

# QIBA fMRI Biomarker Committee (BC) Call

Wednesday, July 26, 2017 at 11 AM CT

Call Summary

## In attendance

*Jay Pillai, MD (Co-Chair)*

*James Reuss, PhD (Co-Chair)*

Edward Jackson, PhD

Nancy Obuchowski, PhD

David Soltysik, PhD

James Voyvodic, PhD

## RSNA

Julie Lisiecki

Susan Weinmann

## Review of Previous Call Summary

- The 7.12.2017 call summary was approved as presented

## fMRI Bias TF Update

- Dr. Voyvodic and his student are re-evaluating Round-1 Project data

## 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/OB6So9x1DSqdaZG1NbG51bHNcU3c?usp=sharing>
  - To request editing privileges, contact: [qiba.fmri@gmail.com](mailto:qiba.fmri@gmail.com)
- White paper on language-mapping paradigms (for which Drs. Pillai and Welker are senior authors) was accepted by ASFNR [publication date unknown at this time]
- Claim development discussion
  - Claims to be built around center-of mass in language areas, laterality measures and spatial extent of activation
  - The degree of measurement reproducibility will be the focus
  - Dr. Obuchowski to assist with Claims development
  - Dr. Reuss has made minor edits, inserting boilerplate language
  - Discussion on title of this Profile: v2.0 of fMRI Profile vs. v1.0 Language-Mapping Profile
  - Dr. Pillai encouraged to add information to “Open Issues” section
- Discussion on addressing thresholding issue
- Biomarker needs to be defined with the Claims
- Decision to be made on what to measure, verify whether it is measurable and determine how to measure it
- Laterality is a continuous variable; true laterality index to be measured with digital phantoms

## Next calls:

- QIBA fMRI Bias TF call – Tuesday, August 1 at 1 PM CT
- QIBA fMRI Biomarker Committee call – Wednesday, August 9 at 11am CT

---

RSNA Staff attempt to identify and capture all committee members participating on WebEx calls. However, **if multiple callers join simultaneously or call in without logging on to the WebEx, identification is not possible**. Call participants are welcome to contact RSNA staff at [QIBA@RSNA.org](mailto:QIBA@RSNA.org) if their attendance is not reflected on the call summaries.