownell
- R. C. Granke
- M.A. Greenfield
- E. W. Hackney
- H. R. Haymond
- J. A. Hidalgo
- R. Loevinger
- W. S. Moos
- E. Siegel
- R. S. Yalow
- A. A. Yalow

Steering Committee to Form AAPM
(Formed June 1958)

- G. D. Adams
- R. M. Adams
- N. A. Baily
- C. B. Braestrup
- R. O. Gorson
- M. A. Greenfield
- J. Hale
- R. Loevinger
- R. S. Krohmer
- J. F. Marvin
- W. S. Moos
- J. Ovadia
- L. E. Preuss
- C. S. Simons
- W. K. Sinclair
- R. S. Yalow
American Association of Physicians in Medicine

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<tr>
<th>Date</th>
<th>President</th>
<th>Event</th>
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<tr>
<td>11/17/1958</td>
<td>Adams</td>
<td>General organization meeting (temporary constitution)</td>
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<td>12/07/1960</td>
<td>Sinclair</td>
<td>First edition of The Medical Physicist</td>
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<td>11/27/1961</td>
<td>Hale</td>
<td>First scientific sessions</td>
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<td>11/29/1962</td>
<td>Williams</td>
<td>First Scientific Committee</td>
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<td>11/21/1963</td>
<td>Webster</td>
<td>Competition for AAPM logo</td>
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<td>11/10/1965</td>
<td>Laughlin</td>
<td>AAPM incorporated</td>
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<tr>
<td>6/03/1966</td>
<td>Shalek</td>
<td>First mid-year (summer) topical meeting</td>
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<td>12/03/1967</td>
<td>Lanzl</td>
<td>AAPM becomes an AIP Affiliated Society</td>
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<td>7/13/1970</td>
<td>Keralkes</td>
<td>First summer annual meeting: Washington DC</td>
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Charter Members

Charter Members Who Became President: 13

- Gail Adams, 1958-1960
- Warren Sinclair, 1961
- John Hale, 1962
- Marvin Williams, 1963
- Edward Webster, 1964
- John Laughlin, 1965
- Robert Shalek, 1966
- Lawrence Lanzl, 1967
- John Cameron, 1968
- Robert Gorson, 1969
- Jack Krogher, 1975
- Jacques Ovdla, 1976
- Peter Wooton, 1978

General Business Meeting 1959
2nd Annual Meeting

American Association of Physicians in Medicine

AAPM: 12/04/1948 - 12/03/1967
AAPM (temporary constitution) - 12/04/1948 - 11/30/1951
AAPM incorporated - 12/01/1951 - 11/13/1967
AAPM: First Annual Meeting - November 17, 1958
Chicago, Illinois

• Held prior to the RSNA
• Adopted temporary constitution
• Adopted the recommendation of the steering committee to call the society the American Association of Physicists in Medicine
Charter Member
William D. Coolidge Award Winners

- Robert Shalek, 1973
- John Laughlin, 1974
- Marvin Williams, 1975
- Edith Quimby, 1977
- Larry Lanzl, 1978
- John Cameron, 1980
- Gail Adams, 1982
- Edward Webster, 1983
- Robley Evans, 1984
- Jack Krohmer, 1985
- Warren Sinclair, 1986
- Gordon Brownell, 1987
- Moses Greenfield, 1991
- Robert Loevinger, 1995
- Leonard Stanton, 1996

Charter Members

Rosalyn Yalow
1921-

- Co-developer of radioimmunoassay (RIA), an extremely sensitive isotopic method of measuring hormones and other substances in blood
  - 1977 Nobel prize in physiology or medicine.
- Graduated from Hunter College in 1941
  - First woman to receive a degree from physics department

Peter Wootton
1924-2004

- Born in England, moved to Houston in 1951 to join M.D. Anderson
- Moved to Seattle in 1953 to become Radiation Physicist at Swedish Hospital, switching to University of Washington in 1964
- 20th President of AAPM (1978)

Robert O. Gorson

- Professor of Radiology (Medical Physics) at Thomas Jefferson University
- Numerous committees concerned with radiation uses, effects and dosimetry, of the ACR, RSNA, HPS, AAPM, and NCI
- 11th President of the AAPM (1969)
- AAPM Award for Achievement in Medical Physics (1997)
- AAPM Videographer
  - Conducted more than 125 interviews with prominent medical physicist and members of the AAPM
**John Hale**  
**1921-2006**  
- University of Pennsylvania for 37 years  
- Helped write the AAPM constitution  
- 3rd President of the AAPM (1962)  
- AAPM Award for Achievement in Medical Physics (1998)  
- Initiated scientific sessions at annual meeting (hence my trip to Houston in 1971)  
  - My master thesis advisor

**Larry Lanzl**  
**1921-2001**  
- Born, raised, educated and spent his entire medical physics career in Chicago  
- Worked on the Manhattan Project  
- University of Chicago  
  - Helped develop both $^{60}$Co and linear accelerator  
  - Established the graduate program in Medical Physics  
- 9th President of the AAPM  
- President of the IOMP  
- AAPM Coolidge Award (1978)

**Charter Members**

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**Edith H. Quimby**  
**1891-1982**  
- Joined Gioacchino Failla at NY Memorial Hospital in 1919  
- Seminal research in measuring the penetration of radiation enabled physicians to determine the exact dose needed with the fewest side effects  
- Awards  
  - AAPM Coolidge Award (1977)  
  - RSNA Gold Medal  
  - American Radium Society Janeway Medal  
  - First woman recipient  
- League of Women Voters

**Jack S. Krohmer**  
**1921-2001**  
- 17th President of the AAPM (1975)  
- Received gold medals from ACR and the RSNA  
- Coolidge Award in 1985  
- Beginning in 1961, examined in physics for the American Board of Radiology  
- ABR trustee in 1981: first nonphysician to be a trustee
Edward W. Webster  
1922–2005

- Best known for his work in diagnostic radiology physics, basic radiation protection criteria, and radiation risk estimates
  - Significant contributions to BEIR III
- 5th President of the AAPM (1965)
- AAPM Coolidge Award winner in 1983
- Awarded gold medal by the ACR
- My thesis advisor

Robert Loevinger  
1915–2004

- Known as "Mr. Dosimetry" for his career efforts to make radiation treatments for millions of cancer patients reliable
- 20 years as chief of the National Institute of Standards and Technology's dosimetry section
- Awards
  - AAPM Coolidge Award (1995)
  - Department of Commerce Silver Medal (1980)
  - Federal Laboratory Consortium Award for Excellence in Technology Transfer (1985)
  - Health Physics Society Distinguished Scientific Achievement Award (1993)

Charter Members

John S. Laughlin, Ph.D.  
1918–2004

- Joined Memorial Sloan-Kettering in 1952 as Chair of Medical Physics
- 7th President of the AAPM (1965)
- Awards
  - AAPM Coolidge Award (1974)
  - HPS Distinguished Scientific Achievement Award (1992)
  - SNM Aebersold Award (1984)
  - ACR Gold Medal (1988)
  - ASTRO Gold Medal (1993)
Arnold Feldman

- Received the first AAPM Award for Achievement in Medical Physics in 1996
- Worked on the Manhattan Project
- Career at Mayo Clinic, Washington University in St Louis, and Peoria
- Still making the news!

Peoria man shares view from the dawn of the bomb (Rockford Register Star, July 14, 2008)

Charter Members

- Not only great talents in Medical Physics
  - Developed the field
  - Expanded the applications
  - Improved the success in diagnosis and treatment
- Creative

Charter Members

- Much effort devoted to teaching
- Passionate
  - About medical physics
  - Helping cure disease