TEACHER Consent: Year 5 (2014-15)

University of California, Los Angeles

CONSENT TO PARTICIPATE IN RESEARCH

MOBILIZE: Mobilizing for Innovative Computer Science Teaching and Learning

You are asked 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. You were selected as a possible participant in this study because you are a math, science, or computer science teacher in Los Angeles Unified School District (LAUSD). Your participation in this research 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, Department of Statistics, the Computer Science Teachers Association, and the Center for Research on Evaluation, Standards, and Student Testing (CRESST). The partnership is working with teachers to incorporate inquiry-based, multi-disciplinary, tools and curricular material that employ mobile technology in high school math, science and computer science classes. Such tools and material will emphasize the increasingly important skill of computational thinking and enable teachers to leverage the power of mobile technology for standards-based learning.

What will happen if I take part in this research study?
If you volunteer to participate in this study, we will ask you to do some or all of the following:

1. Allow a member of the Mobilize evaluation team to observe your class during implementation of the Mobilize curriculum. Observations will be scheduled at your discretion and will be conducted without interrupting your class.

2. Complete 2-3 Teacher Surveys online Each survey will take approximately 25 minutes and will contain items pertaining to your knowledge and practice of Mobilize concepts, such as:

   - How often do you incorporate the analysis and interpretation of "real world" data content into your content area instruction?
   - After implementing the Mobilize unit, how would you explain the concept of computational thinking to another teacher?

3. Administer up to 3 Student Questionnaires as part of the Mobilize unit. Each questionnaire will take approximately 40 minutes for students to complete.

4. Attend up to 5Mobilize professional development trainings during the 2014-15 school year.

5. Allow artifacts produced during implementation of Mobilize curriculum (e.g., lesson plans, student projects), to be used as part of the research study.

6. Participate in a teacher focus group/debrief and/or interview at your school with a member of the Mobilize evaluation team upon completion of the Mobilize

curriculum. The debrief will take approximately 60 minutes and may be audiotaped. Questions asked during the debrief may include:
- How fluid or confident do you feel in teaching data-related concepts?
- What is it that will get kids interested and engaged in thinking about data in a more critical way?

How long will I be in the research study?
Participation in the study will take place during implementation of the Mobilize curricular unit in your Mathematics, Science, or Introduction to Data Science (IDS) class in 2014-15.

Are there any potential risks or discomforts that I can expect from this study?
There are no anticipated risks or discomforts to you as a consequence of participating in this study. Observation, surveys, and teacher focus groups will be conducted within the time frame allotted so that they will not interfere with your classroom time. You do not have to answer any questions you do not wish to answer. You may withdraw your permission at any time and discontinue participation without penalty or loss of benefits to which you were otherwise entitled. You may withdraw your permission at any time without consequences of any kind. You are not waiving any of your legal rights if you choose to participate in this study.

Are there any potential benefits if I participate?
You may benefit from this study by gaining familiarity with Mobilize tools and material for use in your classroom, as well as the opportunity to collaborate with your colleagues in the District. Your participation in this study may allow us to help improve math, science and computer science education in LAUSD and nationwide. Additionally, your participation in collecting data using smart phone technology may help to improve the effectiveness of our application and to gain critical information regarding system and phone resource needs, availability, performance, and ease of use for future years of the project.

Will I be paid for participating?
You will receive a $200 stipend for *each full day of PD and any attendant PD-related projects* that you complete. You will receive a $25 stipend for completion of each evaluation survey, and a $50 stipend for participation in the end-of-unit teacher focus group/debrief and/or interview. In order to receive payment, you will be required to complete a W-9 with your social security number to the UCLA Accounting department. This information will be kept confidential.

Will information about my participation and me be kept confidential?
Any information that is obtained in connection with this study and that can identify you will remain confidential. It will be disclosed only with your permission or as required by law. All survey, observation, and focus group data will be labeled with a unique ID number, and your name will not be recorded on any observation or focus group forms. Only authorized, key personnel will have access to the data. 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 you nor any other individuals will be mentioned in any project reports).

Classroom observations may be videotaped. If you prefer to not be on camera, we will ensure that you will not be filmed. Photographs may be taken of your classroom during any of the

activities described above. By signing this form, you agree to possible use of your photo in Mobilize project materials (e.g., website, brochures, presentations).

What are my rights if I take part in this study?
You can choose whether or not you want to be in this study, and you may withdraw your consent and discontinue participation at any time. You may refuse to answer any questions that you do not want to answer and still remain in the study. Should you choose to not participate, there will be no penalty to you and no loss of benefits to which you were otherwise entitled.

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

Questions about the Mobilize project: LeeAnn Trusela, Mobilize Project Director at 310-825-3319 or trusela@gseis.ucla.edu

Questions about evaluation: Noelle Griffin, Assistant Director of CRESST at 310-825-8605 or griffin@gseis.ucla.edu

Questions about research: Thomas Philip, Director of Research at 310-206-7560 or tmp@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 STUDY PARTICIPANT

Name of Participant

Signature of Participant   Date

SIGNATURE OF PERSON OBTAINING CONSENT

LeeAnn Trusela, Mobilize Project Director   310-825-3319
Name of Person Obtaining Consent   Contact Number

Signature of Person Obtaining Consent   Date