

USC Gehr Family Center for Health Systems Science and Innovation

Keck Medicine of USC

Vision:

We advance healthcare delivery by building collaborative relationships across our campus and the wider community through the application of improvement science. We promote high-quality, evidence-based and equitable care for all patients in our health system, the local community, nationally, and internationally.

Mission:

We support multidisciplinary efforts dedicated to improving quality outcomes by accelerating the adoption of high-value and equitable healthcare through science, advocacy and education:

- 1) *Delivery Science:* We aim to facilitate implementation of evidence-based practice to bridge the gap between science and real-world healthcare delivery. We collaborate with our stakeholders to support implementation of evidence-based care delivery and the evaluation of this work.
- 2) *Evidence Based Advocacy:* We promote the translation of science into healthcare delivery and policy reform by disseminating strategies for improving patient care.
- 3) *Education:* We educate providers, policy makers and students in health systems science, and mentor future leaders. We also create a network of individuals who are interested in exchanging ideas about healthcare delivery. We develop and share prospective documents and cite trending information on blog posts and other relevant social media.
- 4) *Learning Health System:* We support continuous quality improvement and system innovation at Keck Medicine of USC by providing thought leadership, scholarly guidance and technical support.

Guiding Principles:

- Our interventions are evidence-based and aimed at improving the health of all populations, particularly vulnerable individuals, families and communities.
- Our innovations are sustainable in real-world settings.
- Efforts decrease disparities in the quality, accessibility and efficiency of care.
- Studies aim to maximize generalizability.
- Projects engage the Los Angeles community.
- Gehr faculty, affiliates and trainees are scholarly partners in researching and solving complex medical cases and are policy advocates.
- Our work is additive to the global health databases; supporting knowledge, processes, and policies that will improve health globally.

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Our Accomplishments

Since 2015 when the two parent centers that now comprise the Gehr Center for Health Systems Science & Innovation were formed, our team has:

- Published dozens of peer-reviewed original research articles (<https://gehrcenter.usc.edu/original-research/>).
- Written a variety of thought-pieces for blogs and medical journals (<https://gehrcenter.usc.edu/perspectives/>).
- Implemented numerous health system innovations and improvements at Keck Medicine of USC.
- Enhanced the health systems science environment on campus through a medical student health policy curriculum, a summer student innovators program and a campus speaker series.
- Served in leadership and advocacy roles for a variety of committees and policy groups on campus, in our community, nationwide and internationally.