Oh, the Places You'll Go!

Dr. Yaw
Just finished 24th grade
Started a tech startup
Learned to tinker in Ghana
Discovered computers at nine
Turned mistakes into money
Moved news from print to web
Helped fighter jets be more accurate
Invented gadgets
Moved back to Africa
Lived in rural Africa
How can I help a farmer feed his family?
How can I help protect a fisherman’s waters?
How do I help kids learn more?
How can I help the poor stay healthy?
How can I help in a place like this?
Can phones and the Internet help?
How can I help the poor stay healthy?
Many sick patients and very few trained doctors
Use mobile phone to guide care

- Ask about main symptoms
  - Cough or difficult breathing
  - Diarrhea
  - Fever
  - Ear problem
  - Other/None of the above

Please record the sound of the patient's cough.

Record Sound

Play Sound
Hard to find patient data on paper
Put patient’s medical records on phone
Software used in over 650,000 encounters
Technology can help doctors provide better care
A group at the University of Washington exploring how technology can improve the lives of underserved populations.

http://change.washington.edu (@uwchange)
Multi-Learn
Creates a multi-player educational game which incorporates multiple input and split-screen UI
Mobile Midwives’ Ultrasound
Provides an inexpensive ultrasound designed for midwives in low-income regions
Digitizing paper-based data via mobile imaging technologies
Mobile test analysis to improve diagnosis at the point of care in developing countries.
Questions?