

Unit 11a: Health IT in the Future

Component 7: Working With HIT Systems

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Learning Objectives

- Speculate the relationship between HIT and health reform
- Suggest alternative designs for usable & supportive HIT
- Hypothesize how HIT may intersect with publicly available data to improve health (i.e. Point of Sale, Weather, GIS, foods, etc.)
- Predict avenues of future innovations in HIT

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Reform of the US Healthcare System



Image Source: <http://www.healthcare.gov/>

- Patient Protection & Affordable Care Act of 2010
- CMS Center For Innovations
- “journeys of care, not fragments of care” (Berwick)
- ACA – AHRQ Center for QI and Patient Safety
- Telehealth expansion

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"Health IT: Hope, Hype, and How to Avoid the Road to Hell" (Elective Video)



Image Source: <http://www.chcf.org/>

Alternative Designs for HIT

- Where might alternative designs take us?
 - Wearable computers
 - Implantable chips
 - Mobile solutions for mobile clinicians
 - I-phone like apps
 - Advanced smart phones
 - Robots



This Completes Part 1 of Unit 11
