

CTSA Imaging Working Group Bi-monthly Update WebEx

Friday, February 19, 2010
10:00am-11:00am CDT

Call Summary

In attendance:

Daniel Sullivan, MD (moderator)
Andrew Buckler, MS
Laurie Cenna
Patricia Cole, MD, PhD
Gary Dorfman, MD
James Frost, MD, PhD, MBA
Gary Fullerton, PhD
Yaorong Ge, PhD
Frezgh Habte, PhD
Richard Hichwa, PhD
Valerie Humblet, PhD
Yuying C, Hwang, PhD
Michael Knopp, MD, PhD
Daniel Marcus, PhD
Carolyn Meltzer, MD

Robert A. Phillips
Brian Reynolds, PhD
Haren Rupani, MD, FACR, FACNP
Dan Russler, MD
Ann Scherzinger, PhD
Douglas Sheeley, ScD
Sandra Spiewak, MS
Saara Totterman, MD, PhD
Walter Wolf, PhD
Jeffrey T. Yap, PhD

RSNA

Linda Bresolin, PhD, MBA, CAE
Fiona Miller
Susan Anderson
Madeleine McCoy

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>).
- April 2010 ACRT/SCTS meeting in Washington, DC
 - CTSA IWG informational session on Tuesday, April 6, 8:30-9:30am to include overview of IWG, presentations on imaging cores and their value and time for questions
 - Program and registration information is available at: <http://acrtraining.org/2010-annual-meeting/register-now-0>
 - Will continue to work with ACRT/SCTS for space on formal agenda in future years
 - IWG could begin steps to:
 - Define statement of value
 - Describe how core is constructed
 - Attributes of imaging core:
 - Informatics
 - Infrastructure
 - Resources/people
- An educational session at the fall 2010 meeting of ACRIN is tentatively scheduled for Wednesday, Sept. 29 to include discussion on value provided by imaging cores. The 2010 ACRIN Annual Meeting is September 28th - October 2nd at the Ritz-Carlton Pentagon City in Arlington, VA; see

<http://www.acrin.org/RESEARCHERS/MEETINGSANDAWARDS/ANNUALCONFERENCE/tabid/233/Default.aspx> for more information.

- Focused discussion topic for April IWG bimonthly call: core costs, actual and budgeted
- Consider inviting presentations from Drs Kotyk, Meltzer, Gollub and representatives from Johns Hopkins and Ohio State; volunteers also welcome.
- Matrix to be posted to Website as “work In Progress, to be reviewed by CTSA site contacts for accuracy”
 - Additional column needed for imaging projects funded from pilots
 - Suggestions welcome

Update from NCRP (Dr Sheeley)

February meeting in San Diego with several key function committees was held to plan a f2f meeting in June 2010

- The focus of the June 2010 meeting will be training people for T1 and discussion of consortium demo projects among sites
 - RSNA staff to disseminate meeting information when available
- Invitation to Dr Sullivan to address Strategic Goals Committee with information on IWG on next committee call
- A story on UPICT standardized protocols being used in clinical trials will be submitted to the NCRP newsletter; draft to be reviewed by Drs Sullivan, Dorfman and Mozley
- Dr Reynolds to supply Mr Mehrnama with IWG meeting dates and information for publication on CTSA calendar and newsletter
- Case stories/vignettes from sites demonstrating imaging core value and clinical applications and demonstrate specific benefits of imaging to CTSA's such as better research, faster clinical trials, etc. requested for use in NCRP publications and testimony
 - Examples from single institutions also useful
 - Include name of primary contact and submit vignettes to Susan Anderson, sanderson@rsna.org

Site Update, Stanford University (Dr Habte for Dr Doyle)

- Web site: <http://mips.stanford.edu/public/sci3.adp>
- There are a number of cores including Bioinformatics, Cognitive Neuroscience, Electron Microscopy, Fluorescence Activated Cell Sorting –FACS, a Microarray Facility, Stanford Center For Innovation In In-Vivo Imaging, 3D imaging Lab, Supercomputer – Biocomputation Core and a Transgenic Animal Facility which provide services to all Stanford community; none are directly affiliated or associated with CTSA
- Services include Instrument training and support for all modalities, Data analysis training and software support, Imaging agent production, Fluorescent and electron microscope, Brain imaging – Magnetic Resonance, Animal training, Protocol development, Imaging agent development and others
- Molecular Imaging Program at Stanford (MIPS) administers the small animal imaging facility, radio-chemistry and Image Quantitation and Visualization Cores; Support for Small Animal Imaging Core also provided by Stanford Cancer Center and Digestive Disease cores
- Most services are fee-based

American Society of Echocardiography (ASE) Standards

<http://www.ncbi.nlm.nih.gov/pubmed?term=19560654%5Buid%5D&cmd=DetailsSearch>

- May serve as model document/approach, not to create standards, but to talk about academic core labs
- Can use to 'create' need as well as educate on what is available

Sub-group updates

- **Clinical Trials/UPICT**
 - PET working group meeting weekly to complete extractions of several PET protocols into UPICT template in advance of April FDA/SNM/RSNA joint workshop
- **Cores/Education**
 - Site update information matrix has been posted on website.
- **Imaging Informatics (Dr Pan)**
 - Subgroup continuing work on three white papers which address sharing workflow, analysis and requirements, and security, privacy and authorization issues.

Next Steps:

- CTSA sites requested to submit vignettes on accomplishments/contributions in CTSA imaging which can be relayed to NCRR
- Sites requested to provide charge data to RSNA staff for anonymization and inclusion in compilation which is available on the CTSA IWG website