

CTSA Imaging Working Group Bi-monthly Update WebEx
Monday, December 21, 2009
3:00 PM CDT

In attendance:

Daniel Sullivan, MD (moderator)
Orest Boyko, MD
Jeffrey Carr, MD
Paul E. Christian
Zahi Fayad, MD
Randy Gollub, MD, PhD
David Gustafson, PhD
Gordon Harris, PhD
Richard Daniel Hichwa, PhD
John Hoffman, MD
Bonnie Joe, MD, PhD
Jayashree Kalpathy-Cramer, PhD
John Kotyk, PhD

John Lu, PhD
Kataryzna Macura, MD, PhD
Daniel Marcus, PhD
Tony Pan, MS
Andrea Perrone
Anthony Reeves, PhD
Ann Scherzinger, PhD
Douglas Sheeley, ScD
Walter Wolf, PhD
RSNA
Linda Bresolin
Fiona Miller
Susan Anderson
Mary Cerceo

Update from CTSA IWG Steering Committee (Dr Sullivan)

- Steering Committee and IWG call summaries are posted on the CTSA IWG website (<http://www.ctsa-imaging.org>).
- Recent Steering Committee discussion included the charge survey (available on website), group discussion topics for the CTSA IWG calls such as award re-applications, future meetings, and collaborative projects.
- The April ACRT/SCTS meeting in Washington, DC is good venue to raise the visibility of IWG with PIs and CTSA's
 - Exploring CTSA IWG informational session on Tuesday, April 6
 - Program and registration information is available at: <http://acrtraining.org/2010-annual-meeting/register-now-0>
- An educational session at the fall 2010 meeting of ACRIN is planned. The 2010 ACRIN Annual Meeting is September 28th - October 2nd at the Ritz-Carlton Pentagon City in Arlington, VA.

Update on RSNA 2009 Activities (Dr Sullivan)

- The CTSA IWG session at RSNA 2009, which included update and subgroup breakouts, was attended by 30 to 50 people.
- Suggestions to Dr Sullivan for format and timing of the meeting in 2010 and beyond are welcome
- Will consider alternate time or scheduling before Wednesday of the meeting week

Focused discussion on CTSA reporting requirements

- Duke reports monthly on accomplishments and progress; reports are not detailed (paragraph-length) and are handled by the project manager.
- Colorado has limited funding and therefore little reporting required

- Washington University provides detailed quarterly reports by grant, PI and modality. CTSA financial support for facility is subsumed by administrative costs.
- Partners (Boston) is required to do substantial reporting which requires time of project coordinator and imaging liaison to produce detailed matrix and report (approx. 7- pages).
 - Catalyst provides an imaging software tool which tracks work for reporting.
 - JIRA open-source software used for tracking. May be possible to share customization.
- Dr Joe from UCSF will report back
- Johns Hopkins produces several reports including ad hoc PI/institution reports. PI arranges monthly conferences with CTSA management team to collect feedback and report issues.
- Mt. Sinai has extensive reporting requirements; submitting 2009 progress report and specific metrics. Institution receives up-front funding for consultation and to support imaging studies. Funds are allocated for the comprehensive service from data acquisition to analysis.

Charge Survey --Cores/Education subgroup

- Two summary spreadsheets have been completed from submitted data, one for clinical and one for pre-clinical charges; the 'n' column on spreadsheets represents number of responding institutions (10).
- Findings:
 - For clinical research scan charges, human MR was most common; many sites have dedicated research MR scanner
 - Many don't have dedicated research CT or CT/PET scanners
 - Not many institutions submitted on pre-clinical data
- Institutions may submit charges to RSNA staff who will anonymize data and pass to subgroup
- RSNA staff to post November draft charge summary on the CTSA IWG website

NCRR report (Douglas Sheeley, DsC)

- Suggested there should be a representative from CTSA IWG on strategic goals committees.
- Dr Sheeley will send information on a February 2010 meeting on priorities; suggests that CTSA IWG send one or two representatives to February meeting.
- Work should be done to publicize committees to PIs, e.g. publish CTSA newsletter story
- Suggested topics: story on UPICT standardized protocols being used in clinical trials by Drs Mozley and Dorfman; case/vignettes of clinical applications; continuum from research to clinical practice
- In communication with PIs, be specific about benefits of imaging to CTSA projects and goals; communicate that imaging can advance the larger mission of clinical and translational research.
 - This would also be useful for congressional review of CTSA funding justification season at the NIH.
- RSNA staff to email CTSA sites to gather information about accomplishments in the past year that demonstrate specific benefits of imaging to CTSA's such as better research, faster clinical trials, etc.

Sub-group updates

- **Cores/Education**
 - Site update information matrix has been expanded to include additional site data; will be posted on website and distributed when edited.

- **Imaging Informatics (Dr Pan)**
 - Subgroup continuing work on outline and writing of three white papers; goal is completed drafts by March.
 - Papers address: sharing workflow, analysis and requirements, and security, privacy and authorization issues.
 - Dr. Carr has been working on tables that summarize studies/data types
 - Subgroup is identifying scenarios that will be woven through each of the white papers.

Next Steps:

- RSNA staff to poll CTSA sites on accomplishments/contributions in CTSA imaging which can be relayed to NCRR
- Dr Sheeley to provide information on February 2010 meeting
- Dr Sullivan to contact Drs Mozley and Dorfman re: CTSA newsletter story
- Dr Sullivan to address Dr Sheeley's suggestion re: representation on strategic goals committee and at February meeting
- RSNA staff to post Steering Committee and IWG call summaries and charge survey to website
- Sites requested to provide charge data to RSNA staff for anonymization and inclusion in compilation
- Dr Reynolds to provide update on site update matrix
- Dr Dorfman to provide UPICT update