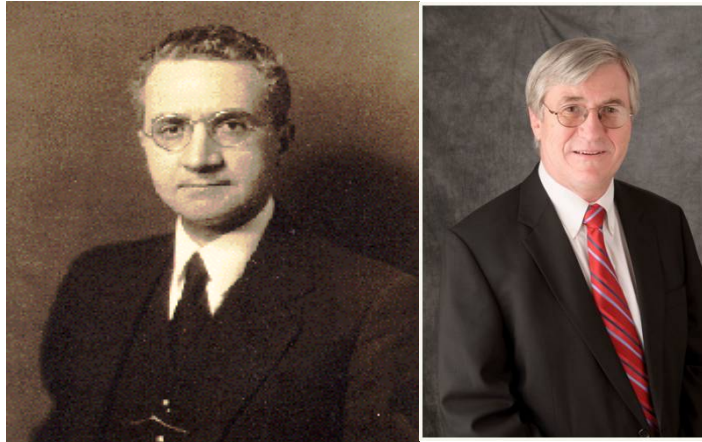


The Radiological and Medical Physics Society of New York  
and  
The Greater New York Chapter, Health Physics Society  
Present:



## **FAILLA MEMORIAL LECTURE - Honoring John Humm, Ph.D.**

Radionuclide Dosimetry – Where Dose-Response Enters the Twilight Zone

**Tuesday, February 6<sup>th</sup>, 2018**

### **The Griffis Faculty Club**

New York-Presbyterian Hospital/Weill Cornell Medical College  
521 East 68<sup>th</sup> Street, New York, NY 10065 (Directions attached)

Board Meeting 5:00- 6:00 PM  
Cocktail Hour 6:00 – 7:00 pm  
Dinner and Presentation 7:00- 9:00PM

To register please click here for the PayPal link  
[http://chapter.aapm.org/ramps/RAMPS/Failla\\_2017.html](http://chapter.aapm.org/ramps/RAMPS/Failla_2017.html)

**Register by January 31<sup>st</sup>:** \$75 RAMPS and GNYCHPS members, \$100 non-members, post-doctoral/residents \$50, full time students \$25  
**After January 31<sup>st</sup>:** \$125 for all.

## John Humm, PhD



Dr. John Humm received his PhD degree in 1983 from Southbank University, London, for work performed at the Nuclear Research Center in Juelich, Germany with Professor Ludwig Feinendegen on the dosimetry of Auger electron emitters. He spent 5 years at the Radiobiology Division of the Medical Research Council in Harwell, England, developing models for radioimmunotherapy (RIT). From 1989-93, he worked on patient radioimmunotherapy at the Joint Center for Radiation Therapy at Harvard Medical School/Massachusetts General Hospital. In 1993, Dr. Humm re-located to Memorial Sloan-Kettering Cancer Center (MSKCC) as the Chief of its Nuclear Medicine Physics Service and is currently a Member (Full Professor) and Attending Physicist at MSKCC. He is also Vice-Chairman for Research of the Department of Medical Physics.

Dr. Humm is certified by the American Board of Radiology (ABR) in both Therapeutic and Nuclear Radiologic Physics. He has nearly 200 peer-reviewed articles and numerous book chapters, including seminal papers on such diverse topics as the optimum sequence and timing of external-beam radiation therapy and RIT, PET-based treatment planning and monitoring, and alpha-particle dosimetry. His current research interests include the use of nuclear imaging methodologies to elucidate the biological basis of tumor hypoxia images, including the study of the intra-tumoral distribution of the expression of hypoxia reporter gene constructs and exogenous PET hypoxia tracers such as  $^{18}\text{F}$ -FMISO,  $^{18}\text{F}$ -EF5,  $^{64}\text{Cu}$ -ATSM and  $^{124}\text{I}$ -IAZGP. He played a key role in the development of image-guided partial oxygen pressure ( $\text{pO}_2$ ) probe measurements to corroborate hypoxia image data and to elucidate the impact of interventions that modulate hypoxia and its effects.

Dr. Humm is past Associate Editor of *Radiation Research* and has had a number of NIH research and training grants. He served as president of the Radiological and Medical Physics Society of New York (RAMPS) and as the RAMPS representative to the Board of Directors of the American Association of Physicist in Medicine (AAPM). Dr. Humm received the 212 Loevinger-Berman Award from the Society of Nuclear Medicine and Molecular Imaging for "...excellence in the field of internal dosimetry." He has contributed as an author and editor to publications of the International Council on Radiation Protection and Measurement (ICRP) and the International Atomic Energy Agency (IAEA).

## **Directions and Parking for [The Griffis Faculty Club](#):**

### **By Subway**

Take the #6 train to East 68th Street. Walk four blocks east to York Avenue, or take the M66 bus eastbound to York Avenue.

### **By Bus**

Take the M31 to the East 69th Street stop, directly in front of Weill Cornell Medical College. (The M31 operates north and south on York Avenue, and across town on 57th Street.)

Cross town buses M30, M66, and M72 allow you to transfer to the M31 at York Avenue.

### **By Car**

Approaching from South of East 68th Street, take the FDR Drive northbound to the 61st Street exit. Make right onto York Avenue and go north to 68th Street.

Approaching from North of East 68th Street, take the FDR Drive southbound to the 71st Street exit. Make left onto York Avenue and go south to 68th Street.

### **Parking**

Parking is available 24 hours a day at nearby facilities at the following parking garages:

Greenberg  
525 E. 68th Street  
(between York Ave. & East River)  
Tel: (212) 746-2015

Helmsley  
507 E. 70th Street  
(between York Ave. & East River)  
Tel: (212) 746-1974

Payson  
426 E. 71st Street  
(between First Ave. & York Ave.)  
Tel: (212) 746-1977

Phipps House  
1285 York Avenue  
(between E. 68th St. & E. 69th St.)  
Tel: (212) 746-1979

# NewYork-Presbyterian Hospital/Weill Cornell Medical Center

