Digital Health

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Bad libraries build collections, good libraries build services, great libraries build communities.

R. DAVID LANKES
Digital Health
@ Health Sciences
Library
Promoting innovative use of digital health solutions to solve pressing patient-centered health problems.
Digital Health Device Collection

- Sleep trackers
- Voice assistants
- Activity trackers
- Pulse oximeters
- Digital stethoscopes
- Air quality monitors
- Tools for digital health research (infrared camera, mHealth hardware kit, beacons)
- More!
Events

Workshops

• Agile Science
• Digital Health Regulatory Process & IRBs
• Overview of Digital Health in the UNC Research Context
• Digital Health Devices
• API/App Development
• Digital Health Data Management

Seminars

• Privacy & Security
• Digital Health Research @ UNC CS Dept
• CHART Application
• Augmented Reality Health Applications
Example Projects

- Brain-controlled virtual reality game/platform
- Amazon Alexa apps for Phlebotomy and Pediatrics
- Infrared camera sensing of heart rate variability
- Wireless scales to support weight loss
- Aerosol inhalation monitors for youths with asthma
- Bluetooth beacons for Cystic Fibrosis app
- Augmented reality game to promote physical activity for children at UNC Hospitals
- EEG study of health information seeking tasks
- Device validation & protocol development for activity tracking studies
Digital Health Symposium

THEME:

Digital Health Everywhere

Exploring the innovative use of health software, devices, and data

FRIDAY, FEB 23
8:30 AM – 3:00 PM
2nd Floor, Health Sciences Library

http://hsl.lib.unc.edu/dhsymposium
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http://hsl.lib.unc.edu/digital-health/