

BIOGRAPHICAL SKETCH

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NAME: Asch, Steven M.

eRA COMMONS USER NAME (credential, e.g., agency login): smasch

POSITION TITLE: Director of HSR&D Center for Innovation to Implementation and Associate Chief of Staff for Clinical Effectiveness, VA Palo Alto Health Care System; Co-Chief and Professor, Division of Primary Care and Population Health, Stanford University

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.*)

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
Yale University	B.S.	06/1984	Biology
University of California, San Diego	M.D.	06/1988	Medicine
University of California, Irvine	Residency	06/1991	Primary Care Internal Medicine
UCLA School of Public Health	M.P.H	06/1994	Epidemiology
UCLA Robert Wood Johnson Clinical Scholar	Fellowship	06/1994	
American Board of Hospice and Palliative Medicine	Certificate	06/2003	

A. Personal Statement

My research focuses on improving the value of health care by fostering innovations that increase access and quality at a reasonable cost. I currently lead more than 100 health services researchers and staff at the Palo Alto VA Center for Innovation to Implementation (Ci2i) and the Stanford Division of Primary Care and Population Health. I have served as principal investigator on over 20 projects from VA, AHRQ, and other sources. These include several national projects developing broad-based quality measurement tools for veterans, Medicare beneficiaries, and communities. My research spans a variety of chronic communicable medical conditions, and is most often conducted in partnership with policymakers or operational leaders to ensure relevance. In addition, my educational efforts are focused on training physician fellows in health services research. Time and effort statement: Research = 80%, Research Administration = 10%, Clinical = 10%

B. Positions and Honors**Positions and Employment**

- 1994- Consultant, RAND Health Sciences Program, Santa Monica, CA
- 2002-2011 Assistant, Associate, then Professor of Medicine, UCLA School of Medicine, Los Angeles, CA
- 2011- Professor of Medicine, Stanford University, Stanford, CA
- 2011- Director, Center for Innovation to Implementation (formerly Center for Health Care Evaluation), VA Palo Alto Health Care System, Menlo Park, CA
- 2011- Associate Chief of Staff of Clinical Effectiveness, VA Palo Alto Health Care System, Palo Alto, CA
- 2015- Vice-Chief, Stanford Division of Primary Care and Population Health, Stanford, CA

Other Experience and Professional Membership

1999-2013	Member then Chair, VA HSR&D Scientific Merit Review Board (SMRB)
2003-2011	Associate Director, UCLA Robert Wood Johnson West Haven Clinical Scholar's Program
2006-	Steering Committees, VA Salt Lake City and Center of Innovation
2008-2013	RWJ Physician Faculty Scholars Program National Advisory Committee

Honors

1987	Baird Hastings Society, UCSD Medical School's Honor Society, San Diego, CA
1992	Awarded RWJ Clinical Scholarship
1997, 2000, 2001	VA Health Services Career Development Award
2004	Article of the Year, Academy Health
2004	Presidential Early Career Scientists and Engineer Award (PECASE)
2004	Fellow American College of Physicians
2007	Clinical-Investigator Award, Society of General Internal Medicine, Western Region

C. Contributions to Science

(selected from >300 peer reviewed publications, see <https://med.stanford.edu/profiles/steven-asch>)

Measurement of Quality and Access: I began my career investigating how best to measure patients' access to care and the quality of the care they receive once they are engaged. We built and tested systems that used combinations of structured electronic and narrative clinical data to assess these areas, using the RAND UCLA appropriateness method to construct the standards. We then looked at the patient, provider and system level predictors:

- **Asch SM**, Sloss EM, Hogan C, Brook RH, Kravitz RL. Measuring Underuse of Necessary Care Among Elderly Medicare Beneficiaries Using Inpatient and Outpatient Claims. *Journal of American Medical Association*. 2000. 284(18): 2325-2333.
- McGlynn EA, **Asch SM**, Adams J, Kessey J, Hicks J, DeCristofaro A., Kerr EA. The Quality of Healthcare Delivered to Adults in the United States. *New England Journal of Medicine*. 2003. 348:2635-45.
- **Asch SM**, McGlynn EA, Hogan MM, Hayward RA, Shekelle P, Rubenstein L, Keesey J, Adams J, Kerr EA. Comparison of Quality of Care for Patients in the Veteran's Health Administration and Patients in a National Sample. *Annals of Internal Medicine*, 2004. Dec 21;141(12):938-45.
- **Asch SM**, Kerr EA, Keesey J, Adams JL, Setodji CM, Malik S, McGlynn EA. Who Is at Greatest Risk for Receiving Poor-Quality Health Care? *New England Journal of Medicine*. 2006. Mar 16;354(11):1147-56.

Implementation Science: I then became interested in testing methods for improving quality taking the organizational context into account. Methods here depend greatly on implementation science but use more traditional health services approaches as well.

- Goetz MB, Hoang T, Knapp H, Burgess J, Fletcher MD, Gifford AL, **Asch SM**; QUERI-HIV/Hepatitis Program. Central Implementation Strategies Outperform Local Ones in Improving HIV Testing in Veterans Healthcare Facilities. *Journal of General Internal Medicine*. 2013 Oct;28(10):1311-7. Epub 2013 Apr 19.
- Bowman CC, Sobo EJ, **Asch SM**, Gifford AL. Measuring Persistence of Implemented Quality Improvement. *Implementation Science*. 2008 April 22. 3(1):21.
- Chen JC, Goetz MB, Feld JE, Taylor A, Anaya H, Burgess J, de Mesa Flores R, Gidwani RA, Knapp H, Ocampo EH, **Asch SM**. A Provider Participatory Implementation Model for HIV Screening in an Emergency Department. *The American Journal of Emergency Medicine*. 2011 May;29(4):418-26. Epub 2010 Apr 2.

Value of Care: More recently I have become interested in how to ensure that the resources we spend in medical care are deployed to maximize health. This is the core interest of the Center I direct and we employ a combination of cost effectiveness and decision analytic techniques as well as more general health economic principles.

- Shrank WH, Fox SA, Kirk A, Ettner SL, Cantrell CH, Glassman P, **Asch SM**. The Effect of Pharmacy Benefit Design on Patient-Physician Communication about Costs. *Journal of General Internal Medicine*. 2006. 21(4):334-9.
- Pinkerton SD, Bogart LM, Howerton D, Snyder S, Becker K, **Asch SM**. Cost of Rapid HIV Testing at 45 US Hospitals. *AIDS Patient Care and STD*. 2010 July; 24(7): 409-413.
- Nuckols TK, Escarce J, **Asch SM**. The Effect of Quality of Care on Costs: A Conceptual Framework. *The Milbank Quarterly*. 2013 Jun;91(2):316-53.
- Zulman DM, Ezeji-Okoye S, Shaw J, Hummel D, Holloway K, Smither S, Breland J, Chardos J, Kirsh S, Kahn J, **Asch SM**. Partnered research in healthcare delivery redesign for high-need, high-cost patients: Development and Feasibility of an Intensive Management Patient Aligned Care Team (ImPACT). *Journal of General Internal Medicine*. 2014 Dec;29(S4):861-9. Epub 2014 Aug.

Vulnerable Populations: I have applied these ideas to many clinical areas, but especially conditions that disproportionately affect vulnerable populations like HIV, HCV, TB and substance use disorder.

- **Asch SM**, Leake B, Anderson R, Gelberg L. Why Do Symptomatic Patients Delay Obtaining Care For Tuberculosis? *Am J Respir Crit Care Med*. 1998. 157(4 Pt 1): 1244-1248.
- Kanwal F, Hoang T, Chrusciel T, Kramer J, El-Serag H, Dornitz J, **Asch SM**. Process of Care for Hepatitis C Infection is Linked to Treatment Outcome and Virologic Response. *Clinical Gastroenterology and Hepatology*. 2010 Nov;10(11):1270-7. Epub 2012 Jul 24.
- Kanwal F, Schnitzler MS, Bacon BR, Hoang T, Buchanan PM, **Asch SM**. Quality of Care in Patients with Chronic Hepatitis C Virus Infection. *Annals of Internal Medicine*. 2010 Aug 17;153(4):231-9.
- Horberg MA, Aberg JA, Cheever LW, Renner P, Kaleba E, **Asch SM**. National and Multi-Agency HIV Quality Measures Development. *Clinical Infectious Diseases*. 2010 Sep 15;51(6):732-8.

Cancer and Palliative Care: I have also applied these ideas to patients facing serious eventually life threatening illness.

- Fineberg IC, Kawashima M, **Asch SM**. Communication with Families Facing Life-Threatening Illness: A Research-Based Model for Family Conferences. *Journal of Palliative Medicine*. 2011 Apr;14(4):421-7. Epub 2011 Mar 8.
- Shugarman LR, Mack K, Sorbero M, Tian Haijun, Jain AK, Ashwood JS, **Asch SM**. Race and Sex Difference in the Receipt of Timely and Appropriate Lung Cancer Treatment. *Med Care* 2009 Jul; 47(7):774-81.
- Ryoo JJ, Ordin DL, Antonio AL, Oishi S, Gould MK, **Asch SM**, Malin JL. Patient Preference and Contraindications in Measuring Quality of Care: What Do Administrative Data Miss? *Journal of Clinical Oncology*. 2013 Jul 20;31(21):2716-23.
- Dy SM, **Asch SM**, Lorenz KA, Weeks K, Sharma RK, Wolff AC, Malin JL. Quality of End of Life Care for Patients with Advanced Care in an Academic Medical Center. *Journal of Palliative Medicine*. 2011 Apr;14(4):451-7. Epub 2011 Mar 10.

D. Additional Information: Research Support and/or Scholastic Performance

Ongoing Research Support

SDR 13-428 (PI Asch, Co-PI Hsieh)
VA HSR&D \$286,014
Career Development Enhancement Initiative

10/01/2014-9/30/2019

The overall objective is to promote and facilitate a community of scholarship among members of the HSR&D CDA community nationwide by expanding mentoring and educational resources and facilitating communication and peer-to-peer interaction among members of the HSR&D CDA community.

TPR62-000 (Co-Directors: Asch, Cronkite, Owens) 7/01/2006-present (ongoing)
VA Office of Academic Affairs
Advanced Fellowship Program in Health Services Research & Development
The goals are to recruit, select and mentor post resident physician and PhD fellows in health services research.
Role: Co-Director

Completed Research Support

HSR&D HX-13-001 (PI: Asch) 10/01/2013-09/30/2018
VAMC
HSR&D Center of Innovation (COIN) Core Support
This funding provides the core support for the Health Services Research and Development Center for Innovation to Implementation (Ci2i)
Role: Center Director

HSR&D HIV 98-001 (PI: Asch and Gifford) 10/01/2008-9/30/2015
VAMC
HIV/Hepatitis QUERI Center Core
The goal of this project is to improve HIV care within the VA.
Role: Co-Director

SDR 13-428 (PI Asch, Co-PI Hsieh) 10/01/2014-9/30/2019
VA HSR&D \$286,014
Career Development Enhancement Initiative
The overall objective is to promote and facilitate a community of scholarship among members of the HSR&D CDA community nationwide by expanding mentoring and educational resources and facilitating communication and peer-to-peer interaction among members of the HSR&D CDA community.
Role: Co-PI

Completed Evaluation Support

Evaluation of Gordon and Betty Moore Foundation ICU Portfolio 05/1/2016-12/16/2016
(PI: Asch and Malcolm)
This project will evaluate clinical efficacy and design of the \$30 million Gordon and Betty Moore Foundation Portfolio, which aimed to improve patient safety and patient and family engagement in intensive care units.
Role: PI

Evaluation of Stanford Cancer Center Transformations Initiative 09/2013-08/2018
This project is using mixed methods to evaluate the implementation and effectiveness of several interventions related to improving access, coordination and patient-centeredness of cancer care.
Role: Project lead

Evaluation of Gordon and Betty Moore Foundation ESRD Redesign 5/1/2017-5/31/2018
Asch and Kruella PIs
This project will prepare an evaluation plan for the Mid-Atlantic Renal Coalition's Pathways Program, a pilot study of palliative care in ESRD.
Role: Co-PI