

Compugirls Cybersecurity: A Culturally Responsive Collective Impact Model for Underanticipated Girls

**Parent Consent Form
For ASU research ONLY**

Dear Parent(s) or Guardian(s),

Hello! We are a group of professors, researchers, and staff from Arizona State University (ASU) inviting your child(ren) to take part in a research study about their thoughts and experiences with science, technology, engineering, and math (STEM) especially as it relates to Culturally Responsive Information Technology (IT), computer science, and cybersecurity. We are specifically interested in the thoughts and perspectives of Black/African American, Latina, Native Hawaiian and Indigenous girls. The goal of the study is to learn more about how culturally specific ways of thinking and learning can help girls apply computer science, IT, and cybersecurity skills to solve current social, environmental, educational, and community challenges. Your child(ren) are being invited to participate in group and individual 30-60 minute interviews about their experience(s) at the girls cybersecurity camp as well as other events related to *Compugirls Cybersecurity*. You are also being asked to fill out a brief survey at the end of this form. *Participation in this study is **voluntary**. Your student can stop participation in this study any time they want. If they choose not to participate, or to stop participation, this decision will not affect their ability to continue participating in Compugirls Cybersecurity activities and events in any way.* Findings from these interviews will help us develop teaching strategies, activities, and curriculum that better connect computer science learning for girls' of color with their cultural identities and community needs and interests.

This study, called *Compugirls Cybersecurity*, is being conducted as part of the Defense Science, Technology, Engineering, and Mathematics (STEM) Education Consortium (DSEC) cooperative agreement. The study is a partnership with ASU and the United States Department of Defense. The remainder of this letter describes the study, provides information about whom you should contact if you have questions, and describes what you should do if you give your child(ren) permission to participate.

Following are some questions you might have about the project.

- **How did my child get picked?** Either your child's school, teacher, parent (you), and/or community leader believe this project would be a good fit for your child's academic goals or your child expressed an interest in participating.
- **Who is conducting the study?** The study is being conducted by Professors at Arizona State University – Center for Gender Equity in Science & Technology. The lead people running the study are Drs. Kimberly Scott, Jessica Solyom, and Colin Ben of ASU in Tempe, Arizona.
- **What information will the study collect?** We will ask your child some questions related to the camp projects and program activities.
- **How much time will my child spend participating in the interview?** It will take approximately 30-60 minutes for your child(ren) to participate in the interview; we may

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conduct up to five focus groups (one for each day of the five-day camp) and may interview them at the start and after they participate in other non-camp program activities.

- **Are there any risks to participating in this study?** No, there are no known risks to participating in the study.
- **Are there any benefits to participating in this study?** There are no known benefits to the study. Study findings may be used to improve future computer science and cybersecurity related lessons and activities.
- **How will the project protect the information it collects about my child(ren) and me?** Your child's participation will be confidential and their name **will not** be used. We will keep their identity private, as well as any information shared with us. However, complete confidentiality cannot be guaranteed due to the group nature of the discussions. If we use the results of this study in presentations, publications, or reports, we will report only group data and therefore no one will be able to identify your child. We will not share your child's information with anyone outside the project team. The only instance when we would release information about your child to anyone outside the project—and such occasions are rare—would be if we learned someone were in danger of harm.
- **What if my child(ren) doesn't want to answer some of the questions on the surveys, or to participate in the study at all?** Participation in this research is completely voluntary. The interview may be audio recorded for note-taking purposes. While we hope your child(ren) will participate in the study, they may stop participating at any time. They can opt out of answering any question at any time. There will be no penalty if your child(ren) declines to participate or decides to stop participating in the study.

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Parents and Guardians, please review the following before you sign this form:

- This is a research project.
- Project professors and staff will collect the following information from your child: de-identified responses to focus group interviews and/or individual interviews.
- Project staff will collect demographic information about your child from you later in this packet.
- Your child is free to stop participating in the study at any time without penalty.
- Your child's information will remain private. No information about them will be shared with school administrators or with anyone outside the project, unless there is a potential danger to your child or another person.

Yes, I give permission for my child _____ (child's name) to participate in the *Compugirls Cybersecurity* research study.

If you give permission, please fill out the demographics survey on the next page.

Parent/Guardian signature

Name (Print)

Date

If you have any concerns or questions about this study, please contact Dr. Kimberly Scott, Center for Gender Equity in Science and Technology, Arizona State University (kascott3@asu.edu or (480) 965-5380. If you have concerns or questions about your child's rights as a study participant in the study, please contact the Chair of Social Behavioral IRB Review Board, Arizona State University research.integrity@asu.edu or (480) 965-6788.

Thank you!

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Demographics Survey

Note: This survey is to be completed by the parent/guardian. Please provide information about your student's age and grade demographics as well as race/ethnicity (this will help us develop culturally responsive education content that is appropriate for their age and grade level).

1. How old is the student?

_____ Years _____ Months

2. What grade is the student in?

_____ Grade

3. Is the student participant of Hispanic, Latino, or Spanish origin?

No, not of Hispanic, Latino, or Spanish Origin

Yes, Mexican, Mexican American, Chicano

Yes, Puerto Rican

Yes, Cuban

Yes, Another Hispanic, Latino, or Spanish origin – print origin below, for example, Argentinian, Colombian, Dominican, Nicaraguan, Salvadoran, Spaniard, and so on.

4. What is the student participant's race/ethnicity? *Mark one of more boxes.*

African American/Black

American Indian/Alaska Native/Native American, please specify (e.g., tribal affiliation): _____

Asian American/Asian

Pacific Islander, please specific (e.g. Native Hawaiian, Saipan, Tongan, etc.): -

Caucasian/White

Hispanic/Latino

Other, please print race/ethnicity:
