

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2. Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME A. Mark Fendrick, M.D.		POSITION TITLE Professor	
eRA COMMONS USER NAME (credential, e.g., agency login) amfen			
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
University of Pennsylvania, Philadelphia, PA	B.A.	1982	Economics/Chemistry
Harvard Medical School, Boston, MA	M.D.	1987	Medicine

A. Positions and Honors.

Positions and Employment

- 1993 – 1998 Assistant Professor, Division of General Medicine, Department of Internal Medicine, University of Michigan Medical School, Ann Arbor, MI.
- 1993 – 1998 Assistant Professor, Department of Health Management and Policy, University of Michigan School of Public Health, Ann Arbor, MI.
- 1996 – 2002 Co-Director, Consortium for Health Outcomes, Innovation, and Cost Effectiveness Studies (CHOICES), University of Michigan School of Medicine, Ann Arbor, MI.
- 1998 – 2003 Associate Professor, Division of General Medicine, Department of Internal Medicine, University of Michigan Medical School, Ann Arbor, MI.
- 1998 – 2003 Associate Professor, Department of Health Management and Policy, University of Michigan School of Public Health, Ann Arbor, MI.
- 2003 – present Professor, Division of General Medicine, Department of Internal Medicine, University of Michigan Medical School, Ann Arbor, MI.
- 2003 – present Professor, Department of Health Management and Policy, University of Michigan School of Public Health, Ann Arbor, MI.
- 2006 – present Co-Director, Center for Value-Based Insurance Design, University of Michigan School of Public Health, Ann Arbor, MI.

Honors

- 1995-98 Board of Directors, International Society for Technology Assessment in Health Care
- 1996 American College of Gastroenterology Award for Excellence in Clinical Research
- 1997 Best Poster, 13th Annual Meeting of ISTAHC, Barcelona, Spain
- 2000-02 Board of Directors, International Society for Pharmacoeconomics and Outcomes Research
- 2003-present Co-editor in chief, *American Journal of Managed Care*
- 2004-2006 Society of General Internal Medicine, Research Mentorship Award
- 2009 National Institute for Health Care Management Foundation Health Care Research Award

B. Selected peer-reviewed publications (in chronological order).

1. Carlos RC, **Fendrick AM**, Patterson SK, Bernstein SJ. Associations in breast and colon cancer screening behavior in women. *Academic Radiology*. 2005; 12:451-458.
2. Chey WD, Inadomi JM, Booher AM, Sharma VK, **Fendrick AM**, Howden CW. Primary-Care Physicians' Perceptions and Practices on the Management of GERD: Results of a National Survey. *Am J Gastro*. 2005; 6:100(6): 1237-42.
3. Orringer JS, **Fendrick AM**, Trask PC, Bichakjian CK, Schwartz JN, Wang TS, Karimipour DJ, Johnson TM. Synergistic The Effects of a Professionally-Produced Videotape on Education and Anxiety/Distress Levels for Patients with a New Diagnosis of Melanoma. *J Am Acad Dermatol*. 2005;53 (2): 224-229.

4. Rosen AB, Hamel MB, Weinstein MC, Cutler D, **Fendrick AM**, Vijan S. Cost-Effectiveness of Full Medicare Coverage of Angiotensin-Converting Enzyme Inhibitors for Beneficiaries with Diabetes. *Annals of Int Med*. 2005;143:89-99.
5. Jones E, Vijan S, **Fendrick AM**, Deshpande S, Cram P. Automated external defibrillator (AED) deployment in high schools and senior centers. *Prehospital Emergency Care*. 2005;9:382-385.
6. Carlos RC, **Fendrick AM**, Abrahamse PH, Dong Q, Patterson S, Bernstein SJ. Colorectal Cancer Screening Behavior in Women Attending Screening Mammography: Longitudinal Trends and Predictors. *Women's Health Issues*. 2005;15(6);249.
7. Chey WD, Eswaran S, Howden CW, Inadomi JM, **Fendrick AM**, Scheiman JM. Primary care physician perceptions of NSAID and aspirin-associated toxicity: Results of a national survey. *Alimentary Pharmacology and Therapeutics*. 2006;23(5):655-68.
8. Chernew ME, Rosen AB, **Fendrick AM**. Rising Out-of-Pocket Costs in Disease Management Programs. *Amer J Managed Care*. 2006;12:150-4.
9. Stecker EC, **Fendrick AM**, Knight BP, Aaronson KD. Prophylactic Pacemaker Use to Allow Beta Blocker Therapy in Chronic Heart Failure Patients with Bradycardia. *American Heart Journal*. 2006;151:820-8.
10. Menees S, Carlos RC, Scheiman JM, **Fendrick AM**. Gastroenterologists utilize the referral for EGD to enhance Colon Cancer Screening more effectively than Primary Care Physicians. *Alimentary Pharmacology and Therapeutics*. 2006; 23: 953-62.
11. De Smet BD, **Fendrick AM**, Stevenson JG, Bernstein SJ. Over and under utilization of COX-2 selective inhibitors by primary care physicians and specialists: the tortoise and the hare revisited. *Journal of General Internal Medicine*. 2006;21:694-7.
12. Cram P, Katz D, Vijan S, Kent DM, Langa KM, **Fendrick AM**. Implantable or external defibrillators for individuals at increased risk of cardiac arrest: where cost-effectiveness hits fiscal reality. *Value in Health*. 2006;9(5):292-302.
13. **Fendrick AM**, Chernew ME. Value-based Insurance Design. *American Journal of Managed Care*. 2006;12:SP5-SP10.
14. Chernew ME, Rosen AB, **Fendrick AM**. Value-Based Insurance Design. *Health Affairs* 26, no. 2 (2007): w195-w203 (published online 30 January 2007; 10.1377/hlthaff.26.2.w195)].
15. Chernew ME, Shah MR, Wegh A, Rosenberg SN, Juster IA, Rosen AB, Sokol MC, Yu-Isenberg K, **Fendrick AM**. Impact of Decreasing Copayments on Medication Adherence Within A Disease Management Environment. *Health Affairs*. 27:103-112. 2008.
16. Pan F, Chernew ME, **Fendrick AM**. Impact of fixed-dose combination drugs on adherence to prescription medications. *J Gen Intern Med*. 2008 May;23(5):611-4. Epub 2008 Feb 21.
17. Chernew M, Gibson TB, Yu-Isenberg K, Sokol MC, Rosen AB, **Fendrick AM**. Effects of increased patient cost sharing on socioeconomic disparities in health care. *J Gen Intern Med*. 2008 Aug;23(8):1131-6.
18. Kerber KA, Meurer WJ, West BT, **Fendrick AM**. Dizziness presentations in U.S. emergency departments, 1995-2004. *Acad Emerg Med*. 2008 Aug;15(8):744-50. Epub 2008 Jul 14.
19. Saini SD, Schoenfeld P, **Fendrick AM**, Scheiman J. Cost-effectiveness of proton pump inhibitor cotherapy in patients taking long-term, low-dose aspirin for secondary cardiovascular prevention. *Arch Intern Med*. 2008 Aug 11;168(15):1684-90; discussion 1691.
20. Spaulding A, **Fendrick AM**, Herman WH, Stevenson JG, Smith DG, Chernew ME, Parsons DM, Bruhnsen K, Rosen AB. A controlled trial of value-based insurance design - The MHealthy: Focus on Diabetes (FOD) trial. *Implement Sci*. 2009 Apr 7;4:19.
21. Dalton VK, Harris LH, Clark SJ, Cohn L, Guire K, **Fendrick AM**. Treatment Patterns for Early Pregnancy Failure in Michigan. *J Womens Health (Larchmt)* 2009 May 17.
22. Landsman PB, Smith DG, **Fendrick AM**. Healthcare Utilization in Community- Acquired Pneumonia Episodes of Care: A Comparison Across the Continuum of Managed Care. *Med Care*. 2009 Jul 30.

C. Research Support

Ongoing Research Support

1 K23 RR024009-01 Morgenstern (PI) 09/05/07-07/31/12
 Dizziness in the Emergency Department: A Population-Based Project

The major goal of this Population-Based Project is to establish research to evaluate the benefits and health system issues as they relate to Dizziness in the Emergency Department.

Role: Mentor

PO 4500163965 Fendrick (PI) 10/01/06-12/15/09

Sanofi-Aventis Pharmaceuticals

Center for Value Based Insurance Design

The major goals of this study are to assess the impact of valued-based insurance design

Role: PI

Vanessa Dalton Dalton (PI) 08/01/07-07/31/12

Agency for Health Care Research and Quality

Evaluating Treatment Option and Patterns of Care in Early Pregnancy Failure

The major goals of this study are assess patient preferences and treatment patterns of early pregnancy failure.

Role: Mentor

D1120N00004 Fendrick (PI) 01/16/2009 – 11/30/2009

AstraZeneca, PLC

Implications of Poor Adherence to Gastroprotective Therapy in Patients Receiving Chronic NSAIDs

The major goals of this study are to review literature on treatment recommendations and adherence studies for patients receiving chronic NSAIDs.

Role: PI

U 10HL074422 Martinez (PI) 09/28/2004 – 07/31/2008

National Institute of Health

NCTX through 07/31/2010

Strategies to Prevent Chronic Obstructive Pulmonary Disease (COPD) Exacerbation

The goal of this project is to create a research network of clinical centers with expertise in managing chronic airflow obstruction.

Role: Mentor

Completed Research Support

NIH R01 CA107383 Northouse (PI) 09/01/04-08/31/09

Outcomes of Triaged Family Care in Advanced Cancer

The major goals of this study are to determine if cancer patients and their caregivers who receive a family intervention report higher quality of life than those who receive standard care.

Role: Co-Investigator

HHS/NIH K12 RR017607 Schteingart (PI) 09/01/03- 06/30/08

Michigan Mentored Clinical Scholars Program

The major goals of this study are to train physicians and other healthcare professionals in clinical research which augments the K30 Training Program in Clinical Research.

Role: Advisory committee

K08 EY014023 Kemper (PI) 05/01/03 – 06/30/08

National Eye Institute Mentored Clinical Scientist Development Award 1

Preschool Vision Screening in Primary Care Settings.

The major goal of the study is a Career Development Award to establish research agenda to evaluate the benefits and health system issues as they relate to Preschool Vision Screening in Primary Care Settings.

Role: Mentor

K30 HL04108 Schteingart 06/01/05 - 06/30/08

NIH/NHLBI

University of Michigan Training Program in Clinical Research

The major goals of this study are to train physicians and other healthcare professionals in clinical research. The program involves courses in biostatistics, specialized clinical research seminars, a mentored clinical research project and monthly discussions of research work by the trainees.

Role: Advisory committee

Chernew (PI)

12/15/04-12/14/06

Pfizer, Inc.

Evaluating Copay Changes at Marriot: Assessing the impact CAD (Coronary Artery Disease) patients
The major goals of this study are to evaluate the impact of copays on CAD patients.

Role: Co-Investigator

NIH-NIDDK 2 P30 DK34933-16 Owyang (PI)

12/01/00-11/30/05

Gastrointestinal Hormone Research Core Center.

This grant funds seven core laboratories, program enrichment activities, and pilot feasibility projects.

Role: Core Investigator

AHRQ 1 R03 HS013048 Chernew (PI)

09/01/04 – 08/31/05

The Role of Technology in Health Care Cost Growth

The major goals of this study are to better understand the clinical conditions and medical interventions responsible for increasing health care expenditures.

Role: Co-Investigator

Howell (PI)

07/01/01 – 06/30/05

RWJF Program Grant

Clinical Scholars Program

The major goals of this study are to assure that all Americans have access to basic health care at a reasonable cost

Role: Co-Investigator