

INDIANA UNIVERSITY INFORMED CONSENT STATEMENT FOR

First and Third Person Video Understanding Protocol #: 2009653251

You are invited to participate in a research study that involves collecting videos of human activities (interactions) from different viewpoints. You were selected as a possible subject because you fit the age requirement of being above 18 years old. Please read this form and ask any questions you may have before agreeing to be in the study.

The study is being conducted by Dr. David Crandall from Indiana University's Luddy School of Informatics, Computing, and Engineering.

STUDY PURPOSE

The purpose of this study is to collect a video dataset of everyday human actions and interactions, and to develop and test computer vision algorithms to detect objects, actions, and other properties of the collected videos.

NUMBER OF PEOPLE TAKING PART IN THE STUDY

If you agree to participate, you will be one of about 100 subjects who will be participating in this research.

PROCEDURES FOR THE STUDY

If you agree to be in the study, you will do the following:

You will meet with the researchers online to discuss the study procedure and to agree on a place to meet.

You will then meet the researchers at a mutually agreed upon location, such as outside your home, in a public place such as a park, or at a place on the campus of Indiana University. We will show you the camera devices (such as a GoPro or Pupil Labs Invisible), sanitize them using disinfectant wipes, hand them to you, and ask you to disinfect them again using disinfectant wipes we provide. To protect your health and ours, we will wear masks and gloves during this equipment hand-off process and will ask you to do the same, the researchers will not enter your home, and we will maintain social distance as much as possible.

You will be asked to wear a first-person camera. We may also ask you to set up stationary third-person cameras in the environment. You will be asked to perform everyday activities such as walking, playing a sport, playing board games, playing a musical instrument, talking with other participants, etc. Videos will be recorded from the two different types of cameras (the cameras you are wearing and stationary cameras). The cameras may also record audio and eye gaze. The duration of the recording will be about 1 hour. We will ask that you try to avoid recording people who have not agreed to participate in the study, and that you try to avoid recording privacy-sensitive content (e.g., checking text messages on your phone or wearing the camera in the bathroom). The researchers will be available via phone or online video to remotely monitor the video collection and answer your questions.

After you complete the activities, the researchers will meet you and again ask you to sanitize the devices before returning them, again while wearing masks and gloves.

Afterwards, we will share the video with you using a secure online interface. You will have the opportunity to review the video and identify any portions that you would like to remove, for example if there is a privacy

concern. We will use video processing software to remove these portions and we will destroy the original video files. We may ask you to narrate or describe activities you and others were doing in the video. We will also ask you to complete a brief demographic survey.

We may make the postprocessed videos and metadata publicly available but will do so only with your consent.

RISKS OF TAKING PART IN THE STUDY

Minimal risk is anticipated as a result of taking part in this study. You may feel uncomfortable being recorded. If you feel uncomfortable at any time, you may stop participating. There is some increased risk of contracting a disease by interacting with researchers, although we will sanitize devices and use gloves, masks, and social distancing to decrease this risk. There is also a risk of loss confidentiality.

BENEFITS OF TAKING PART IN THE STUDY

We anticipate no direct benefits to you. It is possible that you will enjoy learning about camera devices, human activity recognition and/or the other technologies and research in our lab.

CONFIDENTIALITY

We hope that the data/video footage that we collect will be useful to other researchers. As such, the video data may be made publicly available to the research community. We will not release videos to the public unless all the participants in the footage have consented to their data being shared. This data may be used by future investigators for separate research projects, and additional consent will not be sought. You will be given the opportunity to review the video and we will use video postprocessing software to remove or obscure any portions that you do not want to be released. We will also use video postprocessing software to blur faces from non-participants whose images were incidentally captured in the footage before releasing video.

Organizations that may inspect and/or copy your research records for quality assurance and data analysis include groups such as the study investigator and his/her research associates, the Indiana University Institutional Review Board or its designees and (as allowed by law) state or federal agencies, specifically the Office for Human Research Protections (OHRP) etc., who may need to access your research records.

PAYMENT

Each participant will be compensated \$15 per hour of recorded video, in the form of a gift card. We will send the gift card electronically after you have reviewed the video and completed the demographic survey.

CONTACTS FOR QUESTIONS OR PROBLEMS

For questions about the study or a research-related injury, contact the researcher, the Principal Investigator Dr. David J. Crandall at djcran@indiana.edu or 812-856-1115. If you cannot reach the researcher during regular

business hours (i.e., 8 a.m. to 5 p.m.), please call the IU Human Subjects Office at 812-856-4242 or 800-696-2949.

For questions about your rights as a research participant, to discuss problems, complaints, or concerns about a research study, or to obtain information or offer input, contact the IU Human Subjects Office at 812-856-4242 or 800-696-2949. You may also email irb@iu.edu.

VOLUNTARY NATURE OF THIS STUDY

Taking part in this study is voluntary. You may choose not to take part or may leave the study at any time. Leaving the study will not result in any penalty or loss of benefits to which you are entitled. Your decision whether or not to participate in this study will not affect your current or future relations with Indiana University.

SUBJECT'S CONSENT

(1) PARTICIPATION

In consideration of all of the above, I give my consent to participate in this research study.

Subject's Printed Name: _____

Subject's Signature: _____ **Date:** _____
(must be dated by the subject)

(2) DATA RELEASE

In consideration of all of the above, I give my consent to release the recorded videos to the public.

Subject's Printed Name: _____

Subject's Signature: _____ **Date:** _____
(must be dated by the subject)

I have explained the nature and purpose of this project to the above individual. Any questions the individual has about this project have been answered and any future questions will be answered as they arise.

Printed Name of Person Obtaining Consent: _____

Signature of Person Obtaining Consent: _____ **Date:** _____