

Research interests

Social appropriation of Web 2.0 technologies, health technologies, ICT4D, marginalized youth

Education

University of Washington

Bachelor of Arts, Comparative History of Ideas

expected 2012

Bachelor of Science, Informatics: Human-Computer Interaction

expected 2012

3.89/4.00 scale Grade Point Average

Phi Beta Kappa member

Skills

Research methods: literature reviews, surveys, semi-structured/formal interviews, focus groups, contextual inquiry, ethnography

Design methods: brainstorming, personas, low/high fidelity prototypes, video prototypes, scenarios, cognitive walkthrough, heuristic evaluation, usability testing

Technical: Photoshop, (x)HTML, CSS, JavaScript, PHP, Visual Studio, Wordpress, Drupal

Language: English (native), German (intermediate), Italian (beginner)

Selected Projects & Employment

PositiveMagnetism – a web-supported HIV disclosure service

Informatics senior capstone project

09/2011 – present

Researcher and designer for a web-supported HIV disclosure service that helps facilitate the process of a person telling one's HIV status.

Portable Antenatal Ultrasound for Village Midwives

Co-founder, Interaction Designer, User Researcher

01/2010 - present

An ultrasound platform for midwives in rural developing regions that aims to decrease high maternal and infant mortality rates. Received a \$100,000 Gates Grand Challenges in Global Health grant.

Erasmus Studio at Erasmus University in Rotterdam, the Netherlands

Intern

06/2011 - 08/2011

Developed a web portal that facilitated access to over thirty years of photos from Dutch history school books. Co-developed the Erasmus Digital Lab, an interdisciplinary research lab focused on promoting digital knowledge in the humanities.

College of Engineering, Center for Learning & Teaching at the University of Washington

Research assistant

07/2009 - 03/2010

Researched student perspectives on engineering education through a four-year longitudinal study sponsored by the National Science Foundation.

Socially Appropriated Network Technologies in the Center for Internet Studies Landscape Study

Undergraduate researcher

09/2009 - 12/2009

Researched the adoption and use of different social networking tools in 25 developing countries using data collected from the "Landscape of Public Access to ICT in 25 Countries".

Selected Publications

A. Hope; **M. Hicks**; W. Gerard; W. Brunette; K. Saville; R. Anderson; G. Borriello; B. Kolko; R. Nathan.

"Designing an Intelligent Medical Assistant for Diagnostic Ultrasound." Intelligent User Interfaces for Developing Regions (IUI4DR) Workshop, Palo Alto, California, USA. February 2011.

W. Brunette; W. Gerard; **M. Hicks**; A. Hope; R. Anderson; G. Borriello; B. Kolko; R. Nathan. "Portable Antenatal Ultrasound Platform for Village Midwives." ACM Computing for Development (DEV), London, United Kingdom, December 2010.