

QIBA Ultrasound Shear Wave Speed (SWS) Technical Committee

Friday, May 9, 2014; 11 AM CT

Draft Call Summary

In attendance

Brian Garra, MD (Co-Chair)

Tim J. Hall, PhD (Co-Chair)

Kaisar Alam, PhD

Michael Andre, PhD

Paul Carson, PhD

Shigao Chen, PhD

Manish Dhyani, MD

Steven E. Fick, PhD

Alpana Harisinghani, MD

Christopher Hazard, PhD

James Jago, PhD

Jingfeng Jiang, PhD

Mike MacDonald, PhD

Stephen McAleavey, PhD

Mark Palmeri, MD, PhD

Nicolas Rognin, MSc, PhD

Matthew Urban, PhD

Keith Wear, PhD

Hua Xie, PhD

RSNA

Joe Koudelik

Julie Lisiecki

Moderators: Dr. Hall

Discussion

- The call summary from the last meeting was approved
- The process and timeline for QIBA Round-4 funding proposal approval was reviewed
- Dr. Hall reviewed proposals for QIBA funding consideration
- PIs of Round-4 projects agreed to combine phantom/ simulation studies to maximize team efforts
- A status report is needed for the current year project (2013) for the University of Wisconsin
 - Project PIs were reminded that **all current funded projects must be completed by the September 29, 2014**; regular progress reports will be important to aid in the accomplishment of this goal.
- Revised project concepts for Round-4 are due to RSNA staff (jkoudelik@rsna.org) by close of business on Monday, May 12th.
- Dr. Hall would like hold a follow-up discussion of the phantom study design parameters on the June 6th System Dependencies/ Phantom call.
 - A [recent call summary of these parameters](#) will be the starting point for this discussion.
 - Items to be considered for the experiment design include:
 - Protocol
 - Bias
 - Sequence of timing
 - Participants
 - Phantom Study, Phase I may be referred to as a guide.
- **Discussion of next biomarker effort/ follow up with AIUM:**
 - Dr. Carson has prepared a survey, entitled, "QIBA survey of quantitative imaging biomarker Profile effort."
 - A collaboration with AIUM committees is being considered with mentoring provided by QIBA.
 - AIUM members will be able to rank their top choices for next biomarker consideration
 - Dr. Garra suggested that a summary be added for each biomarker under consideration to aid in the decision-making process.
 - Dr. Garra to review final version of survey prior to distribution.
 - Additional considerations for a biomarker discussion may include the following:
 - Lack of 2-D imaging reproducibility
 - 3D imaging is key
 - Standardization of contrast imaging is also very important
 - Technology and how it may be useful in a clinical environment

Action Items:

- Dr. Carson to add a brief summary paragraph for each biomarker under consideration for the AIUM/ QIBA collaboration survey.
- Dr. Carson to send latest version of the AIUM survey to Dr. Garra for a final review prior to distribution.

Subcommittee Updates: Detailed project updates may be found on each subcommittee's page: [QIBA wiki](#)

Remaining call for May:

<i>Date</i>	<i>Time (CT)</i>	<i>Day</i>	<i>Committee/ Subcommittee</i>	<i>Moderator</i>
05/30/2014	11:00 am CT	Friday	US SWS Clinical Applications Subcommittee	Dr. Samir

Proposed Schedule for June:

<i>Date</i>	<i>Time (CT)</i>	<i>Day</i>	<i>Committee/ Subcommittee</i>	<i>Moderator</i>
06/06/2014	11:00 am CT	Friday	COMBINED: System Dependencies / Phantom Subcommittees Call	Dr. Wear
06/13/2014	11:00 am CT	Friday	US SWS Technical Committee	Mr. Milkowski
06/20/2014	11:00 am CT	Friday	COMBINED: System Dependencies / Phantom Subcommittees Call	Dr. Palmeri
06/27/2014	11:00 am CT	Friday	US SWS Clinical Applications Subcommittee	Dr. Samir

[Conferences for Ultrasound](#) on QIBA Wiki