MOBILE WACH

**Goal:** Improve communication with expectant mothers for engagement with the health system.
**Solution:** One-way and two-way messaging. Nurses use the system below to manage messaging.
**Study:** Evaluation in Nairobi, Kenya. Joint work with UW Department of Global Health.

PROJECTING HEALTH

**Goal:** Promote improved maternal and child health practices in a community program.
**Solution:** Community-created videos shown in groups by ASHAs using pico projectors.
**Deployment:** Uttar Pradesh, India. The project reaches roughly 60 villages.

M2M VIDEO SHARING

**Goal:** Make health messages available to the community.
**Solution:** Promote video sharing on personal mobiles.
**Deployment:** Uttar Pradesh, India. Extension of Projecting Health.

HEALTH WORKER PERSONAS

**Goal:** Understand health worker needs.
**Solution:** Through qualitative assessment, personas were developed to identify opportunities for the mobile wellness toolkit to support health workers.
**Study:** Six week study of Primary Health Centers in South India.

ODK DIAGNOSTICS

**Goal:** Diagnose infectious diseases for appropriate treatment.
**Solution:** An Android application processes Rapid Diagnostic Tests and reports to a central database.
**Deployment:** Feasibility study done in Zimbabwe.

COLD CHAIN INFORMATION SYSTEM

**Goal:** Improve the vaccine cold chain by providing information about equipment status and stock levels.
**Solution:** Status reports are submitted by health workers using SMS.
**Deployment:** Piloted in 20 health centers in Laos with plans to expand nationwide.

ODK SENSORS

**Goal:** Enable mobile phone applications to seamlessly interface with external sensors.
**Solution:** A sensor framework for Android that separates driver implementation from the application.
**Deployments:** Water use tracking in Ethiopia, monitoring of human breast milk pasteurization, mobile device to screen for pneumonia.

ODK TABLES

**Goal:** Visualize health data on a mobile device.
**Solution:** Highly customized spreadsheet using HTML5 for list, detail, map, and graph views.
**Implementation:** Data updated with Open Data Kit tools.