The Listening Project is a group of faculty and graduate students collaborating to work on listening to and engaging with students' thinking, within our respective disciplines, as a substantive part of our teaching. It is funded by the Inclusive Excellence Initiative of the Howard Hughes Medical Institute, on the idea that we can improve the experience and persistence of underrepresented minorities and first-generation students in science by improving our abilities to recognize and appreciate diverse forms and expressions of productive thinking in science.

As part of the project, we may be videotaping course activities and discussions in several science courses, including this course. We may also collect some of your written work for use in our professional development project at Tufts as well as in professional development programs outside of Tufts. We may also want to use the videorecordings and written work in research about instructors' experiences in our professional development program and their perspectives on science learning and teaching.

Your participation in the research is voluntary and you are not required to consent to the use of your data for professional development outside of Tufts; if you choose not to participate your grade in this course will not be affected. As we will be videotaping the entire class, you may still inadvertently appear on video; we will blur your face if you choose not to participate in the research or if you choose not to allow your data to be used for professional development programs outside of Tufts.

A digital consent form is available <u>here</u>. If you have any questions about the research or broader professional development programs associated with this project, please contact Lara Appleby at lara.appleby@tufts.edu.

This project is conducted under the direction of Dr. Roger Tobin, Professor of Physics, 574 Boston Avenue, Suite 304, Medford, MA 02155 (617-627-5461). Other investigators include Dr. David Hammer (617-627-2396) and Dr. Donna Qualters (617-627-4002). If you have any questions regarding your rights as a research subject, any concerns regarding this project, you may report them to the Study Coordinator Dr. Lara Appleby by email: lara.appleby@tufts.edu. If you have questions regarding your rights in this study, you may contact IRB Operations Manager Dr. Lara Sloboda by phone: (617-627-3276) or by email: lara.sloboda@tufts.edu