

aLHS Bridge Program: Implementation, Dissemination, and Continuous Quality Improvement

Program Overview

To capitalize on our unique organizational strengths in Implementation Science and to overcome the gap between science and practice that threatens the success of an Academic Learning Health System (aLHS), we will develop and deploy an aLHS Bridge Program. Our aLHS Bridges will integrate and coordinate a suite of activities to support the aLHS and the dissemination and implementation of evidence-based practices. It will build on our expertise in Dissemination and Implementation (D&I) science, pragmatic and adaptive trials, and the CTSI's prior success in integrating academic and clinical missions.

Our mission is to drive excellence in translational science by implementing rigorous evaluation methodologies and fostering a culture of continuous quality improvement within WFUSM. We are dedicated to ensuring that all activities within the CTSI meet research investigator needs, strengthen translational science, and ultimately improve healthcare and health outcomes.

Activities Coordinated by the aLHS Bridge will include:

✔ Continuous Quality Improvement

An essential function of evaluation, and one that complements the functions of monitoring, strategic learning, testing, and providing evidence of a program's scientific output and influence, as well as clinical, community, economic, and policy benefits.

✔ Dissemination Accelerator

Provide support, resources, and consultation on best-practices for dissemination of knowledge about projects supported by CTSI services and their resulting outputs such as scientific products and publications.

✔ Implementation Science Shared Resource

Provide consultation on implementation study design; integration of theories, models, and frameworks; implementation planning; qualitative and mixed methods research; stakeholder engagement; and participatory research.

✔ Implementation Accelerator

Will be an online data resource characterizing our clinics and hospitals according to features (i.e. structural aspects, aggregate patient characteristics, prior experience in research and health system improvement, readiness to change) that are likely to impact adoption, implementation, and sustainment of new care strategies.

✔ aLHS Project Prioritization

Support efforts of the Clinical and Academic Oversight Council (CAOC) to prioritize potential aLHS projects and to identify efficacious practices and policies that are ripe for implementation.

✔ aLHS Embedded Scholars

Work with the CAOC and clinical service lines to establish a cadre of Embedded Scholars (i.e., methodologically trained investigators who work within a service line to improve care delivery and whose effort is supported by a mix of health system and external funding).

Program Outcomes

The aLHS Bridge Program Team will use implementation and evaluation findings to engage leaders in critical analysis and strategic thinking to address potential gaps and consider higher-order questions about future directions.

Contact

Alexandra Peluso

✉ apeluso@wakehealth.edu