

QIBA fMRI Biomarker Committee (BC) Call

Wednesday, July 12, 2017 at 11 AM CT

Call Summary

In attendance

James Reuss, PhD (Co-Chair)

Christopher Conklin, PhD

Cathy Elsinger, PhD

Feroze Mohamed, PhD

Nancy Obuchowski, PhD

David Soltysik, PhD

James Voyvodic, PhD

RSNA

Joe Koudelik

Susan Weinmann

Review of Previous Call Summary

- The 6.28.2017 call summary was approved as presented

fMRI Profile v1.0 draft (All)

- On June 19, the fMRI Profile v1.0 draft moved to the Public Comment Stage as described on the QIBA Wiki at: http://qibawiki.rsna.org/index.php/Public_Comment_Process for a period of 90 days
 - The fMRI Profile v1.0 for public comment can be found on QIBA Wiki at: <http://qibawiki.rsna.org/index.php/Profiles>
 - An announcement including a link to the Public Comment form (<http://tinyurl.com/QIBA-Public-Comment-Form>) was sent to the 1,000+ QIBA members and approximately 100 sister association contacts
 - In efforts to broaden circulation, the announcement noted that recipients may forward the request-to-review to additional colleagues who may be interested
 - Due to the fact that Profiles are lengthy documents, the number and timing of comments may vary widely
 - Ways to encourage comments, and better publicize and raise awareness of QIBA Profiles deemed critical
 - A separate announcement with specialized language was sent to subject matter experts, e.g., ASFNR contacts submitted to RSNA staff & ISMRM Brain Function Study Group members
 - Dr. Reuss followed up with ASFNR leadership and will report back with any responses
 - fMRI BC members are encouraged to follow up with ISMRM Brain Function Study Group members
 - Suggestion to forward announcement to ATM and consider other SMEs

fMRI Bias TF Update (Dr. Voyvodic)

- Round 1 DRO project update: much variability was observed across sites assessing these early DROs, even for simple motor tasks; Dr Voyvodic and his student are analyzing the ten motion DROs
- Dr. Voyvodic unavailable to moderate fMRI Bias TF call scheduled for July 18 at 1 PM CT - RSNA staff to send out cancellation and schedule the next call for August 1, 2017 at 1 PM CT

Profile 2.0 Language Mapping (Dr. Reuss)

- Literature search is underway; searches can be annotated and articles posted at:
<https://drive.google.com/drive/folders/OB6So9x1DSqdaZG1NbG5IbHNCU3c?usp=sharing>
 - An email may be sent to: giba.fmri@gmail.com to request editing privileges
- White paper on language-mapping paradigms (for which Drs. Pillai and Welker are senior authors) was accepted by ASFNR for publication in late August/early September
- There was a discussion on Claim development
 - Claims to be built around center-of mass in language areas, laterality measure and spatial extent of activation
 - The degree of measurement reproducibility will be the focus
 - Dr. Obuchowski to assist with Claims development
 - Dr. Elsinger to circulate the original language-based Profile draft; this will need to be reformatted based on the current template

Next calls:

- QIBA fMRI Bias TF call – ~~Tuesday, July 18 at 1pm CT~~ *New Time!* <cancelled> | Tuesday, August 1 at 1 PM CT
- QIBA fMRI Biomarker Committee call – Wednesday, July 26 at 11am CT

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