

Innovations and Emerging Applications in Radionuclide Imaging With the Expanding Role of Medical Physicists

SEAAPM 2016 Educational Symposium

Director/Organizer: Jonathon A. Nye, PhD., Emory University

Perry Sprawls, Ph.D., Emory University & Sprawls Education Foundation

March 10 – 11, 2016

Hilton Knoxville Hotel, Knoxville, TN

The 1.5 day symposium will be of value to medical physicists and other healthcare professionals who have an interest and involvement in nuclear medicine both as diagnostic and therapeutic physicists including responsibilities for radiation safety/risk management along with regulatory compliance.

Registration Website: <http://chapter.aapm.org/seaapm>

Registration Category	by March 2, 2016	after March 2 nd
AAPM or SEAAPM Member	\$275	\$400
Non-Member	\$325	\$450
Student	\$70	\$125
Dosimetrist	\$150	\$225

Hotel Reservation Deadline: **February 9, 2016**

Reservations can be made through the link on the SEAAPM. Registration Website or by calling 1-800-445-8667 or 1-865-251-2578 and using the code "SEAAPM".

Program Details and Schedule on Following Pages

CAMPEP CEs: 9 MPCEC hours

ABR SAMs: 3.75 hours

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Thursday, March 10th

7:00AM	Hot Breakfast Served
8:00-8:15 AM	Welcome and Overview, Day 1 Jonathon A. Nye PhD, Emory University
8:15-9:00 AM	Gamma Camera design and Acquisition Characteristics Sharon White PhD, University of Alabama
9:00-9:45 AM	PET Physics and Recent Advances Sameer Tipnis PhD, Medical University of South Carolina
9:45-10:00 AM	Questions and Discussion
10:00-10:15 AM	Morning Break
10:15-11:15 PM	Emerging Nuclear Medicine Instrumentation Current Status and Expectations for PET/MRI Michael Yester PhD, University of Alabama Pixilated CZT Cameras James Galt PhD, Emory University Questions and Discussion
11:15-12:00	SPECT and PET Instrumentation Quality Control William Erwin MS, University of Texas MD Anderson Cancer Center
12:00-1:00 PM	Lunch
1:00-1:30 PM	Nuclear Medicine Regulation and Accreditation: Physicist “Hot” Topics William Erwin MS, University of Texas MD Anderson Cancer Center
1:30-2:15 PM	Image Reconstruction Timothy Turkington PhD, Duke University
2:15-2:45 PM	Quantitative Imaging Metrics Jonathon A. Nye PhD, Emory University
2:45-3:00 PM	Questions and Discussion
3:00-3:15 PM	Afternoon Break
3:15-4:00 PM	Molecular imaging inside radiation therapy treatment rooms Justin Roper PhD, Emory University
4:00-4:45 PM	Role of Nuclear Medicine in Treatment Planning Shiva Das PhD, University of North Carolina
4:45-5:00 PM	Questions and Discussion

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Friday, March 11th

7AM	Hot Breakfast Served
8:00-8:15 AM	Welcome and Overview, Day 2 Jonathon A. Nye PhD, Emory University
8:15-9:00 AM	PET/CT and SPECT/CT Shielding Michael Yester PhD, University of Alabama
9:00-9:45 AM	Patient Safety and Dosimetry Keith Eckerman, PhD, Oak Ridge National Laboratory
9:45-10:00 AM	Questions and Discussion
10:00-10:30 AM	Morning Break
10:30-11:15 AM	Nuclear Medicine Informatics Environment James Galt PhD, Emory University
11:15-11:30 AM	Nuclear Medicine Physicist Training, Panel Discussion Jonathon A. Nye PhD, Perry Sprawls PhD
11:30-12:00 PM	Discussion and Adjournment



For other information please contact:
Jonathon Nye at: jnye@emory.edu