



**Design and Development of a Social Robot for Teens – Teen-Robot Interaction Studies
Teen Assent/Consent Form**

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RESEARCHERS' STATEMENT

We are inviting you to be part of a research project. This is an assent/consent form which 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.' You may keep this form for your records.

PURPOSE

The purpose of Project EMAR is to design a social robot for teens. We are designing the robot to help teens and their schools better understand and deal 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.

ACTIVITIES

If you agree to participate, a team of students and faculty from UW will guide you through an activity with a robot. This activity should take between 60 and 90 minutes. During this activity, we will ask you to take part in one or more of the following activities

1. **Tell us a little bit about you.** Complete a form asking your age, grade, gender and ethnicity. We may also ask you to complete a quick survey about stress. We will not collect information that identifies you, such as your name or contact information.
2. **Interact with a robot.** Meet and interact with a robot prototype. The robot may ask to have a short conversation with you or ask how you feel. You can choose to respond to the robot verbally or with a touch screen.
3. **Tell us what you think about the robot.** After interacting or observing the robot, we will ask you what do you like/dislike about the robot and how might we improve the robot. We may ask you to fill out a brief survey or join a small group discussion about your experiences with the robot.

As you interact with the robot, our team will

- Watch the activities and take notes
- Ask you questions, such as "How engaged do you feel right now?"
- Record the activities using photographs, audio and video recordings.

AUDIO/VIDEO RECORDINGS

All study data including photos, audio recordings, and videos will be kept in password protected digital files to be used by the research team. However, from time to time we may use photographs or video of research activities in academic publications, presentations, and social media. **If you do NOT wish to be included in any social media photos and**

video, please let the researchers know at the start of the activity. Being in videos or photos is not required to participate.

RISKS, STRESS, AND DISCOMFORT

Participating in this project will require some of your time which may lead to missing other activities. Since the robot asks questions about how you feel, some people might feel more stress or more emotional after interacting with the robot.

BENEFITS OF THE STUDY

You will not receive any direct benefit from participation in this study. We hope to create an engaging and fun learning experience that encourages your interest in STEM and engineering projects.

VOLUNTEERING TO PARTICIPATE

Participating in the research is voluntary. You can choose to participate or not. You can also change your mind and stop participating at any time. It's up to you. You will not lose any benefits if you decide not to participate or decide to stop participating. For instance, participation will not affect a class grade or your opportunities for other school-related activities. If we conduct the research activity during class time and you do not wish to participate, you will be invited to interact with some of our robot prototypes or talk with UW researchers about their work in robotics instead. We hope that taking part in the research will be educational, enjoyable, and fun.

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QUESTIONS?

If you have any questions, or if you feel you've been harmed as a result of this research, contact the primary researcher or the supervising researcher listed on the front page of this assent/consent form. If you have read this form and you are staying to participate in the activity, we assume you are consenting to participate in this study. If you have questions about your rights as a research subject, you can call the Human Subjects Division at (206) 543-0098.