Bio

Dr. Milstein is a Professor of Medicine and directs the Clinical Excellence Research Center at Stanford University. The Center discovers and demonstrates in multi-state locations scalable innovations in clinical process and in bedside applications of machine intelligence that lower the cost of high-quality healthcare.

Before joining Stanford's faculty, he created and globalized a healthcare performance improvement firm, co-founded three nationally influential public benefit initiatives including the Leapfrog Group, served as a Congressional MedPAC Commissioner and was elected to the National Academy of Medicine (NAM).

ACADEMIC APPOINTMENTS

• Professor, Medicine - Primary Care and Population Health

LINKS

• Clinical Excellence Research Center: http://cerc.stanford.edu

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Design and national demonstration of innovations in care delivery that provide more with less. Informed by research on AI-assisted clinical workflow, positive value outlier analysis and triggers of loss aversion bias among patients and clinicians.

Research on creation of a national index of health system productivity gain.

Teaching

COURSES

2017-18

• Leading Value Improvement in Health Care Delivery: SOMGEN 275 (Aut)
2016-17
• Leading Value Improvement in Health Care Delivery: SOMGEN 275 (Aut)

2015-16
• Leading Value Improvement in Health Care Delivery: SOMGEN 275 (Aut)

2014-15
• Leadership and Strategies for Health Care Delivery Innovation: SOMGEN 275 (Aut)

STANFORD ADVISEES
Postdoctoral Research Mentor
Myra Altman, Brian Brady, Kendell Cannon, Chuan-Mei Lee, Danielle Rochlin, Claudia Scheuter

Publications

PUBLICATIONS

• Improving the Value of Medical Care for Patients with Back Pain. Pain medicine (Malden, Mass.)
  2017

• Redesigning Cancer Care Delivery: Views From Patients and Caregivers. Journal of oncology practice
  2017; 13 (4): e291-e302

• Reply to E.C. Winkler et al. Journal of clinical oncology
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• Predicting patient 'cost blooms' in Denmark: a longitudinal population-based study. BMJ open
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• Association Between the Birth of an Infant With Major Congenital Anomalies and Subsequent Risk of Mortality in Their Mothers JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION
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• Opportunities to Improve the Value of Outpatient Surgical Care AMERICAN JOURNAL OF MANAGED CARE
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• Better health, less spending: Redesigning the transition from pediatric to adult healthcare for youth with chronic illness. Healthcare (Amsterdam, Netherlands)
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• The Financial Effect of Value-Based Purchasing and the Hospital Readmissions Reduction Program on Safety-Net Hospitals in 2014: A Cohort Study. Annals of internal medicine
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• ACO model should encourage efficient care delivery. Healthcare (Amsterdam, Netherlands)
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• The Effect of Moving Carpal Tunnel Releases Out of Hospitals on Reducing United States Health Care Charges. journal of hand surgery
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• Posttraumatic stress disorder and cancer risk: a nationwide cohort study. *European Journal of Epidemiology*
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• Redesigning Advanced Cancer Care Delivery: Three Ways to Create Higher Value Cancer Care. *Journal of Oncology Practice / American Society of Clinical Oncology*
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Ehrenstein, V., Muenster, A. B., Milstein, A., Adler, N. E., Sorensen, H. T.
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• Time-driven activity-based costing of multivessel coronary artery bypass grafting across national boundaries to identify improvement opportunities: study protocol. *BMJ open*
Erhun, F., Mistry, B., Platchek, T., Milstein, A., Narayanan, V. G., Kaplan, R. S.
2015; 5 (8)

• Associations between stress disorders and cardiovascular disease events in the Danish population. *BMJ open*
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• Better Health, Less Spending Delivery Innovation for Ischemic Cerebrovascular Disease. *Stroke*
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• California Safety-Net Hospitals Likely To Be Penalized By ACA Value, Readmission, And Meaningful-Use Programs. *Health Affairs*
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• Professional organizations’ role in supporting physicians to improve value in health care. *JAMA*
Marcotte, L., Moriates, C., Milstein, A.
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• Safety in Numbers: The Development of Leapfrog’s Composite Patient Safety Score for U.S. Hospitals. *Journal of Patient Safety*
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