

Jean St. Germain Memorial Symposium



AAPM Annual Meeting
San Antonio, TX
July 16, 2019

Special Friend, Colleague, Confidant, Adviser for 47+ Years



She danced at our Wedding (1971)



Jean St. Germain Enters the Field

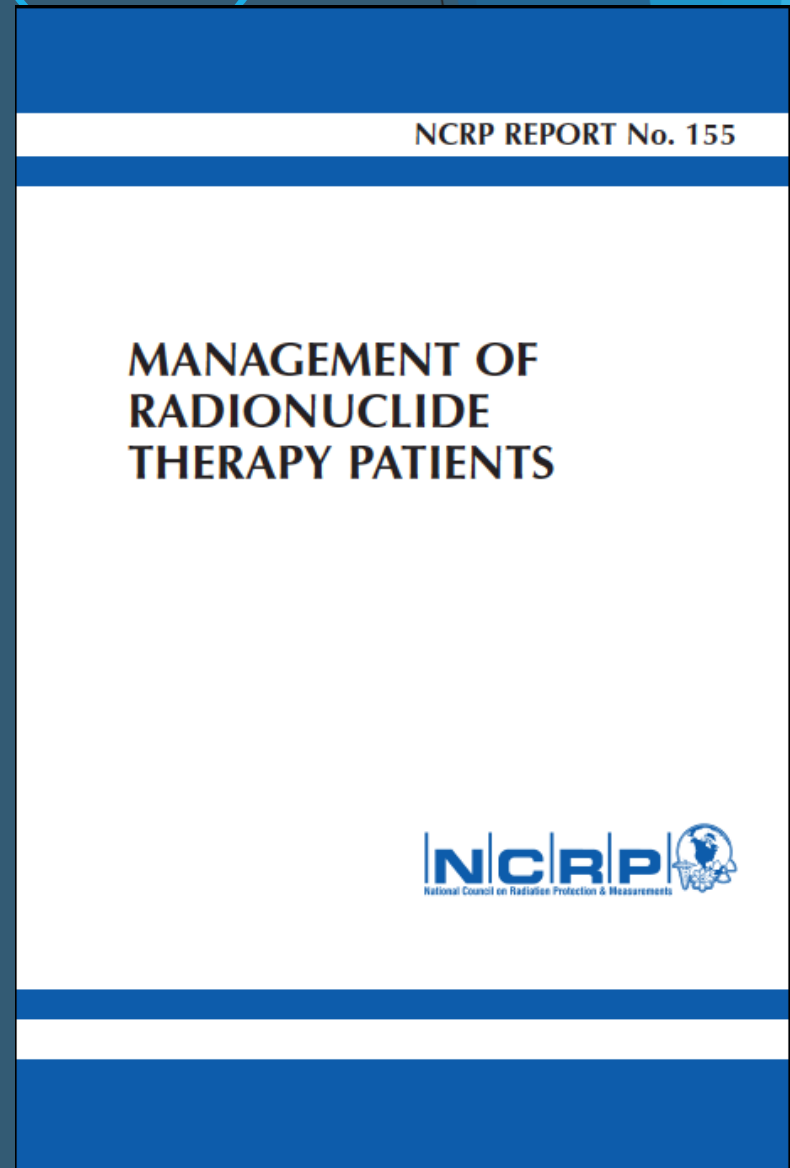
- ▶ 1966 BS Marymount College NYC
- ▶ 1967 Fellow Brookhaven National Lab
- ▶ 1967 MS Rutgers University
- ▶ 1967-68 Fellow Memorial Hospital
- ▶ 1968 Asst Physicist
- ▶ 1973 Asst Attend Physicist
- ▶ 1993 Assoc Attend Physicist
- ▶ 2006 Attend Physicist
- ▶ 2007-10 Acting Chair Medical Physics
- ▶ 2011-17 Vice-Chair Medical Physics

Radiation Protection Expert



NCRP Report No. 155 (2006)

- ▶ Management of Radionuclide Therapy Patients
 - ▶ Jean St. Germain (chair)
 - ▶ Expands and revises the work of John Laughlin 36 y prior.



Great Teacher - Educator



JSG - Educator

- ▶ Lecturer, Examiner, Mentor
- ▶ Journal Articles (e.g.)
 - ▶ Preparing for a Regulatory Inspection, 1978
 - ▶ Evaluation of Dosimeters used at TMI, 1982
 - ▶ I-125 as a Substitute for Ir-192, 1985
 - ▶ Institutional Storage and Disposal of Radioactive Materials, 1986
 - ▶ Radiation Protection Programs, 1986
 - ▶ The Radioactive Patient, 1986
 - ▶ Radiation Monitoring (Personal Dosimeters), 1995
 - ▶ Post-Release Radiation Precautions, 2000
 - ▶ Shielding Factors for LINACS, 2002
 - ▶ Radiation Safety Training, 2006
 - ▶ Radiation Safety for PET-CT and Cyclotrons, 2008
- ▶ Critical Reviewer and Editor

Accepted Answer for All
ABR Oral Radiation
Protection Questions:

Call Jean St. Germain
212-639-7390

Acting Chair, then Associate Chair, of
the Department of Medical Physics.
Also, adviser to three other Chairs of
Medical Physics



Adviser to MSKCC Administrators and Dept Chairs



Adviser to Students, Postdocs, Residents – Particularly Young Women entering the Field



Jean Helped Us to Get Medical Physics Licensure in NYS



Jean Never Met a Podium or Microphone That She Did Not Like



JSG - Consummate “Professional”

- ▶ Radiological and Medical Physics Society
- ▶ Greater NY Chapter Health Physics Society
 - ▶ Failla Award, 1999
- ▶ National Health Physics Society
 - ▶ Fellow, 2002
- ▶ American Association of Physicist in Medicine
 - ▶ Fellow, 1988
 - ▶ Distinguished Service, 2001
 - ▶ Marvin Williams Lifetime Achievement, 2015
- ▶ International Radiation Protection Association
- ▶ American Institute of Physics
- ▶ American Board of Health Physics
- ▶ American Academy of Health Physics
- ▶ American Board of Medical Physics
- ▶ Consultant on Rad Therapy Vault Shielding Designs
- ▶ NYS Advisory Committees and Consultant

National Officer AAPM Secretary and Parliamentarian



Jean's Many AAPM Activities

Jean served AAPM as:

- ▶ Secretary
- ▶ Four Terms on the AAPM Board of Directors
- ▶ Chair of the Rules Committee
- ▶ Parliamentarian
- ▶ Founding Chair of the Development Committee
- ▶ Member of the Governing Board of the AIP
- ▶ Jean received the 2004 Varian Award for the Best Professional Paper, *Journal of Applied Clinical Medical Physics in 2004*

Jean's Other National Activities

- ▶ Treasurer of the American Academy of Health Physics
- ▶ Vice-Chair of the American Board of Medical Physics
- ▶ Chair of the ABHP Examining Panel in Medical Health Physics
- ▶ Fellow, Health Physics Society

Medical Worker Cohort

- ▶ 1969 - Jean compiles in a handwritten journal, all staff dosimetry records from 1946-1969.
- ▶ 1994 - USNRC Dose Database, Million Person Study
- ▶ 2017 - Bernstein/Dauer, MSKCC medical worker cohort of ~25-30K workers.

Perennially active in
AAPM and RAMPS
HPS and GNYCHPS
1998 Failla Award

1998

Jean M. Saint Germain



2015 Awardee

AAPM Marvin Williams Award



MSKCC Awardee - 2013 - 45 Years (Jean actually completed 50 years at MSK)



The background consists of several overlapping, semi-transparent blue geometric shapes, primarily triangles and quadrilaterals, in various shades of blue, ranging from a deep navy to a bright cyan. The shapes are arranged in a way that creates a sense of depth and movement, with some shapes appearing to be layered on top of others. The overall effect is a modern, abstract design.

Jean's Other Important Functions

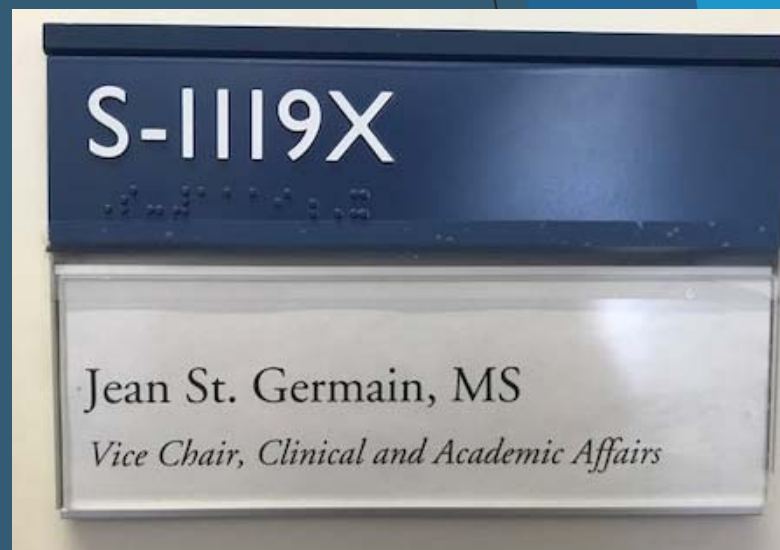
Department of Medical Physics Party Planner and Supervisor



Cake Slicer at all DMP Functions



All at MSK deeply miss being able to go and chat here



However, if you would like to visit with Jean go to:

- ▶ www.aapm.org
- ▶ Then click on “AAPM” on the top bar
- ▶ Then click on “History and Heritage” on the bottom right
- ▶ Then click on “Historical Interviews” at the top
- ▶ Then click on:
 - ▶ 2015 Jean St. Germaine(sic) Interviewed by Larry Rothenberg
 - ▶ 1998 Jean St. Germain Interviewed by Bob Gorson
 - ▶ 2004 C. Clifton Ling Interviewed by Jean St. Germain

We all mourn the loss of our
great friend and colleague:
Jean St. Germain



Upcoming SAM Talks in this Memorial Session for Jean

- ▶ Radiobiology - Biological Effects, Therapeutic Ratio, and Hypofractionated RT
Ellen Yorke, Ph.D., Attending Physicist,
MSKCC, New York, N.Y.
- ▶ Radioepidemiology - Genetics, Family History, and Environment - Update From the WECARE Breast Cancer Epidemiology Study
Jonine Bernstein, Ph.D., Attending Epidemiologist
MSKCC, New York, NY
- ▶ Safety - Prevention of Errors in Radiation Oncology: Current Strengths and Opportunities
Grace Gwe-Ya Kim, Ph.D., Univ. Cal., San Diego, CA
Chair, AAPM Working Group on Prevention of Errors in Radiation Oncology