Learning Systems Can Exist at Any Level of Scale

- Single Organization
- Network of Organizations
- States/Provinces/Regions
- Nation
- Planet
LHS Exemplars at all Scales!

Single Organizations

In the US:
- Intermountain
- Geisinger
- Kaiser-Permanente
- Mayo
- Our peers...

Networks

In the US:
- PCORI networks
- CancerLINQ
- EpiNet
- High Value Collaborative

States/Provinces/Regions

- Quebec & BC
- Michigan & Indiana
- Northern England

Nation

- Switzerland
- UK/Scotland & England
- Saudi Arabia

Planet

Someday
Intermountain...
Duke...

Learning Health’s Components

- Patients
- Clinicians
- Researchers
- Community

Engagement

Data Liquidity
- Informatics
- Curation
- Infrastructure
- Health Technology

Research
- Artificial Intelligence
- Statistics
- Rapid Analytics
- Embedded Trials

Implementation & Evaluation
- Practice
- Process
- Payment
- Policy

LHU
Our ultimate goal: a smarter healthcare system
Networks: Improve Care Now

Improvers wanted.
Together, we're collectively restoring the wellbeing of all kids with Crohn's disease and ulcerative colitis — changing the way medicine is practiced.

WATCH OUR VIDEO
JOIN OUR CIRCLE
“Cloning” Improve Care Now

Contract for Advancement of PCORnet Infrastructure: Development of Pilot People-Centered Communities Project - Phase I

Project Summary

The Learning Healthcare System Networks Project (previously called the People-Centered Communities) will develop four pilots based on Cincinnati Children's Hospital Medical Center's successful learning network model. The learning network model supports the design, development, and implementation of data networks.
NIH Announces Funding Awards for National Early Psychosis Learning Community

*NIH-funded research projects aim to improve quality*

The National Institutes of Health (NIH) awarded six research grants for studies to develop a learning health care system for the treatment of early psychosis. The awards are part of a broad research initiative called *Early Psychosis Intervention Network (EPINET)*, which aims to develop models for the effective delivery of coordinated specialty care (CSC) services for early psychosis. The grants are administered by the National Institute of Mental Health (NIMH), part of NIH.
Learning Health System

- About the UK Asthma Observatory
- Data Catalogue
- Asthma Burden in the UK
- Hospital Admissions Data Dashboard
- Learning Health System

Diagram:

1. Analyse data
2. Interpret results
3. Tailored feedback
4. Take action
5. Decision to study quality of asthma care
Switzerland

The Swiss Learning Health System (SLHS) is a collaborative project to establish a national platform for health systems and services research, policy and practice. The goal of the SLHS is to foster dialogue between stakeholders with the aim of developing and continuously integrating evidence-based solutions to current and future challenges in the health system. The SLHS relies on cyclical dynamics to identify issues, systematize relevant evidence, present alternative actions, select the best action, implement change, observe its consequences and, if necessary, revise and reshape responses.