

Parental Permission and Student Assent Form for *Adventure in STEM*

Title of Survey: Adventure in STEM (Girl STEM Camp) at CURENT

Introduction: Your child is invited to participate in the survey being conducted by Dr. Chien-fei Chen, Director of education and diversity program, Center for Ultra-wide-area Resilient Electrical Energy Transmission Networks (CURENT), Department of Electrical Engineering and Computer Science, UTK.

The objectives of this survey include:

1. To evaluate the effectiveness of our *Adventure in STEM* program.
2. To seek feedback from our participants in order to improve our future programs.

Procedures: There will be two questionnaires – before the program, after the program. It will take about 10 minutes each time. This survey will include questions regarding demographics, activity evaluation, program overall evaluation, college major choice, confidence in studying STEM (science, technology, engineering and math), interests in learning engineering and future intention in studying STEM and other questions related to our program. **In addition, we will video tape and interview the participants. No sensitive questions will be asked in the survey and during the interview.**

Risks or Discomforts: There is no risk. The risks of participating in the study are no greater than those of everyday life.

Benefits: Your child's opinions may help researchers better understand middle school students' experiences in the STEM education.

Right to Refuse or Withdraw: Following your permission, participation of your child in this study remains voluntary. Your child will also be asked to provide assent to participate and may refuse even if you consent. Your child can also refuse to answer any questions and may withdraw from the study at any time without penalty. Even if your child initially agrees to complete the first survey, she has the right to withdraw at any point.

Compensation: By participating in the two surveys, students will receive a pen and a notebook.

Anonymous and Confidential Data Collection: Any identifying information collected will be kept in a secure location and only the researcher will have access to the data. Participants will not be individually identified in any publication or presentation of the research results. Only aggregate data will be used. No references will be made, in oral or written reports, which could link the participants to the study. The results of the research study may be published, but your child's name will not be used.

The records of this study will be stored securely on campus and kept private. Authorized persons from The University of Tennessee at Knoxville and members of the Institutional Review Board have the legal right to review your research records and will protect the confidentiality of those records to the extent permitted by law.

Contacts and Questions:

If you have any questions about the study please feel free to contact the researcher now. Her name, phone number, and e-mail address are at the top of this page. If you have questions about your rights as a research participant, complaints, concerns, or questions about the research please contact UT Knoxville IRB Administration Office at 974-7697 or visit the office at 1534 White Avenue.

Acceptance & signature:

I have read the information provided above and voluntarily agree to the participation of my child in the surveys.

Name of Parent / Legal Guardian

Name of Parent / Legal Guardian Signature

Name of Child _____

Date _____

STATEMENT OF CONSENT from the Student:

I have read the above information and have sufficient information to make a decision about participating in this survey. I consent to participate in the survey.

Print Your Name: _____

Signature from Parent: _____

Date: _____