

RSNA/ACRIN Imaging Researchers Workshop

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(Both on Behalf of Daniel Sullivan, MD; CTSA IWG)

Financial Disclosures

Dr. Dorfman holds device patents assigned to a company of which he is the sole owner and officer.

In the opinion of the presenter, this disclosure is not relevant to the material included in this presentation.

Outline

- **Review of Agenda and Logistics**
- **Session 1 Topics**
 - Workflow for Imaging Protocol Review - Benzinger
 - Workflow for Clinical and Research Reads - Macura
 - Funds Flow for Clinical and Research Reads (Charging and Distribution) - Knopp
 - Successful Strategies and Pitfalls in Securing CTSA Funding for Translational and Clinical Imaging Research - Yapp
- **Weill Cornell Medical College Overview**
 - CBIC (Citigroup Biomedical Imaging Center)
 - Expanded Imaging Core
 - OIPDR (Office of Imaging Protocol Development and Review)
 - IDEAL (Image Data Evaluation and Analytics Lab)
 - CTSA Support for Imaging Research

Review of Agenda and Logistics

- **Session 1 Topics – Interactive Discussions (2 hours)**
 - Workflow for Imaging Protocol Review – Benzinger
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- **Session 2 Topics – Targeted Presentations of IT Tools (1.5 hours)**
 - Imaging Core Lab Workflow Management Tools – Knopp
 - Annotated Image Mark-Up (AIM) – Siegel
 - ABRAS – Armato
 - STARS – Juluru
 - XNAT – Marcus
 - Interoperability of 3D Enterprise Software – Pierce
- **Session 3 Panel and Table-top Demos (Diplomat Room – 2 hours)**
 - Integration of the Imaging Informatics Infrastructure within the Clinical and Translational Research Enterprise

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WCMC Overview

- **CBIC (Citigroup Biomedical Imaging Center)**
 - 19/6 MeV Cyclotron and Radiochemistry Facilities
 - mCT64 PET/CT, 2 x 3T MRI (one with MRgFUS)
 - Focus 220, Inveon Trimodality, Bruker 7T MRI
- **Expanded Imaging Core (Integrated Clinical Sites)**
 - NYPH, WCI@NYP
 - Clinical Overreads of Human Research Imaging (SOC / Sponsored)
- **OIPDR (Office of Imaging Protocol Development and Review)**
- **IDEAL (Image Data Evaluation and Analytics Lab)**
 - Clinical, Research, and Research Infrastructure Missions
 - Research includes Fundamental, Applied, and Translational
 - Infrastructure includes Research PACS and Analytics
- **Integration within the IRB / Research Billing Processes**
- **CTSA Support for Imaging Research**
 - Planning and Pilot Awards (both small for imaging research)
 - Primary Imaging, Secondary Imaging, and Imaging in Support of non-Imaging Studies; Translational and Clinical