**PARTICIPANT INFORMATION SHEET**

Please read this information carefully

## PROJECT TITLE

Physiology and Behaviour: An Experimental Study

**INVITATION**

You are being asked to take part in STRAND 1 of a University of Edinburgh research study of physiology and behaviour. This study is being supervised by Professor Laura Cram and has been approved by the appropriate research ethics committee (Level 2 clearance).

**WHAT WILL HAPPEN**

Today you will participate in an economic game called the ‘ultimatum game’, provide four saliva samples, and complete a short questionnaire asking some basic information about you. The first saliva sample will be collected after you have been in a quiet room (by yourself) for 20 minutes. The second saliva sample will be collected after the first part of the game. The third saliva sample will be collected after you have completed the second part of the game. The questionnaire will be provided after the third sample has been collected. The fourth saliva sample will be collected after you have completed the questionnaire. You will be offered the chance to participate in a final debriefing after you have provided the fourth (final) saliva sample.

The second portion of this experiment, STRAND 2, will analyse neural patterns using functional magnetic resonance imaging (fMRI) as participants play another economic game. Your participation in this second portion of the experiment is not mandatory but if you think that you might wish to participate in STRAND 2, we need your permission to store your data and contact you again. You may volunteer to participate in STRAND 2 by checking the appropriate box and providing a contact email in the Informed Consent Form. If selected to participate in STRAND 2, you will be provided with another Participant Information Sheet and asked to complete another Informed Consent Form.

**TIME COMMITMENT**

This study, STRAND 1, takes 90 minutes to complete including the optional final debriefing.

**PARTICIPANT RIGHTS**

You may decide to stop being a part of the research study at any time without explanation. You have the right to ask that any data you have supplied to that point be withdrawn or destroyed. You have the right to omit or refuse to answer or respond to any question that is asked of you without penalty. You have the right to have your questions about the procedures answered at any time (answers that could potentially interfere with the study’s outcome will be provided in the final debrief). If you have any questions as a result of reading this information sheet, you should ask the researcher before the study begins.

**BENEFITS AND RISKS**

There are no known benefits or risks for you in this study.

**COST, REIMBURSEMENT AND COMPENSATION**

You will receive £10 in return for your participation with the opportunity to increase this compensation with a further bonus of up to £10 depending on your performance during the ultimatum game. You will not be reimbursed for any travel expenses.

**CONFIDENTIALITY/ANONYMITY**

The data we collect does not contain any personal information about you. No one will link the data you provided to the identifying contact information you might have previously supplied (e.g. name, email, phone). Data collected will be used during conference presentations and academic publications but individual participants will not be identifiable. If you wish to be considered for participation in STRAND 2, you will be asked to provide contact details only so that we can arrange participation at a later date.

**FOR FURTHER INFORMATION**

Please contact Victor Olivieri at [Victor.Olivieri@ed.ac.uk](mailto:Victor.Olivieri@ed.ac.uk) or +44 (0)131 650 8254, or Professor Laura Cram at [Laura.Cram@ed.ac.uk](mailto:Laura.Cram@ed.ac.uk) or +44 (0)131 651 5571.

**WHO TO CONTACT ABOUT YOUR RIGHTS AS A RESEARCH PARTICIPANT IN THE STUDY:**

Please contact the School Research Director, at the School of Social and Political Science via [ssps.research@ed.ac.uk](mailto:ssps.research@ed.ac.uk)