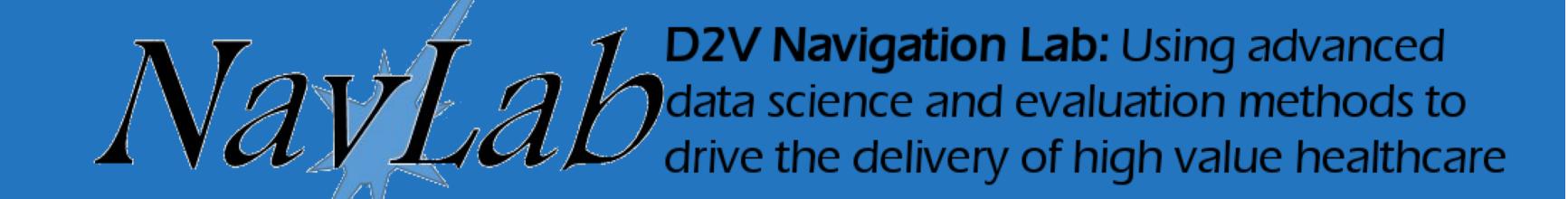
# Rigorous and Timely Evaluation of Health Systems Clinical Programs



## NavLab Background

### The Opportunity

- The National Academy of Medicine defines a Learning Health System as a health system that assembles, analyzes, and interprets data, then leverages the findings to adapt and improve the delivery of patient-centered care.
- The NavLab partners with UCHealth and Children's Hospital Colorado to perform rigorous and timely evaluations, implement and disseminate new knowledge and innovation, and engage relevant stakeholders within a Learning Health Systems (LHS) framework. Image source: Reproduced from Friedman 2014



## NavLab Scope of Services

The NavLab assists health system partners to effectively evaluate clinical programs, addressing important operational questions such as:

- How did the program affect intended outcomes?
- Did the intervention address intended objectives?
- Are there unintended impacts of the program?
- What is the cost of the program?
- What is the return on investment (ROI), of the intervention?
- Is the program flow efficient?

# Comparative Effectiveness Evaluation Workflow Evaluation Microcosting Roll Assessment Costeffectiveness Analysis

### The NavLab performs rapid cycle evaluations that:

- Engage stakeholders, including patients, providers, staff, and clinical leaders as part of the evaluation process
- Quantitatively and qualitatively assess the effectiveness of clinical programs
- Implement and disseminate evaluation findings and/or products to accelerate translation into practice
- Assess operational effectiveness and efficiency using advanced analytics and systems engineering methodologies
- Assess the economic efficiency of clinical programs including ROI and cost effectiveness analysis

# Working with NavLab: What to Expect

Needs Assessment Introductory meetings are held to understand the project scope and to define evaluation questions.

Project Development A scope of work is drafted, data sources are identified, and a timeline and a list of deliverables are defined. Next an analytic plan is routed to the IRB for approval.

Data Acquisition After review by project partners and review and approval from the IRB, data are acquired and clinically and operationally validated.

Execution of Evaluation

Preliminary analyses are conducted and initial findings are shared with the partner. Feedback is solicited, which informs revisions of the data analyses.

Reporting and Dissemination

Final results are presented to the partner and other stakeholders as appropriate.

Dissemination efforts are then initiated beyond the immediate health system stakeholders.

