Kansas State University Informed Consent Statement

Parental Consent Form

BPC-DP: Broadening Participation of Underrepresented Groups Through the Computational Core Initiative / CS4KS: Expanding the Cyber Pipeline Program

The Department of Computer Science at Kansas State University is committed to making computer science education accessible to all Kansas students. The Cyber Pipeline Program, which helps high schools offer low-cost and high-quality courses in computer science has been developed as a part of that commitment. We want to make our courses even better, so our Advancing Teaching and Learning Lab is conducting research on how students like your child choose to engage with and move through the curriculum.

BENEFITS

This research will help us improve this curriculum for future students and ensure that everyone in our state has access to the best possible learning opportunities in Computer Science.

RISKS

There are no anticipated risks with participation in this study other than the time filling out the survey.

DATA COLLECTION

We will be collecting information about how your student thinks about themself and computer science. For students who take a Cyber Pipeline course, we will look at this information alongside the coursework they complete to better understand how they feel and learn as they move through the course. Additional surveys will also be conducted to better understand student attitudes towards computing, such as attitudes towards computing careers. This will also include basic demographic information. Personally identifying information (anything that says who they are) will be kept confidential. When we analyze the collected data, we will be grouping your students' information with that from other similar students across the state. If you are willing to let us use your students' data in this study, please initial the box below.

[   ] I agree to allow my students' data to be used for this study.

To answer specific questions we may have about students who are from groups currently underrepresented in computer science (students who are from rural areas, are women, are Latinx, or are black) we may also invite your student to join a focus group. These focus groups will be conducted over Zoom and will bring together a group of five to eight students from across the state who share a similar identity. A researcher from our lab will pose questions about thier thoughts about and experiences with computer science. If you are willing to allow your student to participate in a focus group, please initial the box below.

[   ] I am willing to allow my student to participate in a focus group as a part of this study.

The information we learn through this study will be shared with computer science education professionals through papers and conference presentations. We will make these available to all participants through the Cyber Pipeline website, at https://cyberpipeline.cs.ksu.edu. In addition to these more academic-focused writings, we will share our findings more informally through blog posts, YouTube videos and social media also linked from that page.

PARTICIPATION

Participation in either or both parts of this study is voluntary and requires both your consent and your students' assent. You may withdraw your permission at any time. It will have no effect on your students' standing or grades in a Cyber Pipeline course. If you choose to withdraw your consent, you only need to let us know and we'll remove your students' data from the study. Any data collected as part of the research, even if identifiers are removed, will not be used or distributed for future research studies.

CONTACT

The researchers leading this study are:

- Nathan Bean nhbean@ksu.edu
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Our work as researchers is overseen by the Kansas State University Institutional Review Board. They help ensure that we conduct our research in an ethical manner. If you have any concerns about this study or us as researchers, please contact one of these IRB officials:

- Lisa Rubin, Chair, Committee on Research Involving Human Subjects, 203 Fairchild Hall, Kansas State University, Manhattan, KS 66506, (785) 532-3224
- Brad Woods, Associate Vice President for Research Compliance, 203 Fairchild Hall, Kansas State University, Manhattan, KS 66506, (785) 532-3224.

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CONSENT

I verify that my signature below indicates that I have read and understand this consent form, and willingly agree to allow my child to participate in this study under the terms described, and that my signature acknowledges that I have received a signed and dated copy of this consent form.

I _____ agree

 _____ do not agree

to allow my child (please print), _____ to take part in this study.

Parent/Guardian signature _____ Date _____