

HCSRN Annual Conference

St. Louis Missouri

What Can We Learn from Early Adopters of the Learning Health System Model to Transform Care and Improve Outcomes at a National Scale?

Optimizing Collaborations to Advance Health In a Dynamic Research Landscape

Meet HCSRN in St. Louis
April 8-10 2025
FOR THE 2025 ANNUAL CONFERENCE
health care systems research network

Panelists

- Nico Pronk, HealthPartners Institute
- Eric Wright, Geisinger Research
- Tyler Ross, KP Washington Health Research Institute
- Katherine Sanchez, Baylor Scott & White Health
- Steve Waring, Essentia Institute for Rural Health







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Learning Health System: One Definition, Many Permutations

National Academy of Medicine (NAM) Definition

A learning health system is one in which science, informatics, incentives, and culture are **aligned** for continuous improvement, innovation, and equity—with best practices and discovery **seamlessly embedded** in the delivery process, individuals and families as **active** participants in all elements, and new knowledge generated as an integral by-product of the delivery experience.

2006 Charter, Roundtable on Evidence-based Medicine



In practice, the LHS is...

- An approach
- A mindset (shared purpose, values, behaviors)
- A sociotechnical infrastructure
- A conceptual framework
- An ethos
- A literal system (methods, process, tools, data)
- All of the above



Choose your own adventure?

- Nothing inherently wrong with varying interpretations of what the LHS is or does
- The important thing is finding ways to transform current state from one that is fragmented, misaligned, underperforming, costly, and failing to live up to its potential
- NAM launching its Shared Commitments Initiative to unite around common cause, learn from what's working



NAM Shared Commitments

The Trust Bond in Health & Health Care

Health and health care that is....

ENGAGED	Gives primacy to understanding, caring, and acting on people's goals
SAFE	Deploys verified protocols to safeguard against risk from unintended harm
EFFECTIVE	Applies continuously updated evidence to target goal achievement
EQUITABLE	Advances parity in individual opportunity to reach full health potential
EFFICIENT	Delivers optimal outcomes and affordability for accessible resources
ACCESSIBLE	Provides timely, convenient, interoperable, and affordable services
ACCOUNTABLE	Identifies clear responsibilities, measures that matter, and reliable feedback
TRANSPARENT	Displays full clarity and sharing in activities, processes, results, and reports
SECURE	Embeds safeguards in access, sharing, and use of data and digital/AI tools
ADAPTIVE	Centers continuous learning and improvement in organizational practices

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HealthPartners LHS

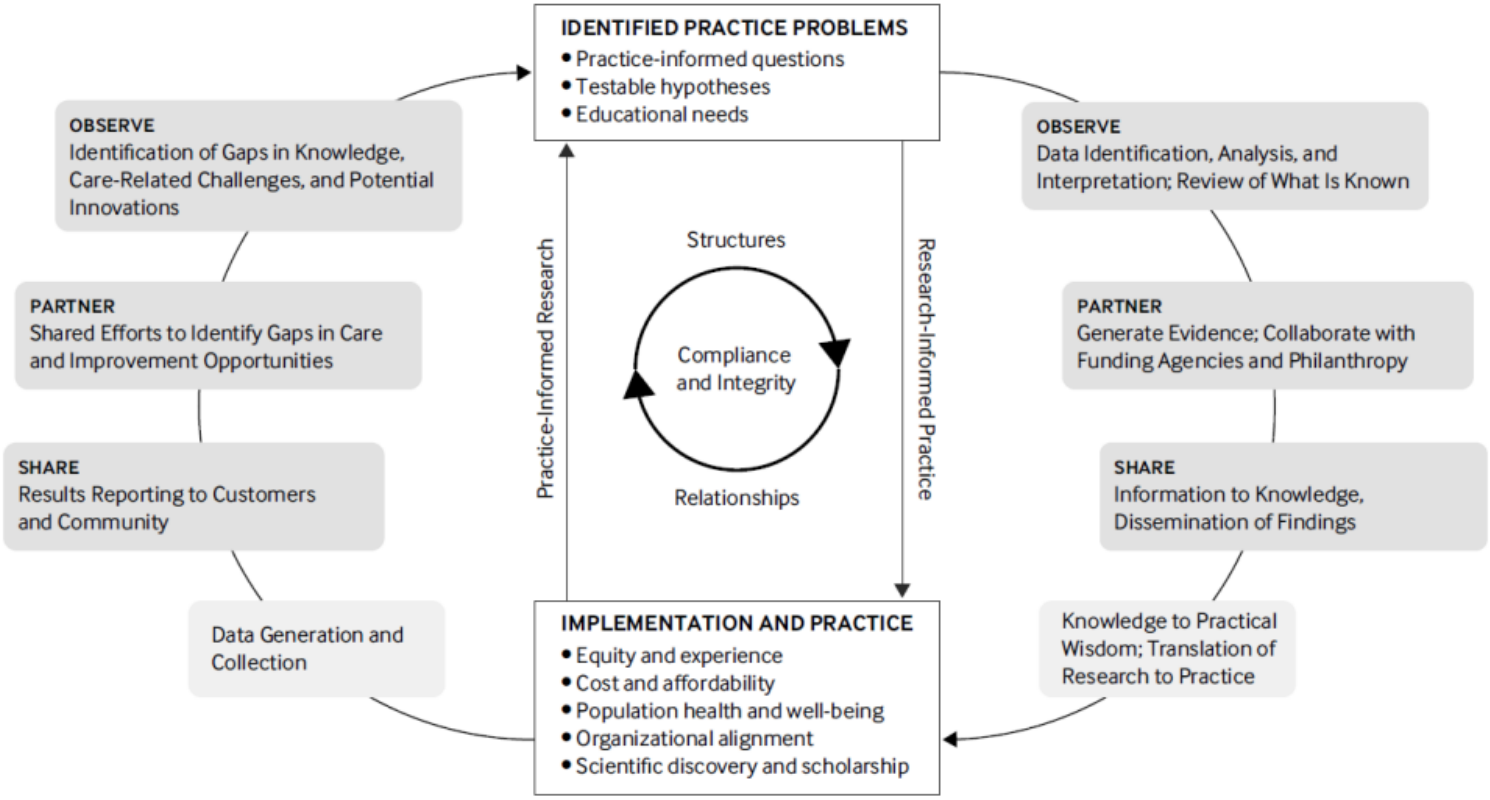
Nico Pronk, PhD
President, HealthPartners Institute
Chief Science Officer, HealthPartners

HCSRN Conference
April 9, 2025





HealthPartners Learning Health System



Source: HealthPartners Institute, 2024

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Pronk, et al. A Learning Health System to Generate and Accelerate Innovation: The HealthPartners Institute. NEJM *Catalyst*, Vol. 5 No. 6 | June 2024.

HCSRN Learning Health Systems Panel

Tyler Ross | April 9, 2025

Kaiser Permanente Washington Health Research Institute

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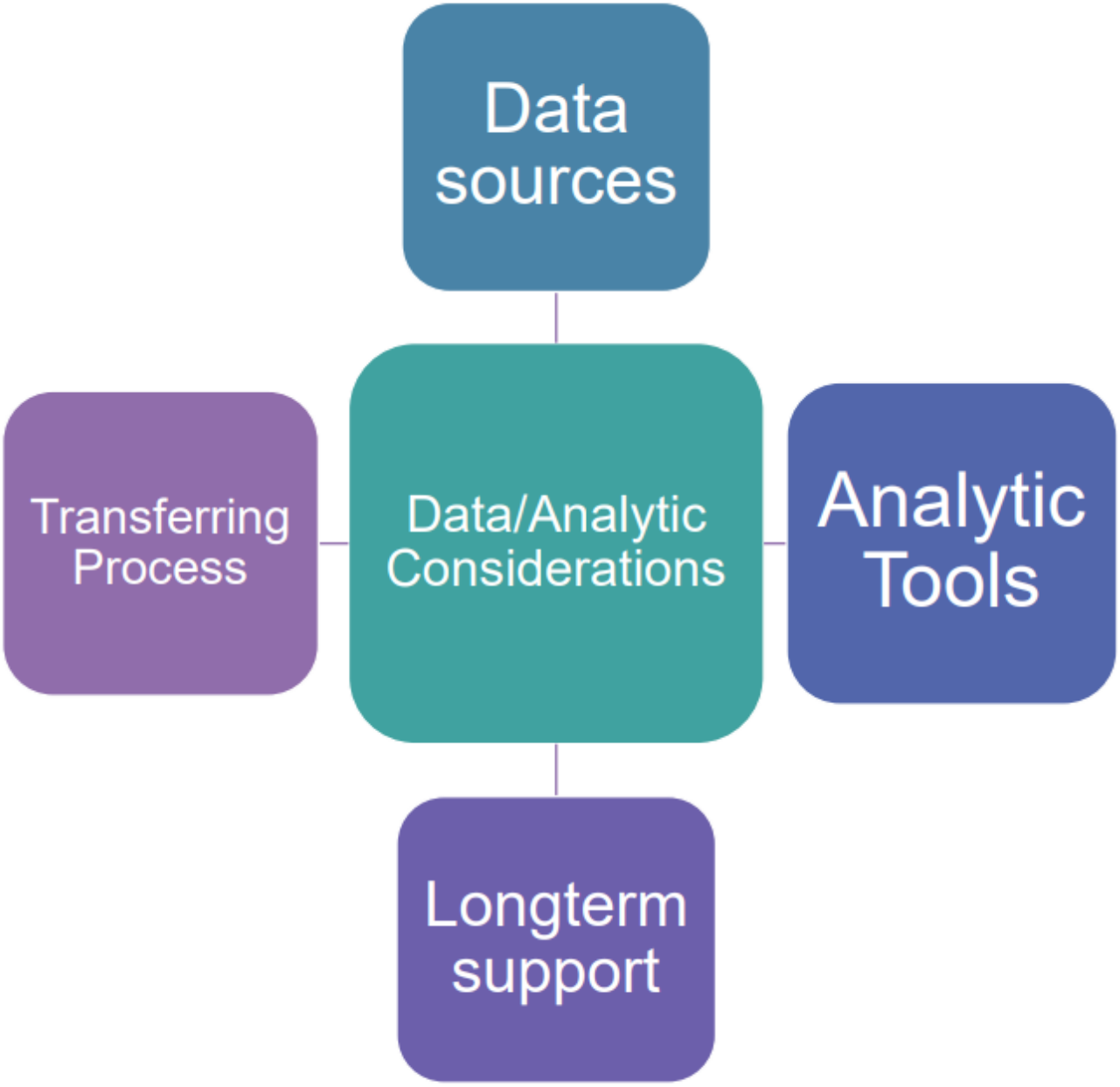

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Katherine Sanchez, PhD, LCSW

PACER Center Director

PACER Center: Patient and Community Engaged Research

- To develop and implement initiatives supporting, facilitating, and fostering inclusion of historically underrepresented patient populations in the research enterprise for BSWRI across BSWH.
- To engage with a diverse team of patients and stakeholders who are representative of the community to ensure the inclusion of patients and community in all clinical research in both the primary care and specialty care settings.
- To guide research in a manner that is appropriate to the scientific question under study and to ensure that research findings can be generalizable to the entire population.
- BSWH is uniquely positioned to recruit and enroll patients from:
- The DFW area served by BSWH in North Texas is a 13-county region with a total population of 7.5M individuals in an extremely dense metropolitan area, with a majority- minority population with 29% Hispanic, 43% White, 17% Black, and 7% Asian.
- The Central Texas region served by BSWH includes an estimated 1.2 million people living in 31 designated rural counties.

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PEARLS: Patients Engaged as Research Leaders

What is Engagement in Research?

The meaningful involvement of patients, caregivers, clinicians, and other healthcare stakeholders throughout the entire research process —from planning the study, to conducting the study, and disseminating study results.



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