12:30 PM  
*Registration Desk Opens*

1:00 PM  
*Opening Remarks*

**Jules Sumkin, DO, FACR**  
Professor and Chair of Radiology  
UPMC Endowed Chair for Women’s Imaging

**Ashok Panigrahy, MD**  
Professor  
John F. Caffey Endowed Chair in Pediatric Radiology  
Radiologist-in-Chief, UPMC Children’s Hospital of Pittsburgh  
Vice Chair, Clinical and Translational Imaging Research, Department of Radiology

1:15 – 1:50 PM  
*Precision Imaging*

**Martin Pomper, MD, PhD**  
Henry N. Wagner, Jr., Professor  
Director, Division of Nuclear Medicine and Molecular Imaging  
Associate Dean for Entrepreneurship and Technology Development  
Johns Hopkins University

1:50– 2:25 PM  
*Bench to Bedside: Developments in Cardiac Amyloidosis*

**Yvonne Eisele, PhD**  
Assistant Professor of Medicine  
Division of Cardiology  
University of Pittsburgh Medical Center

**Prem Soman MD, PhD, FRCP (UK), FACC, MASNC**  
Associate Professor of Medicine (Cardiology), and Clinical & Translational Science  
Director, Nuclear Cardiology  
Director, UPMC Cardiac Amyloidosis Center  
Director, Advanced Cardiac Imaging Fellowship  
Division of Cardiology and The Heart and Vascular Institute  
University of Pittsburgh Medical Center

2:25 – 3:00 PM  
*Nuclear Theranostics: Today and Tomorrow*

**Ashok Muthukrishnan MD, MS**  
Chief of Nuclear Medicine  
Director of Theranostics  
Department of Radiology, UPMC Presbyterian Shadyside  
University of Pittsburgh Medical Center

**Shyam M. Srinivas, MD, PhD**  
Assistant Professor of Radiology  
Director of Molecular Imaging Research  
University of Pittsburgh Medical Center
3:00-3:15 PM  
*Coffee break*

3:15 – 3:50 PM  
*The Development of Total Body PET and its Projected Applications*  
Terry Jones, DSc  
University of California Davis

3:50 – 4:25 PM  
*Insights into Human Neurochemistry from MR-PET Imaging*  
Jacob Hooker, PhD  
Associate Professor of Radiology, Harvard Medical School  
Phyllis and Jerome Lyle Rappaport MGH Research Scholar  
Athinoula A. Martinos Center, Massachusetts General Hospital

4:25 – 5:00 PM  
*Development of Selective Amyloid Imaging Agents*  
Chet Mathis, PhD  
Distinguished Professor of Radiology  
UPMC Endowed Chair of PET Research  
University of Pittsburgh

5:00 PM  
*Concluding Remarks*  
Carolyn J Anderson, PhD  
Professor of Medicine, Radiology, Pharmacology & Chemical Biology, Chemistry, and Bioengineering;  
Director, Molecular Imaging Laboratory  
University of Pittsburgh

5:00 – 6:00 PM  
*Reception*
Frontiers in Molecular Imaging
State-of-the-Art PET Imaging in Oncology, Cardiology, Neurology

Thursday, November 21, 2019
The Oaklander Hotel – The Cathedral Room

Objectives

- To highlight the recent advances in molecular imaging that have been developed at the University of Pittsburgh and at other institutions.
- To inform the Pitt/UPMC community on advances of how imaging is used in precision medicine, including how to specifically diagnose and monitor treatment in cardiac amyloid, cancer, and neurological diseases, including Alzheimer’s disease.
- To inform the Pitt/UPMC community on recent advances in PET/CT instrumentation that have dramatically improved resolution and sensitivity.
- In support of improving patient care, the University of Pittsburgh is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME) and the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Target Audience

Faculty, trainees, staff at Pitt and UPMC who are interested in learning more about PET imaging of cancer, neurological disease, and cardiac disease

CME Accreditation and Designation

In support of improving patient care, the University of Pittsburgh is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME) and the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Physicians

The University of Pittsburgh School of Medicine designates this live activity for a maximum of 3.75 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Other health care professionals

Other health care professionals will receive a certificate of attendance confirming the number of contact hours commensurate with the extent of participation in this activity.
Faculty Disclosure

All individuals in a position to control the content of this education activity including members of the planning committee, speakers, presenters, authors, and/or content reviewers have disclosed all relevant financial relationships with any entity producing, marketing, re-selling, or distributing health care goods or services, used on, or consumed by, patients.

The following relevant financial relationships were disclosed:

**Carolyn J. Anderson, PhD**
Grant/Research Support: Lumiphore, Inc.
Stockholder: Lumiphore, Inc.

**Terry Jones, DSc**
Grant/Research Support: UC Davis research agreement and revenue sharing agreement

**Chet Mathis, PhD**
Licensed IP through the University of Pittsburgh to GE Healthcare

**Martin Pomper, MD, PhD**
Consultant: Precision Molecular Co
Stockholder: Precision Molecular

**Prem Soman, MD**
Grant/Research Support: Astellas, Pfizer
Consultant: Pfizer, Inois, Alnylam

No other planners, members of the planning committee, speakers, presenters, authors, content reviewers and/or anyone else in a position to control the content of this education activity have relevant financial relationships to disclose.

The information presented at this CME program represents the views and opinions of the individual presenters, and does not constitute the opinion or endorsement of, or promotion by, the UPMC Center for Continuing Education in the Health Sciences, UPMC / University of Pittsburgh Medical Center or Affiliates and University of Pittsburgh School of Medicine. Reasonable efforts have been taken intending for educational subject matter to be presented in a balanced, unbiased fashion and in compliance with regulatory requirements. However, each program attendee must always use his/her own personal and professional judgment when considering further application of this information, particularly as it may relate to patient diagnostic or treatment decisions including, without limitation, FDA-approved uses and any off-label uses.

Acknowledgement of Commercial Support

We gratefully acknowledge support from the following for this activity.

Exhibitors:

- Advanced Accelerator Application USA, Inc.
- Cardinal Health Nuclear & Precision Health Solutions
- GE Healthcare
- SOFIE
- United Imaging