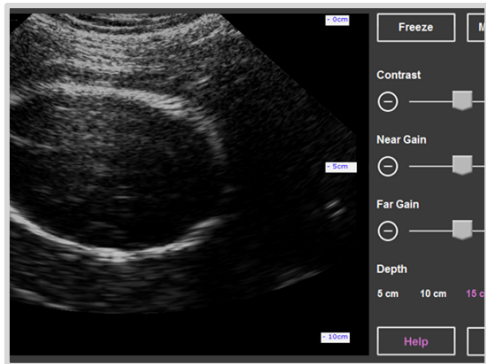


UW Change: Exploring Technology for the Underserved

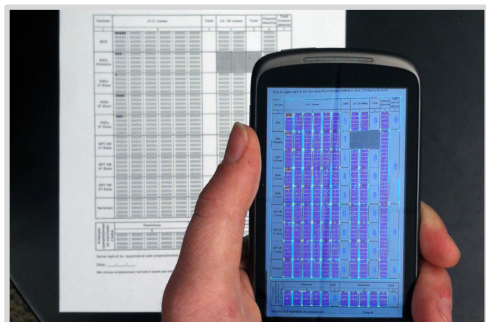
In places where there is no clean water or reliable power, one will often find mobile devices and Internet access. Our work explores how to use the availability of that technology to improve the lives of the underserved.



Open Data Kit (ODK) is a free and open-source data collection framework which is being used at scale to streamline healthcare delivery, monitor the environment, improve business processes, manage natural disasters, and assess student literacy.



Mobile Midwives' Ultrasound is an inexpensive portable ultrasound device designed for midwives in low-income regions. The device helps identify three common obstetrical conditions: placenta previa, multiple gestations, and breech presentation.



FreeForm is a mobile form scanning system that uses computer vision to automate the capture of data from paper forms. The system could significantly reduce the cost of digitizing data in a number of domains.



Change is a group of students, faculty and staff who connect the disparate global development activities around campus and facilitate deeper multi-disciplinary collaborations.

Change members have launched successful projects, made important academic contributions, and received millions of dollars in funding.

<http://change.washington.edu>

