Access to Healthcare with Telehealth
ADPH Office of Telehealth

- Establish Telehealth Clinics at All County Health Departments
- Collaborate with Healthcare Providers
- Facilitate All Telehealth Services

Components Required to Build 1 Cart

- Ergotron 113603 Components
  - Telepresence Cart 1
  - 1 Cart
  - 12/14/2018

- ADPH Office of Telehealth

- Telehealth Services

ADPH Model:
- Custom build Carts
- Deploy to Site, Train and Support Staff
- Manage Network
- $11,000 per Cart

Includes:
- Bluetooth Stethoscope
- Handheld Exam Camera

Annual Milestones

- 2014: Purchase components / build carts ($11,000 vs. $30,000 per cart)
- 2015: 44 of 66 county health departments have bandwidth for telehealth
  - Deployed 6 carts
- 2016: Deployed 10 carts (16 total)
- 2017: 60 of 66 county health departments have bandwidth for telehealth
  - Deployed 13 carts (29 total)
- 2018: 54 ADPH County Health Departments have telehealth carts!

Components Required to Build 1 Cart

- Ergotron 5435-200-01
  - 1 Telepresence Cart

- Jeltech 60-7450 Series 1
  - 2 Handheld Camera w/3 Lenses

- Cisco SX-10
  - Video Conference Cam/Encoder

- Cisco SX-10
  - Video Conference Cam/Encoder

- HP P4409VT
  - Desk Top Mini Elite PC

- HP Z720 2.4GHz
  - Pro Display 27" Monitor

- LG 34UM58-Q
  - 34" LCD TV

- UltiPro 9000-077
  - Electronic Bluetooth Stethoscope

- Monitor 67-786-104
  - Scanner Shelf

- Switch E350-500 Series 1
  - 5 Port Gigabit Ethernet Switch

- Littman 3200BK27
  - Electronic Bluetooth Stethoscope

- LG 24LF4520
  - 24" LCD TV

- HP K7X31-6001
  - P232 Pro Display 23" Monitor

- HP P4K05UT
  - Desk Top Mini Elite PC

- Cisco SX-10
  - Video Conference Cam/Encoder

- Ergotron SV43-53EO-1
  - Telepresence Cart

- Cables 2 Go 29652
  - 10' USB 2.0A to Mini-B Cable

- Cyberdata PMP7793
  - 3 Port Gigabit Ethernet Switch

- ADesso AKB-510HB
  - SlimTouch mini keyboard w/USB

- Tripp-Lite UL17CB-15
  - Power Strip, 9 Outlet

- Tripp-Lite P006-003
  - 3' Power Cord 125V, 10A

- Tripp-Lite P569-003
  - 3' High Speed HDMI Cable

- Belkin A3L980-04-BLK-S
  - 4' Black Cat6 Patch Cable RJ45/RJ45

- Belkin A3L980-04-BLK-S
  - 4' Black Cat6 Patch Cable RJ45/RJ45

- Startech C6PATCH1BK
  - 1' Black Cat6 UTP Patch Cable

- Ergotron 97-780-194
  - Scanner Shelf

- Littman 3200BK27
  - Electronic Bluetooth Stethoscope

- LG 24LF4520
  - 24" LCD TV

- HP K7X31-6001
  - P232 Pro Display 23" Monitor

- Cisco SX-10
  - Video Conference Cam/Encoder

- Ergotron SV43-53EO-1
  - Telepresence Cart

- Components Required to Build

- 1 Telepresence Cart
  - 1 Cart
  - 12/14/2018
Ms. Mary Epp
84 year old home dialysis patient

Until now, telehealth efforts in Alabama have been: Individual Telehealth Networks Providing Single Health Care Service

Alabama County Health Departments are single point of entry for Telehealth Clinics For All Health Care Services

The next series of slides show the establishment and expansion of the ADPH Telehealth Program with healthcare partners

Partnerships and Collaboration
Telehealth at ADPH County Health Departments

Medical AIDS Outreach (HIV/AIDS) (First telehealth partner)

Telehealth at ADPH County Health Departments

Medical AIDS Outreach UAB School of Medicine (Monthly appointments for home dialysis patients)

Telehealth at ADPH County Health Departments

Medical AIDS Outreach UAB School of Medicine AIDS Alabama (Mental health)

Telehealth at ADPH County Health Departments

Medical AIDS Outreach UAB School of Medicine AIDS Alabama ADPH STD Program (Patient education)

Telehealth at ADPH County Health Departments

Medical AIDS Outreach UAB School of Medicine AIDS Alabama ADPH STD Program University of South Alabama (Diabetes education)

Telehealth at ADPH County Health Departments

Medical AIDS Outreach UAB School of Medicine AIDS Alabama ADPH STD Program University of South Alabama Veterans Affairs
Telehealth Clinics at ADPH County Health Departments

Alabama Telehealth Champions
Telehealth Partners:
- ADPH Programs
- AIDS Alabama
- Alabama Department of Rehabilitation Services
- Alabama Health Action Coalition
- Auburn University
- Birmingham VA Medical Center
- Central Alabama Veterans Health Care System
- Children's Hospital of Alabama
- Medical Advocacy and Outreach
- UAB Medical Center; UAB Genetics Department
- University of South Alabama

Telehealth Services
- Behavioral health
- Cardiology
- Diabetes education
- Family planning
- Genetic counseling
- HIV/AIDS
- Maternal fetal medicine
- Nephrology
- Neurology
- Rheumatology
- Opioid agonist therapy for pregnant women
- Pre/Post procedure consultations
- Sexual assault counseling
- STD education, counseling, partner tracing

Also used for meetings and training

Our lives improve not at the moment of invention, but when we accept it as essential.

Alabama Public Health
Office of Telehealth
Michael Smith, MSPH, MEd
334 - 206 - 5631
michael.smith@adph.state.al.us
Jessica Hardy, MPH, DNP, APRN, ACNS-BC
334 - 206 - 5665
jessica.hardy@adph.state.al.us
April Golson
334-206-9347
april.golson@adph.state.al.us