Reducing the Cost of Great Care: Pathways to Value

Clinical Excellence Research Center
Stanford University
School of Medicine

Co-Chairs of Event
Dr. Arnold Milstein, Dr. Kevin Schulman, and Dr. Nirav Shah

Organizer
Dr. James J. Gillespie

Location
632 N. Dearborn St.

Host and Sponsor
Sterling Bay Companies LLC

April 24, 2019
8:00AM - 4:30PM
Chicago, IL, USA
Clinical Excellence Research Center

The first university-based research center exclusively dedicated to discovering, testing, and evaluating cost-saving innovations in clinically excellent care. Our research seeks more affordable ways to deliver better care for conditions consuming the bulk of the country's healthcare spending.
A Message From Our Director

"Federal creditworthiness and therefore American prosperity now hinge on continuously attaining better health with less health spending. By rapidly mobilizing emerging science and technology from engineering, management, and medicine, the Clinical Excellence Research Center will enable Stanford to help solve a seemingly intractable national challenge."

-Arnold Milstein, MD, MPH

Dr. Milstein founded CERC after two decades of improving healthcare value in the private sector and advising the White House and Congress. He is now training America's next generation of healthcare innovators to remove wasteful and dangerous inefficiencies that ail the U.S. health-care system.
Agenda

8:00am - 9:00am  Registration and Breakfast

9:00am - 9:10am  Opening Remarks
  Dr. James Gillespie | Advisor & Consultant, CERC
  Mr. Andrew Gloor | CEO, Sterling Bay Companies

9:10am - 9:35am  “Innovation, Complexity, and Time”
  Dr. Nirav Shah | Senior Scholar, CERC

9:35am - 10:00am  Coffee Break

10:00am - 10:55am  “Why hasn’t Digital Technology Transformed Healthcare Delivery?”
  Dr. Kevin Schulman | Professor of Medicine
  School of Medicine, Stanford University

11:00am - 11:45am  Ignite Talks
  Dr. Marie Johnson | CEO, Cardiovascular Inc.
  Ms. Mindi Knebel, CEO, Kaizen Health
  Dr. Ari Levy | CEO, Shift
  Dr. Danish Nagda | CEO, Resilient
  Mr. David Ormesher | CEO, closerlook Inc.
  Ms. Carla Robinson | CEO, Canary Telehealth

12:00pm - 12:45pm  Lunch | Networking | Topic Tables

1:00pm - 1:45pm  “Caring for the Caregivers: Implications for Healthcare Cost, Quality, and Access”
  Dr. Nirav Shah | Senior Scholar, CERC

1:45pm - 2:30pm  “Tactical Applications of AI to Drive Value and Transform Health”
  Dr. Jia Li | AI Fellow, Department of Medicine
  School of Medicine, Stanford University

2:30pm - 3:00pm  Coffee Break

3:00pm - 3:55pm  Reactor Panel
  Moderated by Dr. James Gillespie & Dr. Kevin Schulman
  Dr. Catrina Funk, MD | CMO, Stanson Health, a Premier Company
  Dr. Blackford Middleton, MD | Chief Informatics and Innovation Officer, Aperivita Inc
  Dr. Erika Pabo, MD | CHO, Humana Edge, Humana
  Dr. Sumant Ramachandra, MD, PhD | Chief Science & Technology Officer, Baxter International
  Mr. Glenn Thomas | Chief Marketing Officer, GE Healthcare
  Dr. John Whyte, MD | CMO, WebMD

3:55pm - 4:00pm  Concluding Remarks

4:00pm - 4:30pm  Networking
Distinguished Stanford Faculty Participants

Kevin Schulman, MD, MBA
Dr. Schulman was appointed as Professor of Medicine, Associate Chair of Business Development and Strategy in the Department of Medicine, Director of Industry Partnerships and Education for the Clinical Excellence Research Center (CERC) at the Stanford University School of Medicine, and, by courtesy, Professor of Economics at Stanford’s Graduate School of Business in June, 2018. Dr. Schulman’s research interests include organizational innovation in health care, health care policy and health economics. With 300 original articles, 80 review articles/commentaries, and 40 case studies/book chapters, Kevin Schulman has had a broad impact on health policy (h-index = 61). His peer-reviewed articles have appeared in the New England Journal of Medicine, JAMA, and Annals of Internal Medicine. He is a member of the editorial/advisory boards of the American Heart Journal, Health Policy, Management and Innovation, and Senior Associate Editor of Health Services Research.

Nirav Shah, MD, MPH
Dr. Nirav Shah is a Senior Scholar at Stanford University’s Clinical Excellence Research Center. He is a leader in patient safety and quality, innovation and digital health, and the strategies required to transition to lower-cost, patient-centered health care. Board-certified in Internal Medicine, Dr. Shah is a graduate of Harvard College and Yale School of Medicine, and is an elected member of the National Academy of Medicine. Dr. Shah serves as an independent director for STERIS plc, as an Advisor to Deerfield Management, and as a trustee of The John A. Hartford Foundation. He is a Senior Fellow of the Institute for Healthcare Improvement (IHI), and helps set the health priorities for the United States as a member of the HHS Secretary’s Advisory Committee on National Health Promotion and Disease Prevention Objectives for 2030. Previously, he served as senior vice president and Chief Operating Officer for clinical operations for Kaiser Permanente in Southern California, and as Commissioner of the New York State Department of Health.

Jia Li, PhD
Dr. Jia Li is an AI Fellow and Adjunct Professor at Stanford University in the School of Medicine. In healthcare, she is interested in how AI could improve the outcomes of individual patients as well as hospitals. Dr. Li was the Head of R&D of Google Cloud AI and President of the Google AI China Center. Her work focus is on both research innovation to solve real world problems and developing the full stack of AI products on Google Cloud to power solutions for diverse industries. Before joining Google, she was the Head of Research at Snap, leading the research innovation effort. Before Snap, Dr. Li led the Visual Computing and Learning Group at Yahoo! Labs. In 2014, she was selected to receive the Super Star award at Yahoo!, the highest award at the company. She was also awarded the Master Inventor Award for her innovations in AI/ML. Dr. Li received her Ph.D. degree from the Computer Science Department at Stanford University. She is serving on the Computer Vision Foundation Industrial Advisory Board and as the Associate Editor of the Visual Computer: International Journal of Computer Graphics by Springer. Her work has been reported in the media including, MIT Technology Review, CNBC, TechCrunch, New Scientist, and Forbes.
Industry Affiliates Program

Innovation to Lower the Cost of Better Health
Help us improve health care by supporting our interdisciplinary research and education programs. At the nexus of medicine, engineering and management, discoveries are emerging that create a generational opportunity to lower the cost of better health in the US and globally. The CC Industry Affiliates Program offers a unique opportunity for companies to engage in rapidly mobilizing emerging science and technology aimed at lowering the cost of better health.

- Help to pinpoint the knowledge gaps that most greatly impede healthcare innovation
- Learn about the cutting-edge discoveries to address those gaps
- Transfer learnings for rapid scaling
- Make impactful connections with thought leaders from Stanford and across the industry.

A Laser Focus on Tangible Outcomes
Two Stanford research units collaboratively engage in this Industry Affiliates Program -

Partnership in AI-Assisted Care (PAC)
A collaboration between the Schools of Medicine and Engineering focused on cutting edge computer vision and other computational methods to ensure that health-critical intended care activities are in fact delivered to patients.

Clinical Excellence Research Center (CERC)
Focused on reducing the national burden of health care costs through investigation of the distinguishing attributes of “Bright Spots” clinical teams that considerably outperform national peers on measures of value to patients.

A Multi-disciplinary Team
Arnold Milstein, MD, MPH | Professor of Medicine and Director of CERC
Fei Fei Li, PhD | Professor of Computer Science and Director of Stanford’s AI and Vision Labs
Kevin Schulman, MD, MBA | Professor of Medicine, Prof. of Economics
Brent James, MD | Professor of Medicine, and former Executive Director of the Institute for Health Care Delivery at Intermountain Healthcare
Nirav Shah, MD | Senior Scholar, and former New York State Health Commissioner
Jia Li, PhD | AI Fellow, Adjunct Professor of Medicine
Frontier of AI-Assisted Care (FAC) Scientific Symposium

Stanford, CA | September 18 - 19, 2019

Symposium Overview
The Frontier of AI-Assisted Care (FAC) Scientific Symposium aims to accelerate progress in methods and applications of artificial intelligence (AI) that enable excellent healthcare at a lower cost, by convening the most accomplished university and industry research teams. The symposium is co-hosted by Stanford faculty members Fei Fei Li and Arnold Milstein, with the generous support of the Gordon and Betty Moore Foundation, the National Science Foundation, Nature Medicine and Stanford Human-Centered AI.

Our purpose is to promote collaboration among researchers sharing the vision of a computer-assisted, rapid learning healthcare system that eliminates what the National Academies describe as “a chasm” between potential and actual efficiency and quality of care.

The symposium content will be based upon submitted abstracts. Abstracts will be assessed by the editorial team of Nature Medicine and its scientific committee. In six topic areas (see below) we will invite an author of the winning abstract to give a 10-minute presentation. The 2nd and 3rd place winners will be invited to the stage for a moderated discussion. Submissions will have the opportunity to present a poster.

https://med.stanford.edu/frontierofaicare.html
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