Arnold Milstein
Professor of Medicine (General Medical Discipline)
Medicine - Primary Care and Population Health

CONTACT INFORMATION
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Bio
Dr. Milstein is a Professor of Medicine and directs Stanford's Clinical Excellence Research Center. The Center designs and demonstrates in diverse locations scalable health care delivery innovations that provide more with less.

Before joining Stanford's faculty, he created a national healthcare performance improvement firm and co-founded three nationally influential public benefit initiatives, served as a Congressional MedPAC Commissioner, and was elected to the Institute of Medicine (IOM).

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, Francesca Salipur, Claudia Scheuter

Publications

PUBLICATIONS

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

• Reply to E.C. Winkler et al. Journal of clinical oncology
  Kaplan, R. M., Milstein, A.
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• Predicting patient 'cost blooms' in Denmark: a longitudinal population-based study. BMJ open
  Tamang, S., Milstein, A., Sørensen, H. T., Federsen, L., Mackey, L., Betterton, J., Janson, L., Shah, N.
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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)
  2016; 4 (1): 57-68

• 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
- Redesigning Advanced Cancer Care Delivery: Three Ways to Create Higher Value Cancer Care. *Journal of oncology practice / American Society of Clinical Oncology*
  Patel, M. I., Moore, D., Milstein, A.
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  Ehrenstein, V., Muenster, A. B., Milstein, A., Adler, N. E., Sørensen, H. T.
  2015; 23 (5): 931-934

- Body mass index and cognitive function: birth cohort effects in young men. *Obesity*
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  2015; 23 (5): 931-934

- Safety-Net Hospitals More Likely Than Other Hospitals To Fare Poorly Under Medicare's Value-Based Purchasing *HEALTH AFFAIRS*
  2015; 34 (3): 398-405

- 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*
  2015; 5 (12)

- Better Health, Less Spending Delivery Innovation for Ischemic Cerebrovascular Disease *STROKE*
  Kalanithi, L., Tai, W., Conley, J., Platchek, T., Zulman, D., Milstein, A.
  2014; 45 (10): 3105-?

- California Safety-Net Hospitals Likely To Be Penalized By ACA Value, Readmission, And Meaningful-Use Programs *HEALTH AFFAIRS*
  2014; 33 (8): 1314-1322

- Professional organizations' role in supporting physicians to improve value in health care. *JAMA*
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- Transforming cancer care: are transdisciplinary approaches using design-thinking, engineering, and business methodologies needed to improve value in cancer care delivery? *Journal of oncology practice / American Society of Clinical Oncology*
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Becker, E., Hockenberry, J., Bae, J., Avgar, A., Lui, S., Wilson, I., Milstein, A.
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Platchek, T., Rebiter, R., Zulman, D., Milstein, A.
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• Professional Organizations' Role in Supporting Physicians to Improve Value in Health Care JAMA
Marcotte, L., Morigates, C., Milstein, A.
2014

• How the Pioneer ACO Model needs to change: lessons from its best-performing ACO. JAMA-the journal of the American Medical Association
Toussaint, J., Milstein, A., Shortell, S.
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• Our Failure to Curb Excessive Testing ARCHIVES OF INTERNAL MEDICINE
Kassirer, J. P., Milstein, A.
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Mehrotra, A., Hsuy, P. S., Milstein, A., Hibbard, J. H.
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• Innovations in Care Delivery to Slow US Health Spending Growth JAMA
Milstein, A., Shortell, S
2012

• Our Failure to Curb Excessive Testing Archives of Internal Medicine
Milstein, A., Kassirer, J
2012

• The $640 Billion Question - Why Does Cost-Effective Care Diffuse So Slowly? NEW ENGLAND JOURNAL OF MEDICINE
Fuchs, V. R., Milstein, A.

• Hospital adoption of automated surveillance technology and the implementation of infection prevention and control programs AMERICAN JOURNAL OF INFECTION CONTROL
Halpin, H., Shortell, S. M., Milstein, A., Vanneman, M.
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  Miller, T. P., Brennan, T. A., Milstein, A.
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