

DRAFT of 12/8/2016

Second Learning Health System Summit

Summary of Proposed Categories and Prioritized Action Items from Day One (12/8/2016)

Proposed Categories:

1. DISSEMINATE LHS CULTURE - PROMOTION
2. ORGANIZATIONAL CULTURE - ORGANIZATIONAL INFRASTRUCTURE & ECOSYSTEM - SCALE
3. BUILD COMPONENTS
4. CONSUMER FOCUS
5. P2D & D2K
6. K2P
7. FUND LHS - POLICY/GOVERNMENT - SUSTAINABILITY

Summary Notes from Breakout Groups from Day One (Thursday, 12/8/2016):

RED Breakout Group (12/8/2016)

Top Priorities:

1. Deploy organizational readiness evaluation
2. Identify business cases
3. Identify committed organizations to define essential components of an LHS, combine forces and work together to create multiple LHS; form a network of organizations committed to becoming LHS, for multiple LHS, research and learn from the process, and use that to develop the use cases and the next generation of LHS - learn how to learn (better) in the process.
4. LHS is a Transform Health System - demonstrate meaning and value to the public
5. Change financial model to encourage learning both by encouraging patients to choose based on outcomes and payers to focus on outcomes
6. Set expectations that health systems use and generate evidence for all interventions

ORANGE Breakout Group (12/8/2016)

Priorities:

1. Identify sustainable economic incentives to collect data and make it available (not enough to digitize EMRS)
 - a. Category: P2D
2. Break down silos by linking evidence, literature, experts, clinicians, consumers and policy makers
 - a. Category: Ecosystem-scale
3. Demonstrate how steps towards LHS fits business models and contributes to the Triple AIM
 - a. Category: Disseminate LHS Culture
4. Recognize the importance of social and behavioral determinants of health across the system and build the capacity to incorporate it into a LHS
 - a. Category: Social issues
5. Develop a framework, business case, and approach to a phased LHS implementation aligned with the recommendations in the Shared Nationwide Interoperability Roadmap v. 1.0
 - a. Category: Fund LHS- Policy/Government-Sustainability

YELLOW Breakout Group (12/8/2016)

Top priorities...

1. Aligning incentives and the regulatory environment to facilitate data sharing and ensure stewardship of data as it moves across the health ecosystem.
2. Enable advances in data science for better health outcomes.
3. Fund public education to promote data for good; for you, for others, and for society.
4. Develop methods to capture value for diverse stakeholders across the LHS.
5. Develop metrics of the preceding four (4) items.

GREEN Breakout Group (12/8/2016)

Green Group: Top 5-10 action items

1. Advocate inclusion of patient perspective throughout health ecosystem
2. Promote LHS
3. National commitment to multidisciplinary, integrated R&D studying how we build a LHS
4. Move data into action
5. Develop a value proposition and strategies for LHS sustainability
6. Develop concrete health objectives and then apply LHS principles/methods/approach to reaching them
7. Move toward a technical telecommunications infrastructure to support LHS
8. Innovate

BLUE Breakout Group (12/8/2016)

Top Priorities:

1. **Fund LHS:** Legal and regulatory frameworks that enable use of data for both clinical and research (our group added this item)
2. **Fund LHS:** Fund increased ~~institutional~~ infrastructure cost of new interventions
3. **K2P:** Build in clinical trials, decision support and data **provenance**
4. **P2D:** Structure measurement and reporting to facilitate ongoing innovation and learning
5. **P2D:** Advance the value of patient reported and generated data
6. **Consumer Focus:** Real-time access to patient data in usable form
7. **Ecosystem and Scale:** Commercial organizations reframe the “business purpose” of efforts that are aligned with the tenets of LHS

8. **Build Components:** Develop frameworks that enable rapid testing/deployment of interventions (scrap, scale, or maintain)
9. **Professional Contributors to LHS:** Educate workforce, both current and future

PURPLE Breakout Group (12/8/2016)

5+ key action items:

1. Getting the word out about LHS / Clearly define LHS
 - a. Keep it simple
 - b. To disseminate to institutional and organizational leadership, advocacy groups and the general public
 - c. Branding and renaming
2. Align incentives / Financial system
 - a. Proof of concept
 - b. Profitable business model
3. Establish a pre-competitive space
 - a. Destruction of silos
 - b. Data sharing through telehealth
 - c. Communication across stakeholder communities improving use innovation and technology
4. Open science, open data, participatory medicine,
 - a. Sustainable business model

* MISSING key action items:

1. Accountability for one's own health