**Appendix T: Consent Form**

***Research Consent Summary***

I am an Associate Professor with the Department of Criminal Justice at Temple University, and I am conducting surveys for my research titled ‘SaTC: EDU: Educating STEM Students and Teachers about the Relevance of Social Engineering in Cyberattacks and Cybersecurity’. You are being asked for your consent to take part in a training and educating STEM program. This document provides a concise summary of this training. It describes the key information that we believe most people need to decide whether to take part in this training. Later sections of this document will provide all relevant details.

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

Social engineering (SE) is defined as any act that uses persuasion strategies to influence individuals to take an action that may or may not be in their best interests. Cyberadversaries are increasingly using SE in their attacks to develop trust relationships with potential targets and then deceive them into revealing sensitive information (passwords), obtain unauthorized access (to restricted areas, servers, etc.), or commit fraud (via phishing or spreading disinformation).

***Why is training being done?***

This research seeks to achieve the following research objectives:

1. To understand students’ education and relevant cybersecurity experience;
2. To understand how students prepare for cybersecurity events;
3. To understand how students work in groups to participate in cybersecurity events;
4. To understand whether these competitions and training events impact students’ knowledge and experiences about cybersecurity and the relevance of the human factor and;
5. To understand whether educator workshops are helpful in developing an understanding of SE and also in implementing SE course projects at their respective institutions.

***What is the training about and how long will I be in this training?***

The SE Training Program allows students to learn about the relevance of SE in cybersecurity over the course of 12 weeks, one day per week. The program will educate students on several SE techniques, such as OSINT (open-source intelligence), vishing, and phishing. Here is the tentative schedule of the training:

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| Topic |
| Week 1: What is social engineering? |
| Week 2: Open-Source Intelligence (OSINT) |
| Week 3: OSINT activity |
| Week 4: Pretexting |
| Week 5: Pretexting activity |
| Week 6: Phishing |
| Week 7: Phishing activity |
| Week 8: Vishing |
| Week 9: Vishing activity |
| Week 10: Putting it all together |
| Week 11: Live SE practice run! |
| Week 12: SE debriefing and reporting |

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***Your role and responsibilities:***

During this study, you will be asked to complete surveys prior to, during, and after the training. The pre-training surveys will ask you about your background, experience, and skill level as it pertains to cybersecurity and cyber hygiene (i.e., practices and precautions users take with the aim of keeping sensitive data organized, safe, and secure from theft and outside attacks). The surveys will also ask you about community resources in your neighborhood. This survey prior will take approximately 15 minutes to complete.

You will engage in the weekly virtual hour-long training sessions, which will run approximately an hour. For each session, you will be asked to complete a short 5-minute survey where you evaluate the workshop.

After the complete program, you will be asked to complete a post-training survey that asks you about your SE knowledge, satisfaction with the program, cyber hygiene practices, and community resources in your neighborhood. This survey will take approximately 15 minutes to complete. It will ask you about your satisfaction with the training program and its impact on your cyber hygiene practices.

All surveys are anonymous. Anonymous means that I will record no information about you that could identify you. This means that I will not record your name, address, phone number, date of birth, etc. There will be no way to link your responses back to you. Therefore, data collection is anonymous.

To the extent allowed by law, we limit the viewing of your personal information to the PI and her research team. We cannot promise complete secrecy. Upon completion of this project, all data will be kept for three years, after which they will be erased. If a report of this training is published, or the results are presented at a professional conference, only group results will be stated.

***Will being in this training program benefit me?***

The survey questions pertain to your perceptions and NOT actual cybercrime incidents. This research is a minimal risk study, which means there is minimal risk of harm to you for participating in the training and the related data collection (surveys). There is a risk of loss of confidentiality. You will not receive any direct benefit for participating in this research. The research will provide an understanding of cybersecurity education.

***Who can I talk to about this research?***

If you have any questions, concerns, or complaints, or think that the research has hurt you, contact the researcher at:

Dr. Aunshul Rege

(215) 204-1671 (office) / rege@temple.edu

Department of Criminal Justice,

Gladfelter Hall, 5th Floor,

Temple University, 1115 Polett Walk, Philadelphia, PA 19122

This research has been reviewed and approved by an Institutional Review Board. You may talk to them at (215) 707-3390 or e-mail them at: irb@temple.edu for any of the following:

• Your questions, concerns, or complaints are not being answered by the research team.

• You cannot reach the research team.

• You want to talk to someone besides the research team.

• You have questions about your rights as a research subject.

• You want to get information or provide input about this research.

You will be offered a copy of this information sheet that you may keep for your own reference.

Are there any questions about what I have just explained?

Are you willing to participate in this study?

Signature Block for Minor and Parent/Guardian

Your signature documents your permission to take part in this competition and research.

I agree to the named child taking part in the competition and research study, and I have been informed as to what the competition involves from its organizer. I agree to the named child’s participation in any or all of the activities arranged by the team and competition.

I understand that if my child’s behavior is unreasonable then he/she may be removed from the team.

Name of Minor

Signature of Minor Date

Name of Parent/Guardian

Signature of Parent/Guardian Date