

QIBA fMRI Technical Committee Update

Wednesday, August 14, 2013 at 11 AM CT
Draft Call Summary

In attendance

Cathy Elsinger, PhD (Co-Chair)
Barbara Croft, PhD
Jay J. Pillai, MD

Laura Rigolo, MS
David Soltysik, PhD
Daniel Sullivan, MD

James T. Voyvodic, PhD
Zhiyue Jerry Wang, PhD
Yuxiang Zhou, PhD

RSNA

Joe Koudelik
Julie Lisiecki

2013 QIBA Kiosk Poster Planning

- Poster focus Ongoing projects
- Analysis
- Upcoming projects for 2014

The deadline for a– print-ready poster- is November 1st.

Projects for QIBA Funding Consideration

Deadline for updating Round-3 QIBA project proposals is **Friday, August 23, 2013 at noon CT.**

Updates should be sent to Fiona Miller: fmiller@rsna.org.

Proposals must identify PIs, and outline budgets

- The QIBA Steering Committee will meet again on August 29, 2013 to score proposals and rate them for funding recommendations.

Dr. Elsinger to circulate most updated version of the group's project proposal (provided by Dr. DeYoe) for review and comment prior to the fMRI Bias Working Group call on Tuesday, August 20th.

- Any additional suggestions may be sent to Dr. DeYoe: (deyoe@mcw.edu).

Plans for project performance targets

Goal to utilize phantoms for quality control on scanners collecting quantitative measurements for fMRI

- Signal : noise should be divided into spatial and temporal measurements
- Dr. Mohamed sent article references to the group regarding how these types of measurements are used:
 1. phantom test guidance
 2. acceptance testing for ACR/MRI accreditation

Dr. Wang to circulate an updated 2010 AAPM version of the phantom test guidance document which may be useful for fMRI protocol development

No protocol exists for motion correction for fMRI

Suggested was a comparison of different methods for extracting data to determine which of the best methods would allow for optimal algorithm performance

Action items:

Dr. Elsinger to send latest copies of documents to RSNA staff for distribution with QIBA fMRI Bias WG call details.

Next calls:

QIBA fMRI Bias WG call - **Tuesday, August 20th**, at **10am CT**

QIBA fMRI tech committee call - **Wednesday, August 28th**, at **11am CT**

RSNA 2013 Annual Meeting - QIBA Technical Committees Working Meeting:

Wednesday, December 4th | 2:30pm – 5:00pm | Chicago, McCormick Place | Room: TBD

Please let us know whether you plan to attend by responding to the following

poll: <http://www.doodle.com/fwf76cegg78r75b>.

We appreciate your continued support and look forward to your participation - Thank You!