

**VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY**  
**Consent to Take Part in a Research Study**

**Title of research study:** IRB #19-800 Adults' Mobile Learning

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**KEY INFORMATION:** The following is a short summary of this study to help you decide whether or not to be a part of this study. More detailed information is listed later on in this form.

**Why am I being invited to take part in a research study?** We invite you to take part in a research study because you are an adult between the ages of 18-25 or 55-80.

**What should I know about being in a research study?**

- Research personnel will explain this research study to you.
- You can agree to take part and later change your mind.
- Whether or not you take part is up to you.
- Your decision will not be held against you.
- You can choose not to take part.
- You can ask all the questions you want before you decide.

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

The purpose of this study is to figure out how adults pay attention and learn from portable and non-portable media devices and whether this is related to cognitive skills and general media use. Understanding this will allow more people to effectively use digital devices for learning. Study participation involves a one-time visit to the Cognitive Developmental Science (CoDeS) Lab on Virginia Tech campus. A visit takes approximately an hour. At your visit, you will be asked to fill out a survey, complete cognitive tasks, watch videos, and answer questions. While watching the videos, you will wear a pair of glasses with specialized cameras to detect exactly where you are looking. More detailed information about the study procedures can be found under "**What happens if I say yes, I want to be in this research?**" No risks are associated with this study beyond those associated with everyday life. More detailed information about the risks of this study can be found under "**Is there any way being in this study could be bad for me? (Detailed Risks)**" There are no direct benefits to you from your taking part in this research. Possible benefits to others include academia, industry, and the general public gaining a better understanding of how we learn from mobile media. The decision whether to participate or not will have no effect on your grades (if you are students) or relationship with Virginia Tech.

**DETAILED INFORMATION:** The following is more detailed information about this study in addition to the information listed above.

**Who can I talk to?** If you have any questions or requests for information relating to this research study or your participation in it, or if you want to voice a complaint or concern about this research, or if you have a study related injury, you may contact the Principal Investigator, Koeun Choi, at (540) 231-5720 or [koeun@vt.edu](mailto:koeun@vt.edu). This research has been reviewed and approved by the Virginia Tech Institutional Review Board (IRB). You may communicate with them at 540-231-3732 or [irb@vt.edu](mailto:irb@vt.edu) if: 1) You have questions about your rights as a research subject, 2) Your questions, concerns, or complaints are not being answered by the research team, 3) You cannot reach the research team, 4) You want to talk to someone besides the research team to provide feedback about this research.

**What happens if I say yes, I want to be in this research?** You will be asked to visit our lab at the Virginia Tech (parking provided). Your session will last up to 60 minutes. During your session, research staff will interact with you. You will be asked to complete the following tasks:

- **Cognitive tasks:** These will be used to access things like your memory, inhibition, vocabulary, and flexible thinking.
- **Video viewing and eye-tracking:** The experimenter will show you two video clips. These video clips comprised of multiple episodes from two television shows on health, and the content of the episodes is unlikely to be offensive or harmful for you. While watching the videos, you will wear a pair of glasses with specialized cameras to detect exactly where you are looking moment-to-moment. These cameras will record what you are seeing; however, your face will not be visible in the videos.
- **Interviews:** The experimenter will ask you questions about the videos you watched.
- **Video recordings:** Your session will be recorded during video viewing, eye-tracking, and interviews via a camcorder. The camcorder will be set up so that your face won't be visible. If visible, your face will be blurred. All videos will be destroyed 7 years after study completion.
- **Online survey:** This survey will be used to record basic information (e.g., age, gender, and race/ethnicity) and how much you use screen media such as TV and smartphones.

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**How many people will be studied?** We plan to include about 200 people in this research study.

**What happens if I say yes, but I change my mind later?** You can leave the research at any time, for any reason, and it will not be held against you.

**Is there any way being in this study could be bad for me? (Detailed Risks)** There are no known risks to participating in this study. We anticipate no discomfort or danger associated with this study. One potential risk is breach of confidentiality, particularly if your responses to open-ended survey questions include personal, sensitive, or identifiable information. We will mitigate this risk by storing data on a password-protected computer in a locked office and by removing all identifiable information from the data. Another potential risk for breach of confidentiality may occur if participants are identified on video records. In the unlikely event that a participant's face is visible in the video record, the participant's face will be blurred in all copies of the video file; the original, unedited version of the video will be deleted. Videos will be destroyed 7 years after study completion.

**Will I be compensated for my participation?** We understand that it takes time and effort to participate in research. Thus, you will receive 1.5 extra credit points (if recruited through SONA) or a gift card in the amount of \$20 (if recruited in any methods other than through SONA) for your time and effort completing this study. You can leave the research at any time, and your compensation will be prorated.

**What happens to the information collected for the research?** We will make every effort to limit the use and disclosure of your personal information, including research study records, only to people who have a need to review this information. We cannot promise complete confidentiality. Organizations that may inspect and copy your information include the IRB, Human Research Protection Program, and other authorized representatives of Virginia Tech. If identifiers are removed from your private information or samples that are collected during this research, that information or those samples could be used for future research studies or distributed to another investigator for future research studies without your additional informed consent. The results of this research study may be presented in summary form at conferences, in presentations, reports to the sponsor, academic papers, and as part of a thesis/dissertation.

**What else do I need to know?** This research is being funded by the Institute of Creativity, Arts, and Technology at Virginia Tech. Any expenses accrued for seeking or receiving medical or mental health treatment will be your responsibility and not that of the research project, research team, or Virginia Tech.

**Signature Block for Capable Adult.** Your signature documents your permission to take part in this research. We will provide you with a signed copy of this form for your records.

|  |                                      |
|--|--------------------------------------|
| Signature of participant                 | Today's Date                         |
| Printed name of participant              | Month and Year of Birth<br>(MM/YYYY) |
| Signature of person obtaining consent    | Today's Date                         |
| Printed name of person obtaining consent |                                      |