11th Annual

Conference on the Science of Dissemination and Implementation in Health

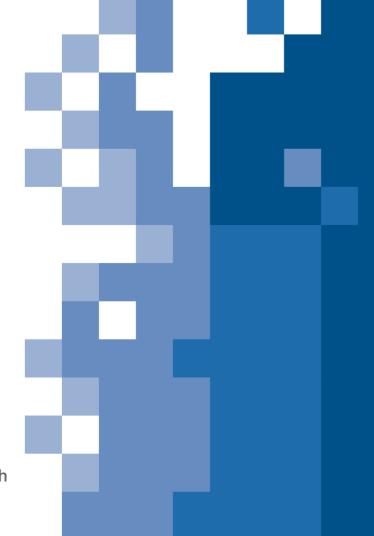
Co-Hosted by the National Institutes of Heath and AcademyHealth

How learning health systems can make real the promise of embedded pragmatic research

Leah Tuzzio, Amy Kilbourne, Katie Coleman, Christian Helfrich Wednesday, December 5, 2018 8:15 – 9:45 AM







A new context for translating evidence into everyday practice







What is a learning health system (LHS)?

ADJUST EVALUATE Use evidence to influence continual Collect data and analyze results to improvement. show what works and what doesn't. DISSEMINATE In a learning Share results to improve care health care system, for everyone. research influences practice and practice influences **IMPLEMENT** INTERNAL AND EXTERNAL SCAN research. Identify problems and potentially Apply plan innovative solutions. in pilot and control settings. DESIGN Design care and evaluation based on evidence generated here and elsewhere. Internal External

Greene, SM et al. Annals of Internal Medicine (2012)





LHSs: Where research meets clinical practice



Studies occur in everyday practice settings.



Scientists, clinicians, and administrators work together.



EMRs that collect data during routine care.





How do LHSs and pragmatic research harmonize?



Study broad populations and relevant questions



Align research with health system goals



Turn evidence into sustained improvements



Reduce delays in translating research into better health

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Overview of panel presentations



Health Care Systems Research Collaboratory







