



Design and Development of a Social Robot for Teens – Design Challenge Showcase Presentation Teen Assent/Consent Form

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RESEARCHERS' STATEMENT

We are inviting you to be part of a research project. This form gives you the information you will need to decide whether to be in the study or not. Please read the form carefully. You may ask us any question about the form or the research project. When we have answered all your questions, you can decide if you want to be in the study or not. This process is called 'informed consent.'

PURPOSE

The purpose of Project EMAR is to design a robot to help teens with stress. We are involving teens throughout the project to help design the robot and help make decisions about what it should look like, how it sounds, and what it does. In this part of the research, we are inviting schools who are participating in the design challenge to attend a showcase to share their designs. Our research question related to student robot designs is: "When students were asked to design a social robot for their school, what did students create and why?"

ACTIVITIES

Students who are participating in the Design Challenge are invited to present their designs at the Design Challenge Showcase. At this event, students will present their team's robot design to the public and share their process explaining how they came up with the design. We are asking all student presenters to allow us to video record and photograph their presentations. This includes photographing the robot designs, video recording the team presentations, and the team's responses to design-related questions. Students may be asked questions such as:

- (1) Explain who your robot is and what it does.
- (2) How did you work as a team to create the design?
- (3) What surprised you the most about participating in the Social Robot Design Challenge?

WHAT IS THE TIME COMMITMENT?

The Design Challenge Showcase will take place on March 24, 2018, at the University of Washington in Seattle from 3-5pm. Team presentations will include no more than six students and should not be more than 10 minutes long. More details about the event will be made available to the school teams participating in the Design Challenge.

BENEFITS OF THE STUDY

There is no direct benefit from participating in this project. However, we believe the Design Challenge Showcase will be a valuable learning experience that encourages your interest in STEM and engineering. We hope that taking part in the event will be educational, enjoyable, and fun.

VOLUNTEERING TO PARTICIPATE

Presenting in the Design Challenge Showcase is voluntary. You can choose to participate or not. It's up to you. You can also change your mind and decide not to participate at any time without penalty. If you do not wish to participate in the presentation, you can still be part of the Design Challenge team and attend the event as a guest to cheer your teammates and other schools.

USE OF PHOTOS & VIDEOS

The Design Challenge Showcase is a public event. We will use photographs and videos of team presentations in academic publications, presentations, and social media.

RISKS, STRESS, AND DISCOMFORT

Participating in the Design Challenge Showcase will require some of your time which may lead to missing other activities. Participating in a public presentation may be difficult if you feel shy around your peers or speaking in front of others.

FUNDING: This study is funded by a grant from the National Science Foundation.

SUBJECT'S STATEMENT

This study has been explained to me. I volunteer to take part in this research. I have had a chance to ask questions. If I have any questions or feel I have been harmed as a result of this research, I can contact the primary researcher or the supervising researcher listed on the front page of this consent form. If I have questions about my rights as a research subject, I can call the Human Subjects Division at (206) 543-0098.

High School Student Participant Name

School

High School Student Participant Signature

Date

Parental Permission

Students at Tacoma Public Schools must obtain parental permission to present in the Design Challenge Showcase.

Parents of Tacoma Public School Students:

If you grant permission for your child to participate, please read, initial, and sign the below. You may contact Elin Björling, 206.351.7559, bjorling@uw.edu at any time you have questions about the research. You may contact the UW Institutional Review Board at 206-543-0098 or by email at hsdinfo@uw.edu if you have questions about your rights as a research subject or what to do if you are harmed as a result of this study. Participation in this research is voluntary, and your child will not be penalized or lose benefits if he/she refuses to participate or decides to stop.

_____ Yes, I agree to allow my child to participate and to the disclosure the presentation data described above.
I also agree to allow my child to be photographed/video recorded at the presentation by UW researchers for the purposes of this study.

_____ No, I do not give permission for my child to participate. _____

Parent/Guardian Name Parent/Guardian Signature

Date