

## AGENDA

### Day One – Monday, June 13th

7:30 AM

#### Continental Breakfast

*Grand Ballroom Foyer*

8:00 AM **Welcome and Overview**

*Grand Ballroom –  
Salons A & B*

Carolyn R. Aldigé, Prevent Cancer Foundation  
James L. Mulshine, MD, Rush University Medical Center

8:30 AM **Keynote: “The Evolution of the Quality Process for Mammography,  
Lessons Learned and New Opportunities”**

Kish Chakrabarti, PhD, FAAPM, Center for Devices and Radiological Health,  
US Food and Drug Administration

9:30 AM **2016 James L. Mulshine, MD National Leadership Award**

Laurie Fenton Ambrose, Lung Cancer Alliance  
Guest Presenters – to be announced

9:40 AM **Responding to the Obama Administration’s Cancer Moonshot: Implication for Lung  
Cancer and Quantitative Imaging**

Thomas M. Baer, PhD, National Photonics Initiative, Stanford University

10:15 AM

#### Break

*Grand Ballroom Foyer*

10:30 AM – 12:00 PM

*Grand Ballroom –  
Salons A & B*

#### Panel Discussion: Engaging Industry in the QI Management of Early Lung Cancer and Related Tobacco-induced Thoracic Diseases

**Chair:** James L. Mulshine MD, Rush University Medical Center

Susan Wood, PhD, Chief Executive Officer, VIDA  
Richard Frank, MD, PhD, Chief Medical Officer, Siemens  
James Kreindler, MD, Clinical Development Director, GlaxoSmithKline  
Elaine Wang, MD, Clinical Development and Medical Affairs Director,  
Boehringer Ingelheim

12:00 – 1:00 PM

#### Lunch

*Montrose – Great Falls Room*

1:00 – 4:30 PM

*Grand Ballroom –  
Salons A & B*

#### Establishing the Foundation of Quantitative Imaging in Early Lung Cancer Care

**Chairs:** Daniel C. Sullivan, MD, Quantitative Imaging Biomarkers Alliance (QIBA)  
David Yankelevitz, MD, PhD, Icahn School of Medicine at Mount Sinai

1:00 PM

#### Computational Approach to Validating Image Quality in A Screening Program

Ricardo Avila, MS, Accumetra, LLC

1:30 PM

#### The Evolution of Radiomics and CT Screening for Lung Cancer

Maryellen Giger, PhD, University of Chicago

## AGENDA

### Day One – continued

**2:00 PM Gender Differences in CT Calcium Scoring: A Phantom Study**  
Nicholas Petrick, PhD, US Food and Drug Administration

**2:30 PM Status of the Quantitative Imaging Profile**  
David Gierada, MD, Washington University

**3:00 PM Lung Cancer Screening Registries as a Transformation Resource for Rapid Learning Across Tobacco-related Diseases**  
David Yankelevitz, MD, PhD, Icahn School of Medicine at Mount Sinai

**3:30 PM Break**  
*Grand Ballroom Foyer*

**3:45 PM Quantitative Imaging: Lung Cancer, COPD, Atherosclerotic Vascular Disease- A Systems Tool**  
*Grand Ballroom – Salons A & B*  
Raul San José Estépar, PhD, Brigham and Women's Hospital, Harvard Medical School

**4:15 PM Panel: Crowdsourcing the Optimization of Imaging Protocols**  
**Chair:** Ricardo Avila, MS, Accumetra, LLC

Roshni Bhagalia, PhD, MS, GE Global Research  
Richard Frank, MD, PhD, Chief Medical Officer, Siemens

David Yankelevitz, MD, PhD, Mount Sinai School of Medicine  
Anthony P. Reeves, PhD, Cornell University  
Raul San José Estépar, PhD, Brigham and Women's Hospital, Harvard Medical School

**4:45 – 5:45 PM Preliminary Breakout Sessions**  
*Montgomery – Democracy Room*  
**A – Catalyzing Coordinated Industry, Academia, Health Care Provider and Patient Activism Through the White House Cancer Moonshot Initiative**  
Laurie Fenton Ambrose, Lung Cancer Alliance  
Thomas M. Baer, PhD, National Photonics Initiative, Stanford University

*Kenwood Room*  
**B – Proposing a National Infrastructure for Implementing Quantitative Imaging Quality Processes**  
Ricardo Avila, MS, Accumetra, LLC  
Daniel C. Sullivan, MD, Quantitative Imaging Biomarkers Alliance (QIBA)

**5:45 PM Meeting Adjourns for the Day**

**6:30 PM Reception**  
*Outdoor Pool Area (weather permitting) or Annapolis – Chesapeake Foyer*

**7:15 PM Dinner**  
*Annapolis – Chesapeake Room*

## AGENDA

### Day Two – Tuesday, June 14th

7:30 AM

#### Continental Breakfast

*Grand Ballroom Foyer*

8:00 – 9:00 AM

*Grand Ballroom –  
Salons A & B*

#### Issues with Screening Implementation

**Chairs:** Lisa Karam, PhD, National Institute of Standards and Technology (NIST),  
Medical Imaging & Technology Alliance (MITA)  
Anthony P. Reeves, PhD, Cornell University

8:00 AM

#### Model of Lung Cancer Screening Implementation: Is It Interoperable?

Joelle Fathi, DNP, RN, ARNP, CTTS, Swedish Cancer Institute

8:30 AM

#### Exemplar of Integration: Combining Lung Cancer, COPD and Cardiac Calcium Screening - Actuarial Issues

Bruce Pyenson, FSA, MAAA, Milliman, Inc.

9:00 – 10:00 AM

*Grand Ballroom –  
Salons A & B*

#### Combined Breakout Group Discussion

##### A – Catalyzing Coordinated Industry, Academia, Health Care Provider and Patient Activism Through the White House Cancer Moonshot Initiative

Laurie Fenton Ambrose, Lung Cancer Alliance

Thomas M. Baer, PhD, National Photonics Initiative, Stanford University

##### B – Proposing a National Infrastructure for Implementing Quantitative Imaging Quality Processes

Ricardo Avila, MS, Accumetra, LLC

Daniel C. Sullivan, MD, Quantitative Imaging Biomarkers Alliance (QIBA)

10:00 AM

#### Break

*Grand Ballroom Foyer*

10:15 AM – 12:00 PM

*Grand Ballroom –  
Salons A & B*

#### Tobacco Imaging Assessment

10:15 AM

#### The Next Frontier in Integrating Quantitative Coronary Artery Calcification Analysis

Harvey Hecht, MD, Icahn School of Medicine at Mount Sinai

10:45 AM

#### Screening Populations: COPD or Lung Cancer or Both? Risk in High-risk Populations

C. Matthew Kinsey, MD, MPH, University of Vermont

11:15 AM

#### Application of Big Data to Optimize Lung Cancer Screening Productivity

Claudia Henschke, PhD, MD, Icahn School of Medicine at Mount Sinai

**"Quantitative Imaging Workshop XIII:  
Lung Cancer, COPD and Cardiovascular Disease  
– Exploring the Intersections"**  
June 13-14, 2016 | Bethesda Marriott, Bethesda, MD



**AGENDA**  
**Day Two – continued**

- 11:45 AM – 12:45 PM Breakout Group Presentations and Discussion**  
*Grand Ballroom – Salons A & B*
- A – Catalyzing Coordinated Industry, Academia, Health Care Provider and Patient Activism Through the White House Cancer Moonshot Initiative**
  - B – Proposing a National Infrastructure for Implementing Quantitative Imaging Quality Processes**
- 12:45 – 1:00 PM Summary and Action Plans**
- 1:00 PM Conference Adjourns**