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**ICTR’s Learning Health Systems Partnership with UW Health:**

**Igniting Improvements through Data Science, Pragmatic Trials, and Cross-Discipline Collaboration**

 **Goals:**

* **Educate** UW Health clinical faculty and UW-Madison researchers about the benefits and opportunities that ICTR’s Learning Health Systems Collaboratory approach brings to address the quintuple aims of health care.
* **Motivate** UW-Madison clinical faculty and researchers to explore avenues for connecting their research interests, work and priorities to UW Health’s strategic priorities.
* **Encourage** clinical faculty to bring an LHS framework and UW ICTR resources to their work and consider the possibility of submitting a letter of intent to apply for the 2025 Demonstration Project.

**When:** Friday, January 17th

**Where:** HSLC 1244 (there will be a virtual option as well)

**Time:**  11:00 am – 1:00 pm

**Agenda**

**11-11:10 The ICTR LHS Approach: Opportunity, Scope and Impact** – Majid Afshar, John Long

*This introduction recounts the vision of the LHS program, the opportunities presented by the partnership with UW Health, and key impacts already made in its short history.*

**11:10-11:30 Pragmatic Trial Operations (PTOps) to Learn from What We Do and Do What We Learn: Integrating Research into Health Operations—**Majid Afshar, Felice Resnik, Joel Gordon, Jason Dambach

*Close collaboration between UW Health IS-Operations and ICTR LHS Research teams is the lynchpin of effective implementation with a large-scale LHS project such as UW Health’s Ambient Listening project. Discussion includes strategies for securing stakeholder buy-in; project design to align operational and research goals/metrics/timelines; creating workstream groups to assess needs, set up and monitor project activity; and best practices for scale-up of a sustainable learning health systems project.*

**11:30-11:50 Systems Engineering for Workflow Optimization: Research Grade-Analytics**—Hanna Barton, Sabrina Adelaine, Brian Patterson

*The multi-disciplinary approach and mixed-methods research design of the LHS Predictive ED to Inpatient Bed demonstration project generated myriad insights and innovations that can serve as best practices for LHS projects. In particular, the project’s cross-institutional implications and lessons learned inform the opportunities and challenges of managing change within and across learning health systems.*

**11:50-12:10 Implementing an Effective LHS Project** –Sara Westergaard, Jordan Overfelt, Anne Gravel Sullivan

*What makes for a successful LHS project, whether it’s for a large-scale outpatient or localized inpatient intervention? 2024 LHS Demonstration Project awardee Sara Westergaard shares the strategies she used in her winning inpatient project design, while Jordan Overfelt discusses best practices and lessons learned from the PCORI-funded UW Health Systems Implementation Initiative (HSII) award for Primary Care.*

**12:10-12:35 LHS Sustainment Proposal Exercise** –Facilitator: Anne Gravel Sullivan

**12:35-1:00 Attendee Q&A/Discussion** – Moderator: Anne Gravel Sullivan