

## QIBA fMRI Technical Committee Update

Wednesday, August 28, 2013 at 11 AM CT  
Call Summary

### In attendance

Ted DeYoe, PhD (Co-Chair)

Barbara Croft, PhD

Feroze Mohamed, PhD

James Reuss, PhD

Daniel Sullivan, MD

Zhiyue Jerry Wang, PhD

Kirk Welker, MD

Yuxiang Zhou, PhD

### RSNA

Joe Koudelik

Julie Lisiecki

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### 2013 QIBA Kiosk Poster Planning

Suggestions for content:

- fMRI DRO including data acquisition, post-processing and potential sources of variance
- An educational poster explaining the sources of variance (SOVs) and how they affect fMRI
- Suggested title: “fMRI Data Processing Pipeline and Sources of Variance”
- Poster focus on ongoing projects
- Analysis
- Upcoming projects for 2014

The deadline for a print-ready-poster is November 1<sup>st</sup>.

Interested volunteers may contact Dr. DeYoe: [deyoe@mcw.edu](mailto:deyoe@mcw.edu).

### Volunteer sites to work with synthetic DRO

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

Details re: possible IRB approval for DRO post-processing requires further discussion; might prove to be site-specific

Interested volunteers may email Dr. Voyvodic: [jim.voyvodic@duke.edu](mailto:jim.voyvodic@duke.edu).

- Planned multi-site comparison of methods for extracting data to determine the best methods for optimal algorithm performance
- Current volunteer sites include:
  1. Duke University (Dr. Voyvodic)
  2. Mayo Clinic (Dr. Welker)
  3. Medical College of Wisconsin (Dr. DeYoe)
  4. University of Texas Southwestern Medical Center Dallas/Children’s Medical Center Dallas (Dr. Jerry Wang)
  5. *Tentative*: – Beaumont Health System, Royal Oak, MI (Dr. Yuxiang Zhou) willing but needs to get departmental approval

### Next calls:

QIBA fMRI Bias WG call - **Tuesday, September 3<sup>rd</sup>**, at **10am CT**

QIBA fMRI tech committee call - **Wednesday, September 11<sup>th</sup>**, at **11am CT**

### RSNA 2013 Annual Meeting - QIBA Technical Committees Working Meeting:

Wednesday, December 4<sup>th</sup> | 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/fwf76ceggb78r75b>.

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