

Parent/Guardian Consent: Year 4

University of California, Los Angeles

CONSENT FOR PARENT AND PARENTAL PERMISSION FOR MINOR TO PARTICIPATE IN RESEARCH

MOBILIZE: Mobilizing for Innovative Computer Science Teaching and Learning

You are asked to allow your child to participate in a study led by Dr. Robert Gould, Ph.D. and co-PIs from Department of Statistics and the Graduate School of Education & Information Studies, respectively, at the University of California, Los Angeles. Your child was selected as a possible participant in this study because his/her teacher has been involved with our project. Your child's participation in this study is voluntary.

Why is this study being done?

This study is a part of National Science Foundation supported partnership between LAUSD, UCLA's Graduate School of Education & Information Studies, the Center for Embedded Networked Sensing (CENS), the Center for Research on Evaluation, Standards, and Student Testing (CRESST), the University of Oregon, and the Computer Science Teachers Association to improve high school math, science and computer science.

What will happen if we take part in this research study?

If you and your child volunteer to participate in this study, we will ask your child to do some or all of the following:

1. Complete one questionnaire before your child's teacher begins the Mobilize unit, and one questionnaire upon completing it. On the questionnaires, your child may be asked questions such as:
 - What did you know about computational thinking before Mobilize?
 - Do you think differently about data after taking the unit?
2. Participate in classroom observations conducted by a member of the Mobilize evaluation team. Observations will be conducted without interrupting your child's class.
3. Participate in a group focus group/debrief upon completion of the Mobilize unit. The debrief will be conducted by a member of the CRESST evaluation team and will take approximately 40 minutes to an hour. The debrief may be audiotaped or videotaped. Information disclosed will be strictly confidential. Once our team is done transcribing the interview, the recorded audio file will be destroyed. The following are sample questions that could be asked during the debrief:
 - What was unique in Mobilize that you haven't learned in other classes?
 - How do you think differently about data after this unit?
 - What does computational thinking mean to you?

As part of the Mobilize unit, your child may also participate in data collection activities using smart phone applications focused on themes of snacking and nutrition, media and advertising, and/or any topics that you and your teacher may develop during the course of the unit.

Sh/e may also use an online analysis tool provided by the project to data analysis. For the Snack app, students will take pictures of snacks eaten throughout the day, then answer questions on the phone about when they ate, how healthy the snack was, etc. For the Advertisement app, students

will use the phone to take photos of advertisements (e.g., billboards, bus ads, etc.) and answer a series of phone-based survey questions about the products you saw and how the ads made them feel.

How long will we be in the research study?

Participation in the study will take place during implementation of the Mobilize curricular unit in your child's computer science, mathematics, or science class in 2013-14. We are requesting that students use smart phones to collect data for two to four weeks, using phone-based surveys to capture information about their snacking habits and or media advertisements. This time frame and choice of app (Snack or Advertisement) may vary according to instructions provided by your child's teacher.

Are there any potential risks or discomforts that we can expect from this study?

There are no anticipated risks or discomforts to your child as a consequence of participating in this study. You may withdraw your permission at any time and discontinue your child's participation without penalty or loss of benefits to which you or your child were otherwise entitled. You can choose whether or not to allow your child to be in this study. If you agree to allow your child to participate, you may withdraw your permission at any time without consequences of any kind. You are not waiving any of your or your child's legal rights if you choose to allow your child to participate in this research study.

The potential risk and discomforts to your child in collecting data for the unit using smart phones provided by the Mobilize technology team – or their own smart phone - are minimal. Your child's participation in this study is voluntary. S/he may refuse to answer any cell phone survey questions that s/he does not want to answer and still remain in the study. S/he will also have the option to review and change any of his/her cell phone responses before saving this information. At any time, s/he can turn off the phone to stop data collection, uninstall Mobilize-related applications, or request that all or some of his/her data be deleted.

To reduce the risk of someone else seeing your child's study data, we will take measures to ensure the security of that data (e.g., cell phone data) as well as your child's separately stored contact information. Only your child's assigned study identifier will be associated to his/her study data. If your child's study-assigned cell phone is lost or stolen, we may not be able to replace the cell phone so that s/he can continue participation in the study. Neither you nor your child will be held financially liable for a damaged, lost, or stolen phone.

Are there any potential benefits if we participate?

Your child's participation in this study may allow us to help improve math, science, and computer science education in LAUSD. Additionally, your child's participation in collecting data using smart phone technology may help to improve the effectiveness of our applications and to gain critical information regarding system and phone resource needs, availability, performance, and ease of use for future years of the project.

Will information about our participation be kept confidential?

Any information that is obtained in connection with this study and that can identify your child will remain confidential. It will be disclosed only with your permission or as required by law. All survey, and observation, and focus group data will be labeled with a unique ID number and

your child's name will not be recorded on any observation or interview forms. Only authorized, key personnel will have access to the data and the codes. After this study is completed, the data might be saved for future research by the investigators. However, the same confidentiality guarantees given here will apply to future storage and use of the materials. In addition, confidentiality will be maintained by reporting only aggregate results (i.e., neither your child nor any other individuals will be mentioned in any project reports).

With regard to confidentiality of your child's information as it relates to smart phone usage, only your child's assigned random identifier used to log-in to the Mobilize mobile phone application and website will link his/her study data. A link between your child's assigned study identifier and his/her name will be maintained for the duration of the study and then deleted at the end of the study, so his/her personal information can no longer be associated to the data.

Your child's personal information will be stored separately from his/her data in a password-protected computer that is only accessible by the study researchers at CENS. The equipment checkout form that your child will be asked to sign to receive assigned study equipment (cell phone and chargers) will remain stored in locked cabinet with the other written study materials. The equipment checkout form will be shredded when the assigned equipment is returned or if the phone is lost or stolen.

Your child's cell phone data will be saved only temporarily on the phone and automatically uploaded at regular intervals using a secure and encrypted data channel to a secure server at CENS that only the study researchers can access.

At anytime you can request to have all or some of your child's study data deleted.

What are my rights if I take part in this study?

You can choose whether or not you want your child to be in this study, and you may withdraw your consent and discontinue participation at any time. Whatever decision you make, there will be no penalty to you or your child, and no loss of benefits to which you or your child were otherwise entitled. You and your child may refuse to answer any questions that you do not want to answer and still remain in the study.

Who can I contact if I have questions about this study?

If you have any questions, comments or concerns about this study, please contact Noelle Griffin, Assistant Director of CRESST at 310-825-8605 or griffin@gseis.ucla.edu

If you have questions about your rights while taking part in this study, or you have concerns or suggestions and you want to talk to someone other than the researchers about the study, please call the UCLA Office of the Human Research Protection Program (OHRPP) at (310) 825-7122 or write to:

UCLA Office of the Human Research Protection Program
11000 Kinross Avenue, Suite 211, Box 951694
Los Angeles, CA 90095-1694

You will be given a copy of this information to keep for your records.

SIGNATURE OF PARENT OR LEGAL GUARDIAN

Name of Child

Name of Parent or Legal Guardian

Signature of Parent or Legal Guardian

Date

SIGNATURE OF PERSON OBTAINING CONSENT AND PARENTAL PERMISSION

Name of Person Obtaining Consent and
Parental Permission

Contact Number

Signature of Person Obtaining Consent and
Parental Permission

Date