**CONSENT FORM**

Measuring Physiological Arousal to Enhance Interviews

Date:

Dear Participant:

I am writing to ask for your consent to have you participate in a research project with the researchers at the Massachusetts Institute of Technology (MIT) Media Laboratory. You should read the information below and ask questions about anything you do not understand before deciding whether or not to participate.

**PARTICIPATION AND WITHDRAWAL**

Your participation in this study is completely voluntary, and you are free to choose whether to be in it or not. If you choose to be in this study, you may subsequently withdraw at any time without penalty or consequences of any kind. The investigator may also withdraw you from this research if circumstances arise which warrant doing so.

**PURPOSE OF THE STUDY**

This study will explore if state-of-the-art, wireless sensors that record physiological arousal can help enhance product interview methods. The physiological sensors are non-invasive and include a wristband that records temperature, movement, and sweat from the skin; and two adhesive electrodes that record heart activity from the chest. Changes in the amount of sweat that passes through skin and changes in heart activity are both commonly used measures of a person’s physiological arousal state. Gathering this information from you may help designers better understand your personal experience with the products.

**PROCEDURES**

If you volunteer to participate in this study, here is what will happen:

We will ask you to wear the wristband and heart monitor. We will then ask you to engage with a product or service. This product or service will be described to you in full detail before hand. How you use the product or participate with the service is your choice. If you do not feel comfortable in part of the process you can choose not to participate with the product or service at any point in time. If at any time you would like to stop wearing the sensors you may do so as well.

This study will take 1 hour. Products may include board games, software programs, new electronics, various webpages, greeting cards, books, etc. Services may include staying at a hotel, standing in line at an airport, going to a bank, shopping at a retail store, attending a birthday party, etc.

This study will take place at the MIT Media Lab, Outside in a park, a Best Buy Retail Location, LEGO Retail Location, or another retail locations depending on the service or product.

**POTENTIAL RISKS AND DISCOMFORTS**

It is possible that anybody who wears these sensors will experience mild skin irritation, itching, rash or other discomfort when the sensor or fabric contacts the skin. If any discomfort is reported or observed, we will ask you to remove the sensors. We want to make sure that nobody feels pressured to wear them.

It is also rare but possible to experience temporary discoloration of the skin under on or both metal electrodes. This should not be harmful and should go away within 2 to 14 days.

**POTENTIAL BENEFITS**

The information collected in this study may help designers better understand user’s experiences in future research- allowing them to make better products.

**PAYMENT FOR PARTICIPATION**

You will be given a $0 to $30 gift certificate to a retail store per an hour of study. The compensation amount, type of gift certificate, and predicted length of the study have been described to you before hand.

**CONFIDENTIALITY**

Any information that is obtained in connection with this study and that can be identified with you will remain confidential and will be disclosed only with your permission or as required by law. Videotapes and/or audiotapes of your participation may be collected. This data will be used for experimental purposes and will be archived in a password protected, secure network at the Media Lab. Portions of this record may be published and/or presented in scientific journals and/or in scientific conference proceedings. Further, no information, such as name, address, or other private information will be included in these presentations or publications apart from what is mentioned in the recorded video and interview. Apart from this possible usage, such data will only be viewed/used for research and educational purposes. At any time during or after the study you may request to review or edit your tapes and/or request that your tapes be destroyed.

It is possible that there will be other uses for the data in the future. You will be given a separate option below to allow for this possible broader sharing and usage of the data.

**FINANCIAL INTEREST DISCLOSURE**

Drs. Rosalind Picard holds equity positions in Affectiva, a company that manufactures one of the sensors that may be used in this study. There is no other company that makes these sensors. If the study demonstrates that these sensors are useful for recording autonomic data, companies producing this kind of technology, including Affectiva, may point to our results.

**IDENTIFICATION OF INVESTIGATORS**

If you have any questions or concerns about the research, please feel free to contact, Dr. Rosalind Picard, Principal Investigator (617)253-0611, or Elliott Hedman, Co-Principal Investigator (970)389-3047.

**EMERGENCY CARE AND COMPENSATION FOR INJURY**

If you feel you have suffered an injury, which may include emotional trauma, as a result of participating in this study, please contact the person in charge of the study as soon as possible. In the event you suffer such an injury, M.I.T. may provide itself, or arrange for the provision of, emergency transport or medical treatment, including emergency treatment and follow-up care, as needed, or reimbursement for such medical services. M.I.T. does not provide any other form of compensation for injury. In any case, neither the offer to provide medical assistance, nor the actual provision of medical services shall be considered an admission of fault or acceptance of liability. Questions regarding this policy may be directed to MIT’s Insurance Office, (617) 253-2823. Your insurance carrier may be billed for the cost of emergency transport or medical treatment, if such services are determined not to be directly related to your participation in this study.

**RIGHTS OF RESEARCH PARTICIPANTS**

You are not waiving any legal claims, rights or remedies because of your participation in this research study. If you feel you have been treated unfairly, or you have questions regarding your rights as a research subject, you may contact the Chairman of the Committee on the Use of Humans as Experimental Subjects, M.I.T., Room E25-143B, 77 Massachusetts Ave, Cambridge, MA 02139, phone 1-617-253 6787.

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| **SIGNATURE OF RESEARCH SUBJECT OR LEGAL REPRESENTATIVE** |

I understand the procedures described above. My questions have been answered to my satisfaction, and I agree to participate in this study. I have been given a copy of this form.

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Name

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Signature of Subject Date

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| **OPTIONAL ADDITIONAL SIGNATURE OF RESEARCH SUBJECT OR LEGAL REPRESENTATIVE** |

I agree to have my video, skin conductance, heart rate and interviews used not only for the scientific research described above, but also for my data to be shared with other scientific researchers outside of MIT. I also give permission for this data to be used for educational and media purposes. I realize if I give permission, that the skin conductance, heart rate, videos, and recorded interviews may be used on public websites and videos designed to show the usefulness of the sensors and research methodology. Identifying information (name, address, etc.) of people seen in these videos or interviews will not be disclosed.

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Name

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Signature of Subject Date

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| **SIGNATURE OF INVESTIGATOR**  |

In my judgment the subject is voluntarily and knowingly giving informed consent and possesses the legal capacity to give informed consent to participate in this research study.

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Signature of Investigator Date