

Timothy P. Hofer, MD, MSc  
Professor of Internal Medicine  
University of Michigan Health System  
Center for Clinical Management Research  
Ann Arbor VA HSR&D Center of Excellence  
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## CURRICULUM VITAE

### Education and Training

#### Education

- 09/75-06/80 Biochemistry AB, Harvard University, Cambridge, MA  
09/81-06/85 MD, School of Medicine, University of California, San Francisco, CA  
09/89-06/91 MSc, Program in Clinical Epidemiology, Research and Design and Statistical Analysis, Department of Biostatistics, School of Public Health, University of Michigan, MI  
07/91 Visiting Scholar-Summer Program, Inter-university Consortium for Political and Social Research, Ann Arbor, MI  
09/91-05/92 Department of Biostatistics, School of Public Health, University of Michigan, Ann Arbor, MI

#### Postdoctoral Training

- 07/86-06/87 Intern, University of California, San Francisco Hospitals.  
07/87-07/89 Resident, University of California, San Francisco Hospitals Internal Medicine - primary care track based at San Francisco General Hospital.  
07/89-06/91 Postdoctoral Fellowship, National Center for Health Services Research Fellowship in General Internal Medicine, Division of General Internal Medicine, University of Michigan Medical Center.

#### Senior Postdoctoral Training

- 09/01-09/02 Sabbatical leave, Ann Arbor, MI

### Certification and Licensure

#### Medical Licensure

- Board of Medicine Physician License, State of Michigan (#4301054922)  
Board of Pharmacy Controlled Substance License, State of Michigan (#4301054922)  
Controlled Substance Certificate, Drug Enforcement Administration (#BH1337042)  
Board of Medicine Physician License, State of California (#G61857)

### Board Certification

American Board of Internal Medicine, 1989-Present  
National Board of Medical Examiners, Diplomate, 1985-Present

### Other Certification

ACLS Certificate, American Heart Association  
BLS Certificate, American Heart Association

## **Academic, Administrative, and Clinical Appointments**

### Academic Appointments

07/91-08/93 Lecturer, Division of General Medicine, Department of Internal Medicine, University of Michigan and Department of Ambulatory Care, Ann Arbor VA.  
07/93-present Health Services Research Scientist, Health Services Research and Development, Center of Excellence, Ann Arbor VA.  
09/93-09/95 Instructor, Division of General Medicine, Department of Internal Medicine, University of Michigan and Department of Ambulatory Care, Ann Arbor VA.  
09/95-08/00 Assistant Professor, Division of General Medicine, Department of Internal Medicine, University of Michigan  
09/00-08/08 Associate Professor, Division of General Medicine, Department of Internal Medicine, University of Michigan.  
09/08-present Professor, Division of General Medicine, Department of Internal Medicine, University of Michigan.  
01/10-present Associate Director for Measurement and Information Technology, Center for Clinical Management Research, Ann Arbor HSR&D Center of Excellence

### Clinical Hospital Appointments

07/91-present Physician, University of Michigan Hospital  
07/91-present Physician, Ann Arbor VA Hospital

## **Research Interests**

1. Development and measurement precision of healthcare performance indicators at the patient, provider and organization level.
2. Developing systems for accurately monitoring and improving clinical outcomes and processes of care.
3. Adequacy of risk adjustment for examining variation in healthcare outcomes.
4. Social and economic factors predicting healthcare utilization.

## Grants

### Current

- R18 DK076622 (M Heisler/EA Kerr) 08/01/2007-07/31/2011  
NIDDK Total award \$2,179,092  
**Improving adherence and intensification of medications among diabetes patients**  
Role: Co-Investigator
- R01 CA109696-04 (S Katz) 07/01/2008-06/30/2011  
NIH Total award: \$1,542,334  
**Racial/Ethnic Disparities in Work and QoL Outcomes in Survivors of Breast Cancer**  
Role: Co-Investigator
- R01 CA088370 (S Katz) 07/01/2006-07/31/2011  
NIH Total award: \$1,360,000  
**Health System Factors and Patient Outcomes in Breast Cancer**  
Role: Co-Investigator
- R01 NR010700 (S Saint/S. Krein) 08/25/2008-04/30/2012  
NIH Total direct costs \$427,198  
**Implementing Evidence to Prevent Urinary Infection and Enhance Patient Safety**  
Role: Co-Investigator
- 59964 (R Hayward) 07/01/2010-06/30/2012  
Robert Wood Johnson Foundation Total award \$10,000,000  
**The Robert Wood Johnson Foundation Clinical Scholars Training Program**  
Role: Core Faculty
- HFP-83-014 (EA Kerr) 10/01/2001-09/30/2012  
VA Center of Excellence, HSR&D Total Direct Costs \$7,000,000.  
**Center for Practice Management and Outcomes Research**  
Role: Director, Measurement and Analysis Core
- DIB 98-001 (EA Kerr) 10/01/2004-09/30/2011  
VA HSR&D Merit Program Total award \$1,400,000  
**Quality Enhancement Research Initiative – Diabetes Mellitus (QUERI DM)**  
Role: Co-Investigator
- SDP 06-128 (M Heisler/ EA Kerr) 07/01/2007-04/30/2011  
VA HSR&D Merit Program Total award \$829,100  
**Adherence and intensification of medications: a population-based clinical pharmacist implementation study among hypertensive diabetes patients**  
Role: Co-Investigator
- R01 CA139014-01(S Katz/J Griggs) 08/11/2009-07/31/2011

NIH

**Racial/Ethnic and SES Disparities in Quality of Breast Cancer Systemic Therapy**

Role: Co-Investigator

R01 (Kerber)

12/01/2009-11/30/2013

AHRQ

**Solutions for Vertigo Presentations in the Emergency Department (SOLVE) Project**

Role: Co-Investigator

R01 TBA (L McMahon)

09/01/2010-08/31/2013

AHRQ

Total Award \$1,367,450

**Impact of CMS hospital-acquired conditions on vulnerable patients and hospitals**

Role: Co-Investigator

U027169 (SA Flanders)

07/01/2010-06/30/2011

BCBS

Total Award \$340,830

**Michigan Hospital Quality Medicine Consortium, BCBS QIDVT Prophylaxis Project**

Role: QI Consultant

K08 HS19767-01 (J Meddings)

09/30/2010-07/31/2015

AHRQ

Total Award \$175,070

**Targeting Hospital-Acquired Complications: Impact on the Care of Complex Patients**

Role: Co-Mentor

Pending

IIR TBA (S Saint)

03/01/2011-02/28/2014

CSR&D Merit Review Award

Total Award \$448,929

**Predictors of Hospital-Acquired Urinary Tract-Related Bloodstream Infection**

Role: Co-Investigator

P30 RFA DK10-009 (W Herman)

07/01/2011-06/30/2016

NIDDK

Total Award TBA

**Centers for Diabetes Translation Research**

Role: Co-Investigator

Previous

IIR 06-253-2 (S Vijan)

01/01/2008-12/31/2010

VA HSR&D Merit Program

Total direct costs \$410,200

Improving quality management using quality adjusted life years

Role: Co-Investigator

VA Merit, Health Services Research and Development ( IIR 02-225).

Addressing Barriers to Translation for Treatment of Hypertension.  
3/1/2004-2/28/2008. Total direct costs \$1,256,563.  
Role: Principal-investigator (with EA Kerr co-PI).

NIH (5R01CA109696-02)  
Breast Cancer Treatment Decisions & Outcomes in Latinas.  
9/1/2005-8/30/2007.  
Role: Co-Investigator (Principal Investigator: S Katz).

VA Merit, Health Services Research and Development (SAF 04-031)  
Translating Infection Prevention Evidence into Practice  
10/1/2004-12/31/2007. Total direct costs \$799,655.  
Role: Co-investigator (Principal Investigator: S Krein).

NIH (R01 CA106782-01)  
Cost Effectiveness of Genetic Screening for Colon Cancer.  
6/1/2004-5/31/2007. Total direct costs \$567,000.  
Role: Co-investigator (Principal Investigator: S Vijan).

Robert Wood Johnson Foundation.  
RWJ Clinical Scholars Program Planning Grant.  
7/1/2003-6/30/2005. Total award \$400,000.  
Role: Co-investigator (Principal Investigator: J Howell).

VA Merit, Health Services Research and Development (IIR 02051-1)  
Variation in ICU Outcomes.  
10/1/2002-9/30/2004. Direct Costs \$234,900  
Role: Co-Investigator (Principal Investigator: M Render).

AHRQ (P20-H511540-01)  
Targeting Interventions to Reduce Errors.  
9/1/2001-9/29/2004(NCTX 9/29/05). Total award \$600,000.  
Role: Principal Investigator.

Robert Wood Johnson Foundation  
RWJ Clinical Scholars Program.  
7/1/2001-6/30/2005. Total award \$4,000,000.  
Role: Core faculty (Principal Investigator: J Howell).

Robert Wood Johnson Foundation.  
Trends in Breast and Cervical Cancer Screening in the United States and Canada.  
1/1/2001-6/30/2002. Total award \$49,913.  
Role: Co-investigator (Principal Investigator: S Katz).

VA Merit, Health Services Research and Development (Grant #IIR 99257-1) Automated ICU Risk Adjustment Performance.

7/1/2000-6/3/2002. Total direct costs \$503,400

Role: Co-Investigator (Principal Investigator: M Render).

VA Merit, Health Services Research and Development (IIR 98103-1)

Evaluating the Performance of Explicit Quality Monitoring Systems in the VHA.

1/1/2000-9/30/2003. Total direct costs \$739,219.

Role: Co-Investigator (Principal Investigator: EA Kerr).

VA Center of Excellence, Health Services Research and Development

Center for Practice Management and Outcomes Research.

10/1/1999-9/30/2004. Total direct costs \$3,000,000

Role: Director, Measurement and Analysis Core (Principal Investigator: R Hayward).

Robert Wood Johnson Foundation (HCFO Proposal P-218)

A Comparison of Risk-Adjustment Methodologies Used in Profiling Physician Practice Efficiency.

5/1/1999-4/30/2001. Total award \$448,707.

Role: Co-Investigator (Principal Investigator: JW Thomas).

NIH/NIDDK (Grant# 5 P60 DK20572)

Michigan Diabetes Research and Training Center.

12/1/1998-11/30/2006.

Role: Co-Investigator (Principal Investigator: WH Herman).

VA Merit, Health Services Research and Development (IIR 97078-1)

Patient Preferences and the Care of Diabetes.

9/1/1998-08/31/2001. Total direct costs \$280,000.

Role: Co-Principal Investigator.

Agency for Health Policy Research (AHCPR) (HS09838)

Medical Innovations and Changes in Practice Patterns

8/1/1998-8/1/2000.

Role: Co-Investigator (Principal Investigator: M Chernew).

VA Merit, Health Services Research and Development (DIB 98-001)

Quality Enhancement Research Initiative Diabetes Mellitus.

7/1/1998-6/30/2003. Total direct costs \$1,000,000.

Role: Co-Investigator (Principal Investigator: RA Hayward).

VA Merit, Health Services Research and Development (Award #RCD 91-303)

Where Report Cards Fear to Tread: Patient Preferences, Physician Communication and

Multiple Diagnoses. Advanced Research Career Development Award, Research Associate

## Level II

7/1/1998-6/30/2001. Total direct costs \$425,000.

Role: Principal Investigator.

National Cancer Institute (R03-CA72620-01)

Preventive Services Utilization in Canada and the United States.

12/1/1996-12/1/1997.

Role: Investigator (Principal Investigator: S Katz).

VA Center for Practice Management and Outcomes (LIP 41-076)

Comparing Risk-Adjusted LOS with Variation in Intensity of Service and Severity of Illness

9/30/1995-9/30/1996. Total direct costs \$35,000.

Role: Principal Investigator.

VA Merit, Health Services Research and Development (IIR 94-131)

Evaluation Quality of Care Screens from Laboratory Databases.

9/1/1995-2/28/1999. Total award \$575,000.

Role: Principal Investigator.

VA Merit, Health Services Research and Development (RCD-91-303)

Evaluating Indicators of Quality and Efficiency of Health Care

7/1/1995-6/30/1998. Total direct costs \$375,000.

Role: Research Career Development Award, Research Associate Level I, Principal Investigator.

Robert Wood Johnson Foundation.

Comparing Hospital and Physician Resource Use in Canada and the United States.

9/1993-9/1994. Total award \$49,998.

Role: Principal Investigator.

## Honors and Awards

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|------|---|
| 1980 | Magna cum laude, A.B. in Biochemistry, Harvard University.  |
| 1993 | Junior Faculty Award for outstanding scientific presentation at the Society for General Internal Medicine, national meeting, May 1993.  |
| 1995 | Outstanding Scientific Presentation awardee. Annual VA Health Services Research & Development Service Meeting, 2/28-3/3/1995. (Re-presented at International Scientific Basis of Health Services Conference, September 1995.) |
| 1996 | Finalist, Third Annual National Institute for Health Care Management Research Award for a paper titled "Identifying poor quality hospitals: Can hospital mortality rates be useful?"  |
| 1998 | Finalist, Peter Reizenstein Prize for best paper published in 1997 in The International Journal for Quality in Health Care.   |

1998 Blue Cross Blue Shield of Michigan Foundation 1997 Excellence in Research Award for Physicians in the area of Health Policy.

### **Memberships in Professional Societies**

1991-present Society for General Internal Medicine, Member  
1991-present American College of Physicians, Member  
1996 - 2000 Central Society for Clinical Research, Member  
2011 Society of Hospital Medicine, Member

### **Editorial Positions, Boards, and Peer-Review Service**

#### Study Sections

11/07-2/08 Member (AdHoc) Study Section on Health Services Organization and Delivery (HSOD), Center for Scientific Review, National Institutes of Health

#### Reviewer

1992-present Medical Care (\*2001 Award for review quality in top 5%)  
1996-present Journal of the American Medical Association  
1997-present Journal of General Internal Medicine  
1999-present American Journal of Medicine  
1999-present Annals of Internal Medicine  
1999-present Health Services Research  
2000-present American Journal of Managed Care  
2001-present Health Services and Outcomes Research Methodology  
2001-present Medical Care Research and Review  
2002-present Lancet  
2003-present Medical Decision Making  
2004-present Quality and Safety in Healthcare  
2004-present New England Journal of Medicine  
2005-present Journal of the American Board of Family Medicine  
2005-present Critical Care  
2005-present Health Affairs

### **Teaching**

#### University of Michigan

##### Regular Teaching Responsibilities

1992-present Attending physician for general medical clinics at the Ann Arbor VA-responsible for direct supervision, teaching and monthly ambulatory care conference.  
1992-present Attending physician on inpatient service, Ann Arbor VA hospital one month per year - responsible for patient care, resident and medical student education including 7-8 didactic hours per week.

- 1994-1999 Robert Wood Johnson Clinical Scholars Program - Faculty Associate.  
 1995-2001 Introduction to Clinical Medicine: “Reading the medical literature.” Small group session leader. Second year medical students.  
 1995-2001 Small group session leader, “Health Policy Seminar series.” Second year medical students Introduction to Clinical medicine.  
 1997-1998 Hewlett Service Teaching Rounds.  
 1997-1999 Clinical Counselor to Senior Medical Students, Department of Medicine.  
 1998-2002 ITTP Problem Based Learning Ethics small group session facilitator.  
 1999-present Robert Wood Johnson Clinical Scholars Program – Core Faculty. (involving significant participation in multiple teaching activities, including course planning for a new University-approved Masters program, multiple lectures and one-on-one mentoring)  
 2002-2008 NIH K30 Training Program in Clinical Research – faculty.  
 2005-present Research Design and Analysis , course coordinator and co-leader– RWJ Clinical Scholars Program, Masters program.

#### Other Teaching

- 1998 Invited presentation: “Diabetes Mellitus Tight Control - The good the bad and the ugly.” Advances in Internal Medicine Conference, University of Michigan Department of Medicine, May 1998.  
 1999 Faculty Evaluator - Comprehensive Clinical Assessment Exam for Medical Students, 7/12/1999 [4.5 hrs].  
 2005 Invited Presentation: “Clustered data and why you should care about it.” OB/GYN Health Services Research Group, 1/6/2005 [2 hrs].  
 2006 EBM--Health Services Outcomes. Medical Student M1, 12/7/2006 [3 hrs].  
 2007 EBM—Health Services Outcomes, Medical Student M4, 3/7/2007 [2 hrs].  
 2008 Introduction to Clinical Medicine Medical Student M1: “Patients and Populations”.(1) Biostatistics and clinical epidemiology: understanding and applying principles of study design, statistical significance, observational studies and confounding. Small group session leader. 8/14/2008 [6 hours]

#### Dissertation Committees

- 1998-2000 Molla Donaldson, PhD candidate. Title: Continuity of Care: An Agency Theory Approach. Department of Health Management and Policy, School of Public Health.

#### Research Mentoring

- 1995-2004 Primary Mentor: VA Career Development Award (1999-2001), VA Senior Career Development Award (2002-2004) also simulation methods for principal fellowship project (1995-1997), Sandeep Vijan, MD, Assistant Professor, General Medicine.  
 1996-1997 Mentor: Methodological support for third year resident project, Scott Furney, MD, Internal Medicine Resident.

- 1998-1999 Mentor: Reliability analyses for pilot project and grant planning, David Stern, MD, Assistant Professor.
- 1998-2000 Mentor: Logistic regression methods and study design, Andrew Rosenberg, MD, Robert Wood Johnson Clinical Scholar
- 1998-2000 Mentor: Quality assessment and regression methods, Sanjay Saint, MD, Assistant Professor.
- 1999-2000 Mentor: Methodological support for third year resident project, Michele Heisler, MD, Internal Medicine Resident.
- 2002 Mentor: K23 Award application, Catherine Kim, MD, Asst. Prof. Internal Medicine, UM.
- 2002-2005 Mentor: VA Merit Review Entry Program Career Development Award Application: Emily Patterson, PhD, VA GAPS Patient Safety Center, Cincinnati Ohio.
- 2002-2005 Mentor: K23 & VA CD Award application: Lona Mody, MD, Fellow in Division of Geriatrics, UM.
- 2003-present Mentor: VA Advanced CD Award application: Sanjay Saint, MD, UM Associate Professor.
- 2004-2005 Scientific Advisor: NIH K-30: Paul Chan, MD, UM Cardiology Fellow.
- 2004-2006 Scientific Advisor: NIH K-12 (RR017607-01): Brahmajee Nallamothu, MD, UM Assistant Professor
- 2009-2010 Mentor: Quantitative methods for R01 and K Award, Jennifer Meddings, MD, UM Clinical Lecturer
- 2009-2010 Mentor: Quantitative methods R01 resubmission, Arden Morris, MD, HSR&D and CANSORT Research Investigator and UM Associate Professor, General Surgery
- 2010-present Mentor: Quantitative methods for R01, Christopher Friese, PhD, RN, UM School of Nursing & Assistant Professor
- 2010-present Mentor: Quantitative methods for K award, Lena Chen, MD, UM Department of Medicine, Lecturer

## **Committee, Organizational, and Volunteer Service**

### Steering committees

- 2000-2006 VA Merit Research Enhancement Award Program (REAP), Center grant. "TECHS Tools Ensuring Consumer Healthcare Safety", VA Health System of Ohio.
- 2000-present Chair, Expert Panel on Methodology. VA Inpatient Evaluation Center (IPEC), located in Cincinnati, formed in July 2005 by the Under Secretary for the Department of Veterans Affairs. A national program to improve patient outcomes from acute care hospitalization, starting with the Intensive Care Unit (ICU), through feedback of outcomes and processes to providers.

### Local

- 1995-present Chair, Computing and Data Management Committee, Ann Arbor VA, Health Services Research and Development, Field Program.
- 1996-2005 Research and Recruitment Committee, Ann Arbor VA, Health Services Research and Development, Field Program.
- 1997-1998 Ford/UMHS Partnership Health Data Management/Analysis Team.
- 1998-2000 Co-chair, Steering Committee for CPRS (electronic medical record) Introduction, Ann Arbor VAH.
- 2002-2005 Ann Arbor VA Research and Development Committee.
- 2003-present Ann Arbor VA, Health Services Research and Development COE Appointment and Promotions Committee
- 2009-present Member, North Campus Research Complex, HSR IT subgroup and Database Management core subcommittee
- 2010-present Search Committee, UM Health System Chief Information Officer. This individual will oversee IT for all the components of the UMHS mission (patient care, research, and education) and all units (Hospitals and Health Center and Medical School)

### National and Regional (1996 to present)

- 1996-2004 Standing Committee for Information Management, Veterans Integrated Service Network 11.
- 1999 Abstract Selection Committee, Provider/Organization Centered Issues, Society for General Internal Medicine National Meeting.
- 1996-1997 Career Development Program Review Committee reporting to the Chief Research and Development Officer, VA.
- 1999-2000 Michigan Blue Cross Profiling Advisory Group.
- 2001-2002 Analytic Methodology Panel, Doctors Office Quality Project, Centers for Medicare and Medicaid Services (CMS, formerly HCFA).
- 2001-2002 Technical Expert Panel, Doctors Office Quality Project, Centers for Medicare and Medicaid Services (CMS, formerly HCFA).
- 2002-2003 Scientific program committee of the 2003 ICHPR (International Conference on Health Policy Research) at the biennial meetings of the Health Policy Statistics section of the American Statistical Association.
- 2003 Abstract Selection Committee, Quality and Patient Safety Theme, 2003 Academy Health 20th Annual Research Meeting.
- 2004-2005 Scientific program committee of the 2005 ICHPR (International Conference on Health Policy Research) at the biennial meetings of the Health Policy Statistics section of the American Statistical Association.
- 2006 Invited participant, NCQA Benchmarking Physician Performance: Current Practice and Research Needs. Washington DC, 1/11/2006.
- 2006-2007 Co-Chair, Quality of Care Review Subcommittee, Society of General Internal Medicine 2007 National Meeting Planning Committee

- 2006-2007 Technical Advisor to Veterans Affairs Performance Management, Office of Quality and Performance. Workgroup charged with the development of a clinical performance management system for the VHA.
- 2006-2010 Member, Health Information Services Executive Board (HISEB) for Health Data Systems, VA Office of Information Technology. Provides leadership and oversight of VHAs Health Data Systems portfolio. Duties include: ensuring that the portfolio meets current and future needs of VHA customers, ensuring effective resource utilization, and overseeing the performance, planning and execution of systems within each portfolio.
- 2008 Member, Centers for Medicare & Medicaid Services CMS Technical Expert Panel (TEP), to identify and develop quality measures for hospital outpatient departments and ambulatory surgical centers (ASC) to be used for quality improvement, intervention, evaluation and monitoring as required by the Tax Relief Health Care Act (TRHCA) of 2006.
- 2010-present Steering Committee of CHIR (Consortium for Healthcare Informatics Research), Veterans Administration, Salt Lake City, Utah

#### International

2010-present Scientific Advisory Group for the project on High Quality Care for All in the NHS. A multidisciplinary evaluation of the High Quality Care for All: NHS Next Stage initiative undertaken by the National Health System in Great Britain.

### **Visiting Professorships, Seminars, and Extramural Invited Presentations**

#### Extramural invited presentations

- “Detecting a shadow in the dark: Is it possible to avoid the pitfalls in measuring quality and efficiency?” VA Career Development Meeting, 2/12/1997.
- “Measuring quality and efficiency” Division of General Internal Medicine Research Conference, UCSF-San Francisco VA, San Francisco, CA, 6/19/1997.
- “Provider Profiling.” Department of Surgery Research Conference, St Joseph’s Hospital, Ann Arbor, Michigan, 9/27/1998.
- “Reliability of peer review.” Michigan State Medical Society Annual Meeting, Troy, Michigan, 11/7/2002.
- “Measurement properties of implicit medical record review.” Conference on Tools and Methods for Monitoring Patient Safety: The Role of Medical Record Review, Agency for Health Care Quality and Research, Arlington Virginia, Saturday 3/1/2003.
- "Constructing and Reporting Provider Profiles" (invited presentation and panelist). 2003 ICHPR (International Conference on Health Policy Research) at the biennial meetings of the Health Policy Statistics section of the American Statistical Association, Chicago, IL, 10/18/ 2003.
- “Quality Measurement through peer review.” Michigan State Medical Society Annual Meeting, Troy, Michigan, 11/5/2003.
- “From explicit to implicit. A comparison of three different methods of assessing quality of care.” (Invited research seminar) Department of Public Health and Epidemiology, University of Birmingham, England, 2/17/2004.

- "The Science of Quality Measurement: Are We Getting It Right?" (invited panelist) Academy Health meeting, San Diego, 6/6-6/8/2004.
- "Measurement of Error – measurement theory and the detection of medical errors" Making Health Care Safer Conference, (invited presentation and session leader), Royal College of Physicians of London, England, 10/21-10/22/2004.
- "Implicit methods of assessing adverse events and quality of care." (Invited research seminar) Medical Research Council (MRC), Patient Safety Methodology Network Workshop, Department of Public Health and Epidemiology, University of Birmingham, England, 12/7/2005.
- "Clinical inertia. What is it? How much is there?" Department of Health Studies Seminar Series, Department Health Studies, University of Chicago, 1/24/2007.
- "Design and technical aspects of performance measurement" Academy Health National Meeting Special Director's Session on Performance Measurement. Orlando, FL, 6/4/2007.
- "Clinical inertia and provider decisions when faced with a high risk hypertensive patient" UCSF Division of General Medicine – Fellows Seminar, UCSF, 9/26/2007.
- "Measuring health care quality: Design and technical aspects of performance measurement." The ATS Project Committee: Pay for Performance in Pulmonary and Critical Care Medicine, chaired by Dr. Jeremy Kahn. ATS International Conference, Toronto, May 17, 2008.
- "Maintain the focus on quality and quality improvement (avoiding unintended consequences)" Bone Marrow transplant workshop, Center-Specific Outcomes Analysis Forum(SCTOD), Center for International Blood and Marrow Transplant Research (CIBMTR), September 26-27, 2008 Milwaukee, Wisconsin
- "Composite Measures of Quality" invited presentation at a the Advancing Quality Measurement in VA conference, sponsored by the Office of Quality Performance and Health Services Research & Development, Washington, Oct 2008.
- "Multilevel modeling in logistic regression" invited VA Workshop for HSR&D National Meeting 2009: Balancing Quality, Cost, and Patient Preferences, Baltimore, MD 02/11-02/13/2009.
- "Casemix adjustment and quality improvement." Department of Veterans Affairs (VHA) National Quality, Safety and Systems Redesign Conference, San Francisco, CA, 06/24/2010.
- "Back to the Future - the Role of Peer Review in Quality Management" invited VA Workshop for HSR&D National Meeting 2009: Balancing Quality, Cost, and Patient Preferences, Baltimore, MD 02/11-02/13/2009.

#### Other presentations

- "Screening intervals for diabetic retinopathy: Are current guidelines justifiable?" VA Health Services Research and Development National Meetings. Washington, 2/18-2/20/1998.
- "Estimated benefits in reduction of microvascular complications from a national screening program for type 2 Diabetes." Society for General Internal Medicine, National Meeting, April 1998.

- “Discussion between reviewers does not improve reliability of peer review of hospital quality.” Society for General Internal Medicine, National Meeting, April 1999.
- “Variation at provider, team and facility level for profile measures related to diabetes care.” 3rd International Conference on the Scientific Basis of Health Services Research, Toronto, October 1999.
- “Have Deaths Due to Medical Errors Been Overestimated.” 3rd International Conference on the Scientific Basis of Health Services Research, Toronto, October, 1999.
- “Automated Intensive Care Unit severity.” VA Health Services Research and Development National Meetings, Washington, 3/22-3/24/2000.
- “Variation at Provider, Team and Clinic Site Level for Profile Measures Related to Diabetes Care.” Society for General Internal Medicine 23rd Annual Mtg, May 2000.
- “Evaluating Quality of Care Screens from Laboratory Databases.” VA Health Services Research and Development National Meetings. Washington, 2/14-16/2001.
- “Physician’s understanding and misunderstanding of diabetes care priorities” Plenary Session, VA Health Services Research and Development National Meetings. Washington, 2/13-15/2002.
- “Measuring Quality of Care: Is there a role for peer review?” VA Health Services Research and Development National Meetings. Washington, 2/13-2/15/2003.
- “If you can't measure it you can't change it” Making the Health Care System Safer: 3rd Annual Patient Safety Research Conference. Washington, 9/27-28/2004.
- “Methods for Recognizing and Adjusting for Measurement Error” Workshop for HSR&D National Meeting 2005: Improving Care for Chronic Illnesses, Baltimore MD, 2/16-2/18/2005.
- “Providers vary substantially in their propensity to intensify blood pressure treatment.” Society for General Internal Medicine, National Meeting, April 2006.
- “Prevalence and causes of apparent clinical inertia among patients with diabetes and hypertension.” Society for General Internal Medicine, National Meeting, April 2007.

## **Bibliography**

### Peer Reviewed Journals and Publications

1. Katz SJ, Hofer TP. Socioeconomic disparities in preventive care persist despite universal coverage. Breast and cervical cancer screening in Ontario and the United States. *JAMA* 1994 Aug; 272(7):530-534.
2. Goold SD, Hofer TP, Zimmerman M, Hayward RA. Measuring physician attitudes toward cost, uncertainty, malpractice, and utilization review. *J Gen Intern Med* 1994 Oct; 9(10):544-549.
3. Hofer TP, Weissfeld J. Designing a simpler high blood cholesterol case detection strategy: are the advantages of the NCEP protocol worth the complexity? *Med Decis Making* 1994 Oct-Dec; 14(4):357-368.
4. Hofer TP, Hayward RA. Can early re-admission rates accurately detect poor-quality hospitals? *Med Care* 1995 Mar; 33(3):234-245.

5. Katz SJ, Hofer TP, Manning WG. Physician use in Ontario and the United States: The impact of socioeconomic status and health status. *Am J Public Health* 1996 Apr; 86(4):520-524.
6. Katz SJ, Hofer TP, Manning WG. Hospital utilization in Ontario and the United States: the impact of socioeconomic status and health status. *Can J Public Health* 1996 Jul-Aug; 87(4):253-256.
7. Hofer TP, Hayward RA. Identifying poor-quality hospitals. Can hospital mortality rates detect quality problems for medical diagnoses? *Med Care* 1996 Aug; 34(8):737-753.
8. Hofer TP, Katz SJ. Healthy behaviors among women in the United States and Ontario: the effect on use of preventive care. *Am J Public Health* 1996 Dec; 86(12):1755-1759.
9. Bernstein SJ, Hofer TP, Meijler AP, Rigger H. Setting standards for effectiveness: a comparison of expert panels and decision analysis. *Int J Qual Health Care* 1997 Aug; 9(4):255-263.
10. Hofer TP, Bernstein SJ, Hayward RA, DeMonner S. Validating quality indicators for hospital care. *Jt Comm J Qual Improv* 1997 Sep; 23(9):455-467.
11. Vijan S, Hofer TP, Hayward RA. Estimated benefits of glycemic control in microvascular complications in type 2 diabetes. *Ann Intern Med* 1997 Nov; 127(9):788-795.
12. Hofer TP, Wolfe RA, Tedeschi PJ, McMahon LF, Griffith JR. Use of community versus individual socioeconomic data in predicting variation in hospital use. *Health Serv Res* 1998 Jun; 33(2 Pt 1):243-259.
13. Thomas JW, Bates EW, Hofer TP, Perkins A, Foltz-Murphy N, Webb C. Interpreting risk-adjusted length of stay patterns for VA hospitals. *Med Care* 1998 Dec; 36(12):1660-1675.
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