

Project Title	Evaluating the Impact of Summer Computing Camps: <i>AI4ALL Summer Camp</i>
Purpose of the Study	<p><i>The Iribe Initiative for Inclusion and Diversity in Computing and the Maryland Center for Women in Computing at the University of Maryland will be offering summer camps during July to middle school and high school students from Maryland and across the nation to educate and further their interest in becoming professionals in the field of computing.</i></p> <p><i>The purpose of this research is to determine if our camps were successful in promoting and educating youth about the field of computer science. We are also evaluating the components of the camp to improve them for the future, as well as for justification for financial funding for future educational programs. As a camp participant, your child is eligible to participate in our study.</i></p> <p><i>Dr. Jan Plane, Director The Iribe Initiative for Inclusion and Diversity in Computing, will serve as the principal investigator (PI). Kate Atchison, Assistant Director, Iribe Initiative for Inclusion and Diversity in Computing, and other staff personnel will be coordinating these programs and conducting the research.</i></p>
Procedures	<p><i>The AI4ALL summer camp will take place at the University of Maryland, College Park campus. First, consent for your child to participate, and your child's assent to participate is required. Your consent will be given for the entire time your child is part of camp unless you reach out to us. Next, camp activities—both training and research--will begin.</i></p> <p><i>Research: Your child will complete the pre-camp survey on a computer for each year of your child's participation in AI4ALL summer camp. The pre-camp survey has short answer and multiple-choice questions. This survey includes questions about your child's basic information (gender, racial background, school, and grade), your child's educational goals (areas of interest, future career goals), your child's knowledge on computer science and Artificial Intelligence, and past/current educational experiences (classes taken, educational activities participated in). An example of a question is "What does computer science mean to you?" The survey should take approximately 20 minutes.</i></p> <p><i>Similarly, some students will be asked to participate in small group discussions for approximately 30 minutes during the final week of camp with camp staff who are also part of the research team. Questions will be asked to gather information about their perceptions of camp and future involvement in computing. These groups will be recorded to allow the researchers to transcribe and code the data at a later date. After transcription, the recordings will be deleted.</i></p> <p><i>On the final day of the camp each year, your child will complete the post-camp survey on the computer, which contains the identical questions as the pre-camp survey.</i></p>
Potential Risks and Discomforts	<p><i>The only known risk in this study is accidental breach of confidentiality. The investigators need the name of your child on both the pre-camp survey, and the post-camp survey, so we can match your child's answers on the two forms. This allows us to learn about the</i></p>

	<i>progress made in the camp by your child. All other children in the campus will also be asked for their names.</i>
Potential Benefits	<i>This research is not designed to help your child personally. The information we obtain from your child and all the other campers may help the investigators learn more about how to improve the summer AI4ALL for High School Students program.</i>
Confidentiality	<p><i>In this study, participant confidentiality will be protected to the maximum extent possible. The consent form you sign will be stored in a password-protected online database available only to those given an access key. Your child's answers to the pre and post surveys on the computer will be stored in the password-protected online database that can only be accessed by the research team who will analyze the survey data to evaluate the effectiveness of the summer camp. They will share results of evaluation with the administration team, but your child's name will not be included.</i></p> <p><i>Information may be shared with representatives of the University of Maryland, College Park or governmental authorities if a participant or someone they know is in danger, or if we are required to do so by law. If a report or article including this data is written, the identity of participants will be protected to the maximum extent possible. The data will be stored electronically until all relevant research is published. Once the electronic data is no longer needed for report or article publication, it will be permanently deleted.</i></p>
Medical Treatment	<i>The University of Maryland does not provide any medical, hospitalization or other insurance for participants in this research study, nor will the University of Maryland provide any medical treatment or compensation for any injury sustained as a result of participation in this research study, except as required by law.</i>
Right to Withdraw and Questions	<p><i>If you are to participate in this research, you may stop participating at any time. If you decide not to participate in this study or if you stop participating at any time, you will not be penalized, and it will not affect your participation in the camp. If you decide to stop taking part in the study, if you have questions, concerns, or complaints regarding participation, or if you need to report an injury related to the research, you can alert the research team at camps@cs.umd.edu, who will be administering the surveys.</i></p> <p><i>If you have any questions regarding the research or your participation in the research, please contact:</i></p> <p><i>Principal Investigator Jan Plane, Ph.D. 1254 Brendan Iribe Center for Computer Science and Engineering Tel: 301-405-2754 Email: jplane@umd.edu</i></p>
Participant Rights	<p><i>If you have questions about your rights as a research participant or wish to report a research-related injury, please contact:</i></p> <p style="text-align: center;">University of Maryland College Park Institutional Review Board Office 1204 Marie Mount Hall</p>

	<p style="text-align: center;">College Park, Maryland, 20742 E-mail: irb@umd.edu Telephone: 301-405-0678</p> <p><i>This research has been reviewed according to the University of Maryland, College Park IRB procedures for research involving human subjects.</i></p>	
Statement of Consent	<p><i>Your signature indicates that you are at least 18 years of age; you have read this consent form or have had it read to you; your questions have been answered to your satisfaction and you voluntarily agree to participate in this research study. You will receive a copy of this signed consent form.</i></p> <p><i>If you agree to participate, please sign your name below.</i></p>	
	NAME OF ASSENTING MINOR [Please Print]	
Signature and Date	SIGNATURE OF ASSENTING MINOR	
	NAME OF CONSENTING PARENT [Please Print]	
	SIGNATURE OF CONSENTING PARENT	
	DATE	