

Crystal Breath

February 28, 2013: Re-evaluating Microphone Circuit

2/28/2013

12:30 PM – 1:30 PM

Meeting called by: Crystal Breath

Attendees: Nicholas Castro, Suong Do, Joe Duffy, Joe Levri, John Mullaney

Agenda/Meeting Leader: Nicholas Castro

Minutes: Suong Do

<u>Time:</u>	<u>Question/Task:</u> What is causing the microphones to malfunction?	<u>Location:</u>
12:30	<ul style="list-style-type: none">- Soldering?- Placement of circuit elements? (capacitors)- I/O Ports? <p>*What other possible MEMS options are there?</p> <p>Status: We are currently constructing the attachment apparatus.</p> <ul style="list-style-type: none">- Placement of microphone/sound capturing device in “drum” of stethoscope.- Attachment to neck using band or tape. <p>Action Item(s):</p> <ul style="list-style-type: none">- Solve problems with microphone circuit or neglect current MEMS microphones and obtain a different kind of microphone i.e. find a new means of capturing the sound.- We were referred by IUSM to the local hospital. Joe and I can meet with the anesthesiologist in South Bend over spring break.- Re-evaluate the sound capture technique.- Begin signal processing subsystem.- Website in progress.	Stinson Remick

Additional Information: