**Participant Recruitment for a Research Study on**

**Improving Web Browsing on Mobile Devices**

A research team in the Department of Information Systems at University of Maryland, Baltimore County (UMBC) is conducting a user study on how to improve Web browsing on mobile phones for users with three types of color vision deficiency. This study has been approved by the Institutional Review Board at UMBC. This research is funded by National Science Foundation (Award #: IIS-1250395).

We have developed a mobile application that is aimed to automatically change the colors of text in Web pages to make them more distinguishable by users with color vision deficiencies. We invite volunteers with color blindness to participate in a research study to evaluate the effectiveness of the application and to solicit feedback for further improvement. The study will be held in Room 448 on the 4th floor of the ITE building at UMBC from September 9~28. The campus map is available at http://about.umbc.edu/visitors-guide/campus-map/.

**Qualifications**: A participant must meet the following criteria:

* have one of the following three color vision deficiencies, including Protanopia, Deutanopia, or Tritanopia
* be at least 18 years old
* have at least high school education
* have prior experience with Web browsing on a hand-held mobile device such as cell phone

**What you will do in the study**: You will be asked to use a touch-screen smart phone equipped by the developed mobile application to browse a series of Web pages. The phone will be provided by the research lab. Then, you will need to fill out a questionnaire about your perception of colors of those Web pages, and answer some interview questions. The entire study session is expected to last about 1~1 hour 15 minutes.

**Award**: You will receive $15 cash reward for your time and feedback after successfully completing the study. More importantly, you will experience the latest technology we have developed to improve the effectiveness and accessibility of mobile web browsing.

**Contact**: If you are interested in participating in this research study, please contact Jianwei Lai at ([jianwei1@umbc.edu](https://webmail.umbc.edu/src/compose.php?send_to=jianwei1%40umbc.edu)) with the subject line “Mobile Web study” as soon as possible (but no later than Sept. 12), to make an appointment for the study. We will try our best to accommodate your schedule. Because of limited seats, the selection of participants will be on a first-come, first-serve basis.