

**Title of Research:** Individual differences in the detection of human- and AI-generated information

**Investigators:** Dr. Jason Chein, Department of Psychology, Temple University

**Protocol Number:** 32182

**Funding Source:** No external sponsor

***Why am I being invited to take part in this research?***

We invite you to take part in this research study because you are a student on SONA, a user who has completed Google or Zoom forms which we have provided for participants, or a respondent on Prolific, Amazon's Mechanical Turk (MTurk), or Qualtrics,

***What should I know about this research?***

- This research will be explained to you.
- Taking part in this research is voluntary. Whether you participate in this research is up to you.
- You can choose not to participate in this research.
- You can choose to participate now and change your mind later
- Your decision will not be held against you.
- You can ask all the questions you want before you decide.

***Who can answer my questions about this research?***

If you have questions, concerns, or complaints, or think this research has hurt you or made you sick, please talk to the research team at:

[cablab@temple.edu](mailto:cablab@temple.edu)

732-710-2147

805 Weiss Hall

1701 N. 13<sup>th</sup> Street

Philadelphia, Pennsylvania 19122

This research is being overseen by an Institutional Review Board ("IRB"). An IRB is a group of people who perform independent reviews of research studies. You may talk to them at (215) 707-3390 or [irb@temple.edu](mailto:irb@temple.edu) if:

- You have questions, concerns, or complaints that are not being answered by the research team.
- You are not getting answers from the research team.
- You cannot reach the research team.
- You want to talk to someone else about the research.
- You have questions about your rights as a research subject.

***Why is this research being done?***

The purpose of this research is to learn about how humans evaluate information that comes from humans and information that comes from artificial intelligence (AI) systems.

***How long will I be in this research?***

The duration of your participation in this research study may vary depending on which online platform you have used to access our research. The duration between each, if any, additional sessions will be no more than one month apart.

***What happens to me if I agree to be in this research?***

If you decide to partake in this research study, we will first generate a unique study ID for you. Data collected in this study will only be linked to your unique study ID and will not be linked to your personal information. During the study, you will perform tasks on a computer where you will be asked to make choices using button presses or a similar response. After any session, you may be asked to complete additional computer tasks, as well as questionnaires and/or surveys. These include, but are not limited to, assessments of health, digital media use, motivation, mood, and reward-seeking behaviors. After the data collection is complete, the research staff can answer questions you may have. You will then be compensated for your time participating in the study. Importantly, in order to compensate you for your study participation, we will need to collect your SONA/MTurk/Prolific/Qualtrics information on a receipt, which will be kept separate from any study information.

***Is there any way being in this research could be bad for me?***

The computer tasks include minimal risk. If you become upset or request to stop, the experimenter will either pause to take a break or terminate the study. Additionally, you may be uncomfortable, self-conscious, or embarrassed while answering questions on the surveys we ask you to complete. To mitigate these concerns, you are reminded that your participation is voluntary, and you can leave the study should you become too uncomfortable.

***Will being in this research benefit me?***

We cannot promise any benefits to you for taking part in this research, which is not designed to benefit you personally.

***What happens to the information collected for this research?***

All of the information collected in this study will be de-identified. All data collected during an online study session will be stored electronically in an encrypted format on secure servers at Temple University. IDs are used for compensation purposes and will not be shared with anyone. IDs will not be associated with any collected responses.

SONA provides information internally.

Amazon's Mechanical Turk: Work completed on MTurk can be associated with a user's public profile page. MTurk workers may wish to restrict what information they choose to share in their public profile. Please see Amazon.com's warning to workers:

<https://www.mturk.com/mturk/contact> "Your email address will automatically be inserted into the message so the Requester can reply to you." Similar actions are available for:

Qualtrics: <https://www.qualtrics.com/support/survey-platform/information-survey-takers/>

Prolific: <https://participant-help.prolific.com/en/article/498241>

Zoom: <https://zoom.us/security>

Google forms will be password-protected.

We will be collecting your MTurk worker ID, Qualtrics respondent ID, Zoom ID, or Prolific ID in order to provide compensation, but your personal identification will never be linked to study information. We will store your MTurk worker ID, Qualtrics respondent ID, Zoom ID, or Prolific ID, separately from any other information you provide to us.

**Confidentiality.** To minimize risks for privacy and confidentiality, all data collected will be associated with a unique study ID number such that the data cannot be used to identify a particular participant. However, a potential minor risk of breach of confidentiality is possible as some studies may collect sensitive self-reported health history that the participant may be identified by. Paper-based personal information will be kept in a locked file drawer that is accessible only by the PIs and trained study personnel. Data will be stored electronically in an encrypted format on secure servers at Temple University that is also only accessible by the PIs and trained study personnel. We will store a backup of the data on a password-protected external hard drive locked in a secure building. All information collected in this study can be reviewed by:

- The investigators and trained research personnel who are part of the study team at Temple University
- The Institutional Review Board (IRB) that reviewed this research
- Temple University
- Temple University Health System and its affiliates

**Data Sharing.** The data collected in this study may be used for other, future research studies in addition to the study you are currently partaking in. Future projects can focus on any topic that might be unrelated to the goals of the current project. Importantly, we may give access to the data collected in this study to the general public via the Internet or an open database, but none of the data will contain any information that can be used to identify you. The data will not have your name on it, but instead will have a unique code number, so that people will not know your name or which data are yours.

If you change your mind and withdraw your consent to participate in this study, you can email us at [cablab@temple.edu](mailto:cablab@temple.edu) to do this and we will not collect any additional data about you. We will delete your data if you withdraw before the data was deposited in the database.

**However, any data and research results already shared with other investigators or the general public cannot be destroyed, withdrawn or recalled.**

By agreeing to participate, you will be making a free and generous gift for research that may help others. It is possible that some of the research conducted using your information may eventually lead to the development of new methods to improve behavior, new diagnostic tests, new drugs, or other commercial products. Should this occur, there is no plan to provide you with any part of the profits generated from such products and you will not have any ownership rights to the products.

**Letting us use and share your data is voluntary. However, you must be willing to share your data in this way in order to participate in this study. If you are not willing, you cannot participate in this study.**

By signing below, you agree to provide your data for future research. You agree that this data may be shared with other investigators at other institutions from around the world. The details, results, and implications of these studies are unknown.

***What will I be paid for taking part in this research?***

If you agree to partake in this study, you will receive SONA credits (Temple University Students) or monetary compensation at a rate of \$10/hour. Compensation will be prorated to the nearest 15 minutes. Compensation amount is posted for each HIT and is provided by the Amazon MTurk system through worker ID numbers, by Qualtrics through respondent ID numbers, and by Prolific through Prolific IDs. Participants who partake in the study through Zoom and Google Forms will be compensated by Temple University. Compensation may be withheld from participants who attempt to participate in the same study multiple times. In addition to this baseline compensation, you may have an opportunity to earn bonus amounts of money (between \$0.00 and \$25.00) in gift cards based on your performance in this experiment. Federal tax law requires that you report this payment as income to the Internal Revenue Service should you make over \$600 throughout the calendar year.

Do not provide consent unless you have had a chance to ask questions and have received satisfactory answers to all your questions.

If you agree to participate in this study, you may request a copy of this consent form for your records.

**You have read the consent form. If you consent to participate, please click “CONTINUE” below.**