

## QIBA fMRI Reproducibility Work Group Update

March 1, 2011

11 am CST

### Call Summary

**In attendance:**

*James T. Voyvodic, PhD (Chair)*

Edgar DeYoe, PhD

Daniel Sullivan, MD

**RSNA:**

Joe Koudelik

### General Discussion Topics:

- In-person QIBA-related meetings discussed
  - QIBA Annual Meeting, May 24-25, 2011 in Washington DC area
    - Plenary session on morning of first day; Tech Ctte breakout sessions for the remaining time
  - Possibility of an in-person meeting of Tech Ctte members mid-April in Chicago to discuss Round 2 funding proposals (pre-QIBA Annual Meeting), or
  - In-person meeting suggested preceding/following the QIBA Annual Meeting as alternative
  - 6-8 people needed for focused f2f pre/post QIBA Annual Meeting to discuss Round 2 proposals
- More guidance concerning the fMRI Strategic Plan needed to identify perceived knowledge gaps
- QIBA funding to act as “pilot projects” for groups to eventually submit grant proposals for continued funding; grant proposal spin-offs needed
- Dr Voyvodic’s Language Task reproducibility manuscript
- Alignment of datasets needed to standardized anatomy atlas
- Methods to measure reproducibility
- Responsiveness and sensitivity of BOLD; relation between signal, sensitivity and reproducibility
- How the BOLD signal can be quantitatively calibrated

### Next steps:

- Possible f2f meeting agenda item: Pursuit of funding beyond QIBA; grant submission process
- RSNA staff to look into possible pre/post QIBA f2f meeting on May 23<sup>rd</sup> or 25<sup>th</sup>
- Dr Voyvodic to forward Dr DeYoe his “Language Task reproducibility” manuscript for comment
- Dr DeYoe to forward his standard scripts and flowchart to Dr Voyvodic to identify any standardization processing used for vision maps
- Next call is scheduled for **Tuesday, March 15<sup>th</sup> at 11 am CDT**