

# Quantitative Imaging Network (QIN) Annual Meeting

March 4 - 5, 2013

Monday March 4, 2013

7:30 **Gathering and loading of slides**

8:00 **Challenges for the Meeting**

Robert Nordstrom, Lead Program Director

Welcome from Paula Jacobs, Associate Director, CIP

Larry Clarke, Science Officer

**Session 1: Introduction of the new teams: (15min presentation, 5 min discussion)**

**Robert Nordstrom: Chair**

8:20 University of Michigan  
Brian Ross

8:40 Mayo Clinic  
Bradley Erickson

9:00 Mount Sinai  
Bachir Taouli

9.20 **Break**

9:30 **Session 2: Poster session**

Even numbered posters to be viewed

10:30 **Session 3: Demonstration-Challenge Projects 1: Data Analysis:**  
(20min presentations, 10 min panel discussion)

**Chair: James Mountz**

10:30 CT Volume Demonstration Project  
Dmitri Goldgof

11:00 DCE-MRI Demonstration Project  
Wei Huang

11:30 **Session 4: Demonstration-Challenge Projects 2: Data Collection Harmonization Projects**  
(20 min presentations, 10 min panel discussion)

**Chair: Tom Yankeelov**

11:30 PET CT (QIN U01-R01-NCI Contract)

12:00 DW MRI (QIN, NCI Contract)

- 12:30 **Lunch**
- 1:15 **Session 5: QIN Outreach**  
**Chairs: Larry Clarke and Lalitha Shankar (NCI)**  
 Interactions with NCI's National Clinical Trial Network (NTCN)  
 (Examples: ECOG ACRIN CALGB-ALLIANCE)
- 1:15 David Mankoff
- 1:30 Larry Schwartz
- 1:45 Frank Liebermann
- 2:00 **Panel Discussion: Potential for QIN to be a technical resource  
 for NTCN and other clinical trial networks**  
 David Mankoff (UPENN), Larry Schwartz (Columbia U), Frank Liebermann  
 (Univ. Pittsburgh), Neil Rofsky (UTSWMC), Raymond Petryshyn (NCI OD).
- 2:15 **Posters Session**  
 Odd numbered posters to be viewed
- 3:15 **Session 6: QIN Four Working Group Breakouts**  
 Separate rooms will be assigned for each working group.
- 5:00 **First day ends**

## **Tuesday 5<sup>th</sup> March**

### **Day 2**

- 8:00 **Session 7: QIN Future Research and Resource Sharing**  
**Chair: Paul Kinahan**
- 8:00 Radiomics Workshop Report and Recommendations  
 (20 min presentation, 10 min panel discussion)  
 Bob Gillies
- 8:30 RSNA-QIBA: Metrology Workshop Report and Recommendations  
 (30 min presentation)  
 Invited Speaker: Larry Kessler
- 9:00 Panel Discussion: Focus of discussion on how QIBA and QIN can explore  
 collaboration on use of common approaches for metrology  
 Larry Kessler, Jayashree Kalpathy-Cramer,  
 Dmitry Goldgof, Paul Kinahan
- 9:15 **QIN Informatics and Software Tool Sharing**  
**Chair: Yantian Zhang**

Brief presentations (NITIC, HUB ZERO, NCBC BioSiteMaps, BIRN, SLICER)

**Summary of Posters: 5 min presentations, (4 slides)**

9:15 AM. Nina Preuss: NITRIC

9:20 AM. Ishwar Chandramouliswaran (NCI CBIIT): HUBzero

9:25 AM. Daniel Rubin: NCBC BiositeMaps

9:30 AM. Bruce Rosen: BIRN

9:35 AM. Andriy Fedorov: SLICER

9:40 **Panel Session: Focus of discussion: Explore QIN Plans for Tool Sharing for Metrology,**  
Nina Preuss, Ishwar Chandramouliswaran, Daniel Rubin,  
Bruce Rosen, Andriy Fedorov and Basit Chaudhry (IBM)

10:00 **Break**

10:15 **Session 8: WG plans for 2013 and beyond**  
**Chair: Robert Nordstrom:**

10:15 Image Analysis and Performance Metrics

10:45 Clinical Trial Design and Development

11:15 Data Acquisition

11:45 Informatics/IT and Data Sharing

12:15 **Session 9: QIN Management Issues: Wrap up**  
**Robert Nordstrom: Chair**

12:30 **Lunch/Close QIN**