

Curriculum Vitae  
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*Kathryn Mack McDonald*

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## EDUCATION

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- 1980-1984     **Stanford University**, Palo Alto, CA  
**Bachelor of Science Degree in Chemical Engineering**  
- Stanford-in France; Academic and Resident Advisor
- 1990-1992     **Northwestern University, Kellogg School of Management**, Evanston, IL  
**Masters of Management Degree** (MBA and MHA equivalent) with Distinction  
- Outstanding Student in Health Services Management Award (top graduating student)  
- Austin Scholar (merit scholarship awarded to 5% of entering class)  
- Vice President, Women in Management  
- Arthur Anderson Award (top first year student in health services)
- 2012-2017     **University of California, Berkeley, School of Public Health**, Berkeley, CA  
Doctoral Candidate, Health Policy (PhD expected: May, 2017)  
- Specialty Field: Organizations and Management  
- Dissertation Committee: Professors Stephen Shortell (Chair), Hector Rodriguez, Thomas Rundall, Urmimala Sarkar (UCSF)  
- Dissertation: *Ambulatory Care Organizations: Improving Diagnosis*

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## ACADEMIC PROFESSIONAL EXPERIENCE

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### STANFORD UNIVERSITY, Palo Alto, CA

- 2003- present     **FREEMAN SPOGLI INSTITUTE FOR INTERNATIONAL STUDIES**, Palo Alto, CA  
**Executive Director: Center for Health Policy (CHP)**  
Provide senior management to a University-wide multi-disciplinary center dedicated to high-quality, innovative research and education to inform health policy decision-making. Oversee several million-dollar program budget and operations. Direct multi-year, multi-disciplinary program and project grants. Mentor and supervise research trainees, associates, and administrative staff. Lead and contribute to projects that produce tools and insights for health policy makers.
- 1994-present     **SCHOOL OF MEDICINE**, Palo Alto, CA
- 1998-present     **Executive Director: Center for Primary Care and Outcomes Research (PCOR)**  
Jointly founded and direct PCOR, a multi-disciplinary research and education center dedicated to developing and applying methods for the rigorous evaluations of health

practices in primary and specialty care settings. Provide strategic, administrative and financial management for PCOR, along with CHP, involving over 100 core and affiliated faculty members, post-doctoral trainees, and research staff. Lead and contribute to a wide range of health services research projects.

2003-present **Co-Director: Scholarly Concentration in Health Services and Policy Research**  
Direct concentration in health services and policy research—a required component of the educational program for medical students. Mentor medical students in developing their own scholarship, facilitate faculty-mentored scholarly experiences and develop structured curricula to help students develop critical thinking, skills in evaluation of new data, and hands-on experience with the methods by which new scholarly information is generated. Serve on Standing Committee of Faculty Senate on Medical School Scholarship.

2002-present **Senior Research Scholar/Senior Engineering Research Associate**  
Academic Appointment, Department of Medicine, Center for Primary Care and Outcomes Research (PCOR).

2002-present **Associate Director/Co-Director: Stanford-UCSF Evidence-based Practice Center**  
Contract award: July 2002- September 2009; PD: Douglas K. Owens, MD, MS  
Contract award: October 2009-present; PD: Paul Shekelle, MD (RAND)  
Applied for award from Agency for Healthcare Research and Quality (AHRQ) to continue as a research center in the EPC-II program, and subsequently EPC-III, IV and V programs as part of RAND Evidence-based Practice Center.

#### **Investigator**

Managed and contributed to research for evidence synthesis for separate projects on regionalization of response for bioterrorism preparedness, quality improvement strategies for selected national priority topic areas (e.g., diabetes, hypertension, asthma, and care coordination), quality-based payment, patient safety and comparative effectiveness topics.

2002-2011 **Principal Investigator: Support for Quality Indicators (SQI)**  
SQI-1 Contract award: June 2002- November 2004  
SQI-2 Contract award, subcontractor: October 2004-November 2011  
A Stanford, UC-Davis, Battelle collaboration to continue improving and validating the quality tools developed by our Stanford-UC Evidence-based Practice Center team, and disseminated by the Agency for Healthcare Research and Quality as the *AHRQ Prevention Quality Indicators, Inpatient Quality Indicators, Patient Safety Indicators, and Pediatric Quality Indicators*. The project aimed to provide a bridge between developers of the quality indicators and users (e.g., health care data organizations, health care systems, hospital associations, and state departments of health). Ongoing validation and evidence updating was conducted to support AHRQ submissions of indicators to National Quality Forum consensus process. Additional indicators developed and reviewed under this contract included: emergency preparedness indicators; and care coordination indicators aimed at the ambulatory care setting.

1998-2004 **TECH International Network Director**  
Technology Change in Health Care Global Research Network (TECH), a collaboration of over 50 Investigators from 17 countries with multiple sources of funding including the National Institute on Aging and Commonwealth Foundation. Project resulted in the production of a book and contributions to health policy field on research using detailed

observational and administrative data comparing high technology and low technology treatments for acute myocardial infarction.

1997-2002 **Center Coordinator: UCSF-Stanford Evidence-based Practice Center (EPC)**  
Contract award: June, 1997- June, 2002; PD: A. Eugene Washington, MD, MSc  
Initiated proposal development to increase funding to health services research in area of strength at Stanford: co-authored successful proposal for contract awarding up to \$3M for evidence-based research on government-selected clinical and policy relevant topics. Developed EPC mission, goals and methods of operation with Executive Committee and Governing Council. Maintained excellent communication between all stakeholders including over 40 faculty at two universities, administrative and contracting personnel, funding agency program staff, and professional groups that nominated topics.

**Investigator**

Managed and contributed to research for evidence synthesis for 7 separate projects on stable angina, unstable angina, hospital-based quality indicators, autopsy, decision support systems for response to bioterrorism event, patient safety practices, and coronary heart disease in women. All reports have supported nationally prominent guidelines, tools, quality improvement activities, public health preparedness plans, and/or consensus conferences.

1994-2000 **Project Director: Cardiac Arrhythmia and Risk of Death (CARD) Patient Outcomes Research Team (PORT)**  
Grant award: August, 1994-July, 1999, extended through November, 2000  
PI: Mark Hlatky, MD  
Directed multi-disciplinary, multi-institutional team of researchers with backgrounds in biostatistics, epidemiology, health services, economics, and medicine, in large outcomes study. Managed day-to-day activities and budget decisions for \$5.1M, 6-year, 7-study, 4 site project. Project afforded me the opportunity to learn health services research in depth, and transition to an academic career without formal doctoral training.

**NON-PROFIT ORGANIZATION PROFESSIONAL EXPERIENCE**

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**STANFORD UNIVERSITY HOSPITAL, Palo Alto, CA**

1992-1994 **Manager, Technology Optimization and Business Development**  
Developed and sustained medical center wide technology assessment and management initiative to apply university based research capabilities in evaluation to hospital setting. Conducted research to identify issues related to medical technology (pharmaceuticals, devices, diagnostics, equipment and procedures) decision-making, culminating in creation of "Technology Assessment Council" of 20 clinical and administrative leaders. Coordinated Neurosciences Service Line development and business planning, including work on reducing cost, increasing market revenue, and enhancing quality.

Summer 1991 **Business Development Intern**  
Researched and wrote needs assessment section of HCFA application for new Kidney and Liver Transplant Program. Co- authored strategic plan for 72-hour post-operative care business. Coordinated internal and external data gathering and analysis for Perinatal Center Business Plan.

## INDUSTRY PROFESSIONAL EXPERIENCE

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### **BIOTRACK, INC.,** Mountain View, CA

*Successful start-up medical diagnostics products company. Company's products targeted at doctor's office where these tests are run on one drop of blood, with results reported within five minutes.*

1989-1990      **Program Manager, R&D**

Directed interdisciplinary team of eight engineers and chemists in product development of patient-side immunoassay system for measuring therapeutic drug analytes in blood. Guided project through clinical trials and filing of 510(k) submissions to FDA. Demonstrated key product and made presentations to potential corporate buyers. Developed plans and budget for product transfer and production scale-up.

1987-1989      **Senior Development Engineer, R&D**

Patented single-use capillary action cartridge for rapid assay of blood clotting times (APTT) (U.S. Patent # 5,039,617 (issued 8/13/91): "Capillary flow device and method for measuring activated partial thromboplastin time." Acted as liaison between R&D and manufacturing for prothombin time (PT) and activated partial thromboplastin time (APTT) products. Coordinated transfer and validation of product into an existing automatic production line.

### **SIGNETICS CORPORATION,** Sunnyvale, CA

*Integrated Circuit Manufacturer that adopted Deming and Juran TQM methods.*

1986- 1987      **Supervising Engineer, Advanced Process Development Fabrication Area**

Managed engineering group troubleshooting production line and developing new processes. Led Statistical Process Control team and trained other team leaders.

1984-1986      **Process Engineer**

## PUBLIC & PROFESSIONAL SERVICE

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Committee Member, Diagnostic Accuracy Committee, National Quality Forum, 2017-

Board Chair, Relational Coordination Research Collaboration, 2016-

Associate Editor, *Diagnosis*, 2014-

Chair, Patient Engagement Committee, Society to Improve Diagnosis in Medicine, 2013-2016

Technical Expert Panel Member, Care Coordination Measures Based on Medicare Advantage, 2016.

Institute of Medicine Committee Member, Diagnostic Errors in Healthcare, 2014-2016

Network Co-Host, Relational Coordination Research Collaboration, 2014-2015

Executive Board (Measurement Expert), Relational Coordination Research Collaboration, 2011-2015

Planning Committee Member, Diagnostic Errors in Medicine Annual Meetings, 2010-2014

Executive Committee Member, Congestive Heart Failure QUERI, Department of Veterans Affairs, 2006-16

Reviewer, Patient Centered Outcomes Research Institute (PCORI) Study Section, 2012

Associate Editor, *BMJ Quality & Safety*, 2011-2012

Associate Editor, AHRQ Effective Health Care Program, 2012

Past-President, Board of Trustees, Society for Medical Decision Making (SMDM), 2010-2011

Technical Expert Panel Member, Oregon Evidence-based Practice Center, 2010-2011

Institute of Medicine Committee Member, Pediatric Health and Health Care Quality Measures, 2009-2011

Member, Academy for Healthcare Improvement 2012-

Member, SMDM, 1994-

President, SMDM, 2009-2010  
President-Elect, SMDM, 2008-2009  
Chair, Finance Committee, SMDM, 2008-2009  
Global Health Indicators Working Group Member, Center for Global Development, 2006  
Chair, SMDM Executive Director Search Committee, 2006-2007  
Vice-President, SMDM Board of Trustees, 2004-2005  
Chair, Education Committee, SMDM, 2004-2005  
Vice-President Elect, SMDM Board of Trustees, 2003-2004  
Past Chair, Publications Committee, SMDM, 2002-2005  
Editorial Board, *Medical Decision Making (MDM)*, 2002-2005  
Agency for Healthcare Research and Quality Contract Proposal Review Committee, 2002  
Secretary-Treasurer, SMDM Board of Trustees, 2001-2003  
Secretary-Treasurer Elect, SMDM Board of Trustees, 2000-2001  
Chair, Publications Committee, SMDM, 1999-2002  
President, Mountain View Schools Fund (MVSF) Board, 1998-1999  
Chair, MVSF “Tools for Schools” Fundraising Campaign (\$100K/year raised)  
Reviewer, *Quality and Safety in Healthcare, Health Affairs, Medical Care, JAMA, and others*

## RESEARCH INTERESTS

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Health care quality and patient safety  
Measure development  
Patient/family-centered medicine  
Organizations and management  
Multi-disciplinary approaches to evaluating health care practices, interventions and policies  
Evidence-based medicine  
Medical technology assessment  
Decision analysis and patient preferences

## CURRENT RESEARCH PROJECTS

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- 12/01/16-08/31/17      **Development of Strategic Framework and Implementation Plan for Measuring Diagnostic Excellence**  
**Role: Principal Investigator**  
Funding Source: Gordon and Betty Moore Foundation  
The project will facilitate the development of a framework for capturing and assessing diagnostic excellence and errors. Results of this research will contribute to the Moore Foundation’s Patient Care Program’s safety initiative to improve diagnosis in medicine.
- 09/22/14- 09/21/17      ***Using Public Deliberation to Define Patient Roles in Reducing Diagnostic Error***  
**Role: Project Consultant**  
Principal Investigator: Tina Nabatchi, PhD (Syracuse University)  
Funding Source: AHRQ  
The main goals of this project are to: (1) engage healthcare consumers and professionals in a series of public deliberation sessions to develop informed and practical patient-focused strategies for reducing diagnostic error, and (2) evaluate

and demonstrate the efficacy of using deliberative methods to involve consumers in important health care issues.

10/01/07- 11/30/17

**RAND Evidence-based Practice Center (EPC)**

**Role: Co-Director, Stanford EPC**

Principal Investigator: Paul Shekelle, MD

Funding Source: AHRQ

The major goal of the EPC is to produce evidence reports and technology assessments on topics identified by the funder. The reports are expected to serve as the scientific basis for use by organizations developing guidelines, performance measures, or other quality improvement tools; or for guidance for health care decision making related to effectiveness or appropriateness of health care technologies.

*Selected Completed Projects:* patient safety practices; and closing the quality gap: state of the science; ambulatory care patient safety practices

08/01/14- 07/31/18

**AHRQ Analytic Enhancement of the AHRQ Quality Indicators (QI)**

**Role: Principal Investigator**

Funding Source: AHRQ (under Quality Measure Contract, below)

This project supports the annual enhancements of the AHRQ Quality Indicator modules, including evidence review, annual updates based on new evidence and changes in data conventions, development of innovative measurement approaches, support for National Quality Forum endorsement of measures, convening technical expert and stakeholder panels, SAS software and tool development, and information management for the QI program. The overarching aim is scientific advancement of measurement in response to needs of different types of indicator uses (quality improvement, comparative reporting, public reporting, pay for performance).

07/01/15-06/30/20

**NIH Using Electronic Health Records to Measure and Improve Prostate Cancer**

**Role: Co-Investigator**

This project aims to assess the feasibility of natural language processing and other methodologies to capture clinical and encounter information from Electronic Health Records, and to develop and assess specific quality metrics based on EHR data relevant to prostate cancer care.

09/01/15-06/30/20

**AHRQ Improving Quality of Postoperative Pain Care Through Innovative Use of Electronic Health Records**

**Role: Co-Investigator**

This project proposes to develop methods to gather patient centered outcomes recorded in EHRs and a risk-assessment tool to estimate personalized risks of outcomes across treatments. Such information will help policy makers and healthcare workers to improve patients' healthcare experiences and outcomes.

01/30/12- 01/29/17\*

**AHRQ Quality Measure Development Contract**

**Role: Principal Investigator**

Funding Source: AHRQ

The goal of the umbrella contract for a center of excellence is to facilitate transparent and innovative research in health care measurement that engages major stakeholders, including payers, clinicians, patients, and other potential users of a given indicator set, with the expectation of practical use of the evidence-based measures and tools created under this mechanism. The expected topic areas include

but are not exclusive to: clinical status, functional status, patient outcomes, patient safety and adverse events, care across the delivery spectrum, continuity of care and care management, resource use, effectiveness, efficiency, access to care, disparities, prevention, and pediatric, adult and geriatric measures.

\*Umbrella contract active beyond end date, given options through July 2018.

## PAST RESEARCH SUPPORT

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01/30/12- 01/29/17

***The Geography of Acute Care***

**Role: External Advisor (not funded)**

Funding Source: AHRQ (RO1)

Principal Investigator: Douglas J Wiebe, PhD (University of Pennsylvania)

The geography of acute care Project Goals: The overall goal of this project is to empirically derive novel healthcare coalitions and the corresponding catchment areas that can be used to describe and incentivize the achievement of population health. Ultimately the project will measure variability in prevention quality indicators across healthcare coalitions, and publicly disseminate statistical code and geographic shapefiles for healthcare coalitions and catchments.

09/16/13 – 09/15/16

***Network of Patient Safety Databases Analyses of Patient Safety Events***

**Role: Principal Investigator**

Funding Source: AHRQ

This project aims to analyze data collected by Patient Safety Organizations (PSO) and other available data on patient safety events to identify trends. The project will contribute to the Congressionally-mandated Effective Strategies Report through literature review and review of emerging patient safety strategies.

09/30/14-09/29/16

***AHRQ Inventory and Prioritization of Measures to Support the Growing Effort in Transparency Using All-payer Claims Databases (APCDs)***

**Role: Principal Investigator**

Funding Source: AHRQ

All-Payer Claims Databases (APCDs) provide rich information about cost, utilization and outcomes at a population level, spanning the boundaries of time, care settings, episodes of care and payers. This project seeks to lay the foundation for use of APCD data for measurement and transparency efforts — what measures of price, utilization and quality are available or currently in use with APCD data, where major measurement gaps exist, and how key stakeholders can encourage use of APCD data for measure reporting.

09/30/12- 09/29/14

***AHRQ Emergency Department-Related Quality Measurement***

**Role: Principal Investigator**

Funding Source: AHRQ

This project aimed to develop indicators derived from emergency department data as a window to community health and health care resources. The project defined a conceptual framework applied to candidate ED-related indicators of community health, and established a useful, feasible and scientifically sound set of measures related to general and behavioral health. They are currently under consideration at AHRQ for public release and submission to a national consensus entity.

- 08/15/99-09/29/14 ***Center on Demography and Economics of Health and Aging***  
**Role: Associate Director**  
Principal Investigator: Jay Bhattacharya, MD, PhD  
Funding Source: NIH/NIA  
The goals of the Stanford Center on the Demography and Economics of Health and Aging (CDEHA) are to promote the study of trends in demography, economics, health, and health care, and the effects of these trends on the well-being of the elderly. A primary activity of the grant is selection and award of pilot project funding.
- 09/30/04- 08/31/14 ***Center on Advancing Decision Making in Aging***  
**Role: Associate Director**  
Principal Investigator: Mary K. Goldstein, MD, MS; Alan Garber, MD, PhD  
Funding Source: NIH/NIA  
CADMA will promote the study of decision-making processes and the determinants of choices that affect health and wellbeing in the later years of life. CADMA researchers plan to conduct basic and applied research on decision-making processes with a goal of developing and implementing practical methods for improving fundamental decisions affecting the well-being of the elderly.
- 09/30/12- 09/29/13 ***AHRQ Integrating NHQR/NHDR Quality Measurement Resources***  
**Role: Principal Investigator**  
Funding Source: AHRQ  
This project aims to implement the integrated design of the National Healthcare Quality Report and National Healthcare Disparities Report, test it, and (if the Option period is exercised) enhance the Web site's resources with additional scientific evidence that will help users learn how to improve health care for Americans—including those most vulnerable to suboptimal treatment.
- 11/01/08- 02/28/12 ***Characterization of Readmission in California and an Estimation of the Impact of Post-Discharge Complications on the Sensitivity of the AHRQ QIs***  
**Role: Co-Principal Investigator**  
Funding Source: The Gordon and Betty Moore Foundation  
The primary goal is to understand potentially preventable readmission rates and patterns in San Francisco Bay area adult acute care hospitals and the relationship between potentially preventable readmissions and other hospital quality indicators.
- 09/30/04- 11/30/11 ***Support for Quality Indicators- II***  
**Role: Principal Investigator**  
Funding Source: AHRQ/Battelle subcontract  
The primary goal of the subcontract is to update and enhance the Stanford-developed quality indicators, based on administrative data and other information that can be readily linked to these sources. Other goals include new indicator development (emergency preparedness, care coordination) and support for submission of indicators to the National Quality Forum endorsement process.
- 06/17/02 - 09/30/09 ***Stanford-UCSF Evidence-based Practice Center (EPC)***  
**Role: Associate Director**  
Principal Investigator: Douglas K. Owens, MD, MS



Funding Source: AHRQ  
The major goal of the EPC is to produce evidence reports and technology assessments on topics identified by the funder.

06/17/05- 09/30/09

***Comparative Effectiveness Reviews for MMA Section 1013***

**Role: Investigator**

Principal Investigator: Douglas K. Owens, MD, MS

Funding Source: AHRQ (under the EPC)

To produce comparative effectiveness reviews on medical interventions, including a report comparing surgery versus percutaneous interventions for clogged heart arteries, and another comparing use of Factor VII to standard of care for massive bleeding.

06/17/02- 09/30/08

***Broad-based Support for the EPC Program***

**Role: Investigator**

Principal Investigator: Douglas K. Owens, MD, MS

Funding Source: AHRQ

The major goal of this project was to conduct thorough reviews of the literature and other sources for evidence on specific topics. Other goals included involvement in EPC agenda setting and participation in workgroups to foster collaboration in evidence-based methodology.

05/30/03- 08/31/07

***Best Practices for Quality Health Care***

**Role: Investigator**

Principal Investigator: Douglas K. Owens, MD, MS

Funding Source: AHRQ

The major goal of this project was to conduct a thorough review of the literature and other sources for evidence on quality improvement strategies for selected national priority topic areas.

09/25/01- 04/30/06

***China- US Health and Aging Research Program***

**Role: Advisor**

Principal Investigator: Alan Garber, MD, PhD

Funding Source: NIH/AHRQ

This planning phase for a China-US Health and Aging Research Training Program aimed to improve the quality and efficiency of health care delivery in China, generally by developing the health services research capacity in China, and specifically through research projects conducted by trainees targeted to address Chinese health policy priorities.

05/16/05- 03/15/06

***Diagnosis and Management of Pediatric Anthrax***

**Role: Investigator**

Principal Investigator: Douglas K. Owens, MD, MS

Funding Source: AHRQ

The major goal of this project was to conduct a thorough review of the case report literature on pediatric anthrax.

07/01/99- 06/30/04

***A Global Analysis of Technological Change in Health Care***

**Role: Investigator**

Principal Investigator: Kessler

Funding Source: NIH/NIA

The major goal of this project was to investigate the determinants and consequences of technological adoption and diffusion in disease- specific domains by examining multiple data sources on medical technology use in 16 developed countries.

06/03/02- 06/02/04

***Support for Quality Indicators***

**Role: Principal Investigator**

Funding Source: AHRQ

The primary goals of this project were to translate research into practice by providing technical assistance to users of the Stanford-developed quality indicators, and to continue development of quality indicators based on administrative data and other information that can be readily linked to these sources.

09/30/02- 05/31/04

***Regional Models for Bioterrorism Preparedness***

**Role: Investigator**

Principal Investigator: Douglas K. Owens, MD, MS

Funding Source: AHRQ

The major goal of this project was to conduct a thorough review of the literature and other sources for evidence on regional models for response to a bioterrorism event.

## **PUBLICATIONS**

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### **Peer-reviewed Articles**

- 1) Sim I, Gupta M, **McDonald K**, Bourassa MG, Hlatky MA. A meta-analysis of randomized trials comparing coronary artery bypass grafting with percutaneous transluminal coronary angioplasty in multivessel coronary artery disease. *Am J Cardiol.* 1995;76:1025-9.
- 2) Sanders GD, Dembitzer AD, Heidenreich PA, **McDonald KM**, Owens DK. Presentation and explanation of medical decision models using the World Wide Web. *J Am Med Inform Assn.* 1996; Annual Supplement: 60-4.
- 3) Owens DK, Sanders GD, Harris RA, **McDonald KM**, Heidenreich PA, Dembitzer AD, Hlatky MA. Cost-effectiveness of implantable cardioverter defibrillators relative to amiodarone for prevention of sudden cardiac death. *Ann Intern Med.* 1997; 126:1-12.
- 4) Sim I, **McDonald KM**, Lavori PW, Norbutas CM, Hlatky MA. Quantitative overview of randomized trials of amiodarone to prevent sudden cardiac death. *Circulation.* 1997; 96:2823-2829.
- 5) Every NR, Parsons L, Hlatky MA, **McDonald KM**, Thom D, Hallstrom AP, Martin JS, Weaver WD. The use and accuracy of state death certificates for classification of sudden cardiac deaths in high risk populations. *Am Heart J.* 1997 Dec; 134:1129-32.
- 6) Cheng CHF, Sanders GD, **McDonald KM**, Heidenreich PA, Hlatky MA, Owens KD. Design of a modular, extensible decision support system for arrhythmia therapy. *JAMA.* 1998; Supplement: 693-697.
- 7) Every NR, Hlatky MA, **McDonald KM**, Weaver WD, Hallstrom AP. Estimating the proportion of post-myocardial infarction patients who may benefit from prophylactic implantable defibrillator placement: an evaluation of the CAST registry. *Am J Cardiol.* 1998 Sep 1; 82(5):683-5, A8.
- 8) Heidenreich PA, **McDonald KM**, Hastie T, Fadel B, Hagan V, Lee BK, Hlatky MA. Meta-analysis of trials comparing b-blockers, calcium antagonists, and nitrates for stable angina. *JAMA.* 1999 May 26; 281:1927-1936.

- 9) Larson MS, **McDonald K**, Young C, Sung R, Hlatky MA. Quality of life before and after radio-frequency catheter ablation of atrioventricular nodal re-entrant tachycardia. *Am J Cardiol.* 1999 Aug; 15; 84:471-473.
- 10) Lin A, Lenert LA, Hlatky MA, **McDonald KM**, Olshen RA, Hornberger J. Clustering and the design of preference-assessment surveys in health care. *Health Serv Res.* 1999 Dec; 34:5 Part I:1033-45.
- 11) McClellan M, Kessler D and the TECH Investigators (**McDonald K**, US Investigator). A global analysis of technological change in health care: the case of heart attacks. *Health Affair.* 1999 May/June; 18(3):250-255.
- 12) Cheng CHF, Sanders GD, Hlatky MA, Heidenreich P, **McDonald KM**, Lee BK, Larson MS, Owens DK. Cost effectiveness of radiofrequency ablation for supraventricular tachycardia. *Ann Intern Med.* 2000;133:864-878.
- 13) Tu JV, Austin PC, Walld R, Roos L, Agras J, **McDonald KM**. Development and validation of the Ontario acute myocardial infarction mortality prediction rules. *J Am Coll Card.* 2001;37(4):992-7.
- 14) Heidenreich PA, Go AS, Alloggiamento T, Melsop K, **McDonald KM**, Hlatky MA. Prognostic value of troponin in patients with non-ST elevation acute coronary syndromes: a meta-analysis. *J Am Coll Cardiol.* 2001 Aug;38(2):478-85.
- 15) Technological Change in Health Care (TECH) Research Network. Technological change around the world: evidence from heart attack care. *Health Affair.* May/June 2001;20(3):25-42.
- 16) **McDonald KM**, Hlatky MA. Cost reduction and implantable cardioverter defibrillator implantation. (editorial comment) *J Cardiovasc Electrophysiol.* 2001;12(2):167-168.
- 17) Sanders GD, Hlatky MA, Every NR, **McDonald KM**, Heidenreich PA, Parsons LS, Owens DK. Potential cost effectiveness of prophylactic use of the implantable defibrillator or amiodarone after myocardial infarction. *Ann Intern Med.* 2001 Nov 20;135(10):870-83.
- 18) Romano PS, Elixhauser A, **McDonald KM**, Miller MR. HIM's role in monitoring patient safety (not peer reviewed) *Journal of AHIMA.* March 2002;73(3):72-74.
- 19) Sim I, Sanders GD, **McDonald KM**. Evidence-based practice for mere mortals: the role of informatics and health services research. *J Gen Intern Med.* April 2002; 17(4): 302-308.
- 20) Weiss JP, Sayina O, **McDonald KM**, McClellan MB, Hlatky MA. Effectiveness and cost effectiveness of implantable cardioverter defibrillators in the treatment of ventricular arrhythmias among Medicare beneficiaries. *Am J Med.* 2002;112:519-527.
- 21) Shojania KS, Duncan BW, **McDonald KM**, Wachter RM. Safe but sound: patient safety meets evidence-based medicine. *JAMA.* 2002; 288(4): 508-13.
- 22) Every N, Hallstrom A, **McDonald KM**, Parsons L, Thom D, Weaver D, Hlatky MA. Risk of sudden versus non-sudden cardiac death in patients with coronary artery disease. *Am Heart J* 2002; 144:390-6.
- 23) Hlatky MA, Saynina O, **McDonald K**, Garber A, McClellan M. Utilization and outcomes of the implantable cardioverter defibrillator, 1987-1995. *Am Heart J.* 2002; 144:397-403.
- 24) Hsu J, Uratsu C, Truman A, Quensenberry C, **McDonald K**, Hlatky M, Selby J. Quality of life and costs in ventricular arrhythmias. *Am Heart J.* 2002; 144:404-12.
- 25) Heidenreich PA, Keeffe B, **McDonald KM**, Hlatky MA. Overview of randomized trials of antiarrhythmic drugs and devices for the prevention of sudden cardiac death. *Am Heart J.* 2002; 144:422-30.
- 26) Alexander M, Baker L, Clark C, **McDonald KM**, Rowell R, Saynina O, Hlatky MA. Management of ventricular arrhythmias in diverse populations in California. *Am Heart J.* 2002; 144:431-9.
- 27) **McDonald KM**, Hlatky MA, Saynina O, Geppert J, Garber AM, McClellan MB. Trends in hospital treatment of ventricular arrhythmias among Medicare beneficiaries, 1985-1995. *Am Heart J.* 2002; 144:413-21.
- 28) Owens DK, Sanders GD, Heidenreich PA, **McDonald KM**, Hlatky MA. Effect of risk stratification on the cost effectiveness of the implantable cardioverter defibrillator (ICD). *Am Heart J.* 2002; 144:440-8.

- 29) Romano PS, Geppert JG, Davies S, Miller MR, Elixhauser A, **McDonald KM**. A national profile of patient safety in U.S. Hospitals. *Health Affair*. March/April 2003; 22(2): 154-66.
- 30) Shojania KG, Burton EC, **McDonald KM**, Goldman L. Changes in rates of autopsy-detected diagnostic errors over time: A systematic review. *JAMA*. 2003 Jun 4;289(21):2849-56.
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  - 40) AHRQ Quality Indicators Resources – including Technical Reports, Software Documentation, Empirical Methods, Change Logs for Updates, overseen as principal investigator (2014-current)– available at <http://qualityindicators.ahrq.gov>

## White Papers

- 1) Brandeau ML, **McDonald KM**, Owens DK. Global HIV prevention and treatment: Planning for the future. Global Health Policy Research Network; 2005.
- 2) **McDonald KM**. Health care indicators: Development of an evaluation framework from US context. Global Health Policy Research Network; 2006.
- 3) **McDonald KM**. Evidence of context influences on interventions to reconcile medications; RAND-AHRQ Project: Context-sensitivity of Patient Safety Practices; 2009.

## Abstracts

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- 4) Sim I, **McDonald KM**, Norbutas C, Hlatky MA. Amiodarone and mortality: A metaanalysis using hierarchical Bayes. *Med Decis Making*. 1996; 16:468. [Sim awarded Lee Lusted Prize for this abstract.]
- 5) Lenert LA, Ziegler J, **McDonald K**, Hlatky M, Homberger J. Utilities for health states with arrhythmias. *Med Decis Making*. 1996; 16:447.
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- 11) **McDonald KM**, Larson M, Boothroyd D, Hlatky MA. Patient reported utility for radiofrequency ablation for treatment of atrioventricular nodal re-entrant tachycardia. *Med Decis Making*. 1998;18:485.
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- 31) **McDonald KM**, Davies S, Geppert J, Romano P, Gritz M, Remus D. Quality indicators for inpatient care, patient safety and avoidable hospitalizations: Building a bridge from indicator development to user applications. The 5<sup>th</sup> International Conference on the Scientific Basis of Health Services. Global Evidence for Local Decisions. (September 2003)
- 32) Davies SM, Romano PS, **McDonald KM**, Geppert, J, Elixhauser A, Remus D. Use of AHRQ prevention quality indicators for public health and health plan monitoring of access to care. The 131st Annual Meeting of American Public Health Association. (November 15-19, 2003)
- 33) Romano PS, **McDonald KM**, and others. Refinement and validation of the AHRQ Patient Safety Indicators (PSI). The 131st Annual Meeting of American Public Health Association. (November 15-19, 2003)
- 34) Zaric GS, Bravata D, Holty JC, Brandeau ML, Wilhelm E, Sundaram V, **McDonald KM**, Owens DK. Modeling the logistics of response to a large anthrax attack in the United States. *Med Decis Making.* 2003; 23:570.
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- 36) Walsh JM, **McDonald KM**, Shojania KG, Sundaram V, Lewis R, Nayak S, Mechanic J, Owens DK, Goldstein MK. Provider adherence with quality improvement strategies for management of hypertension: a systematic review. Society for Medical Decision Making (presenter at October 2004 annual meeting).
- 37) Perelman J, Shmueli A, Pilote L, **McDonald KM**, Saynina O, Closon MC, and TECH group. Inequality in in-patient care delivery-The case of access to high-technology AMI treatments. International Health Economics Association. (July 13, 2005)
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- 40) Davies S, Romano PS, Ku A, Haberland CA, Geppert J, **McDonald KM**. Indicators of their own: pediatric quality indicators based on administrative data. AcademyHealth Annual Research Meeting. June 25, 2006. Seattle, WA. [Most Outstanding Abstracts Award 2006 for this abstract.]
- 41) Geppert J, Davies S, Haberland CA, **McDonald KM**, Romano, P. Socioeconomic status and the prevention quality indicators. AcademyHealth Annual Research Meeting. June 27, 2006. Seattle, WA
- 42) Haberland C, Geppert J, Davies S, Ku A, **McDonald KM**, Romano, P. A method for risk adjustment for the AHRQ pediatric quality indicators. AcademyHealth Annual Research Meeting. June 25, 2006. Seattle, WA.
- 43) Bravata DM, **McDonald KM**, Gienger A, Owens DK. Comparative effectiveness of percutaneous coronary interventions and coronary artery bypass grafting for coronary artery disease. *J Gen Intern Med.* 2007; 22 supplement 1, p. 47, April 2007.
- 44) **McDonald KM**, Karon S, Lee S, Geppert J, Cubbins L, Potter DEB. Using the Medicaid Analytic Extract (MAX) to Identify the HCBS (Assisted Living) Waiver Population. The Gerontological Society of America's 62nd Annual Scientific Meeting. November 21, 2009. Atlanta, GA.
- 45) **McDonald KM**, Miller G, Wise PH, Diamond L, Magaloni B, Stoner-Weiss K. Tactics to advance interdisciplinary research at the intersection between health and governance. Consortium of Universities for Global Health (CUGH) Annual Meeting. September 14, 2009. Bethesda, MD.
- 46) Yank V, Logan AC, Tuohy CV, Bravata DM, Staudenmayer K, Eisenhut R, Sundaram V, McMahan D, **McDonald KM**, Owens D, and Stafford RS. Comparison of thromboembolic event rates in randomized controlled trials and observational studies of recombinant factor VIIa for off-label indications. *Blood.* 2009;114(11):1403.
- 47) Yank V, Tuohy CV, Logan AC, Bravata DM, Staudenmayer K, Eisenhut R, Sundaram V, McMahan D, Olkin I, **McDonald KM**, Owens DK, and Stafford RS. The safety and efficacy of recombinant activated factor VIIa for non-traumatic intracranial hemorrhage: patterns of use and comparative effectiveness review. 31st Annual Meeting of the Society for Medical Decision Making. October 2009.
- 48) Yank V, Tuohy CV, Logan AC, Bravata DM, Staudenmayer K, Eisenhut R, Sundaram V, McMahan D, Olkin I, **McDonald KM**, Owens DK, and Stafford RS. The safety and efficacy of recombinant activated factor VIIa for traumatic bleeding: patterns of use and comparative effectiveness review. 31st Annual Meeting of the Society for Medical Decision Making. October 2009.
- 49) **McDonald KM**, Sundaram V, Smith-Spangler C, Albin L, Bravata DM, Owens DK. Care Coordination: What works? Harnessing a vast literature through a systematic review of systematic reviews. 13<sup>th</sup> Biennial European Conference for the Society of Medical Decision Making. May 2010.
- 50) Hernandez-Boussard T, **McDonald KM**, Morton JM. The relationship between patient safety and hospital volume. 27<sup>th</sup> Annual Conference of the International Society for Quality in Health Care. October 2010.
- 51) Smith-Spangler CM, Sundaram V, Albin L, Owens DK, **McDonald KM**. Care Coordination: What works? Making sense of a vast literature via a systematic review of reviews. 32<sup>nd</sup> Annual Meeting of the Society for Medical Decision Making. October 2010.
- 52) Davies SM, Chapman T, **McDonald KM**, Sandrock C, Romano PS, Geppert J. Measuring hospital preparedness for pandemic and mass casualty events: What is most important? AcademyHealth Annual Research Meeting. June 28, 2010. Boston, MA.
- 53) Davies SM, **McDonald KM**, Schmidt E, Schultz E, Geppert J, Romano PS. Expanding the uses of AHRQ's prevention quality indicators: Validity from the clinician perspective. AcademyHealth Annual Research Meeting. June 28, 2010. Boston, MA.
- 54) Davies SM, Saynina O, **McDonald KM**, Baker L. Characterizing readmissions in California to inform use as a quality metric. AcademyHealth Child Health Services Research Meeting. June 26, 2010. Boston, MA.

- 55) Hernandez-Boussard T, **McDonald KM**, Morton JM. Dose-Response Relationship Between Hospital Surgical Volume and Patient Safety. Society for Medical Decision Making Annual Conference. October 25, 2011. Chicago, IL.
- 56) **McDonald KM**, Chang C. Closing the Quality Gap Series: Revisiting the State of the Science Using Systematic Reviews. 2012 Academy for Healthcare Improvement's Conference on Advancing the Methods for Healthcare Quality Improvement Research. May 7-8, 2012. Arlington, VA.
- 57) Davies SM, Owens D, Smith K, Stocks C, **McDonald KM**. Using the Emergency Department as a Window into Community Behavioral Health. Presented at the American Society of Addiction Medicine 45<sup>th</sup> Annual Medical-Scientific Conference, April 12, 2014, Orlando, FL.
- 58) Davies SM, Schmidt ED, Stocks C, Owens D, **McDonald KM**. ED Revisits Among Individuals with Behavioral Health Complaints. Accepted for podium presentation at the Academy Health Behavioral Health Interest Group meeting. June 7, 2014.
- 59) Davies SM, Goldstein B, **McDonald KM**. Admission rates from the Emergency Department as a Measure of Community Access to Care: Identifying Community Resources Sensitive Conditions (CRSC). Academy Health. June 8, 2014. Davies SM, Schmidt E, Maldonado J, Houchens R, Stocks C, **McDonald KM**. New Measures of Community Mental Health and Substance Use Burden and Access to Care Using ED Utilization Data: The Behavioral Health Emergency Department Prevention Quality Indicators (ED-PQI). Academy Health. June 9, 2014.
- 60) Tedesco D, Hernandez-Boussard T, Carretta E, Rolli M, Di Denia P, **McDonald KM**, Fantini MP. Evaluating Patient Safety Indicators between Italy and United States in orthopedic surgery. Academy Health. June 15, 2015.
- 61) **McDonald K**, Skinner H, Zrelak P, Utter G, Davies S, Jalal H, Houchens B, Romano P. Development of New Harm-Based Weighting Approach to Composite Indicators: The Agency for Healthcare Research and Quality Patient Safety for Selected Indicators (AHRQ PSI-90). Society for Medical Decision Making 37<sup>th</sup> Annual Meeting. (St. Louis, MO; October 18-20, 2015).
- 62) **McDonald KM**, Hernandez-Boussard T, Brooks J, Blayney D, Escobar-Viera, C. Utilizing electronic health record documentation to measure value for prostate cancer clinical care. 6<sup>th</sup> Biennial European Conference. (London, England; June 12-14, 2016).
- 63) **McDonald K**, Su G, Lisker S, Patterson E, Sarkar U. High-risk patient monitoring in ambulatory settings: applying journey mapping to identify leverage points to reduce diagnostic delays and increase organizational effectiveness. Society to Improve Diagnosis in Medicine 1<sup>st</sup> European Conference. (Rotterdam, The Netherlands; June 30 – July 1, 2016).
- 64) Desai K, Carroll I, Asch S, **McDonald M**, Seto T, Curtin C, Hernandez-Boussard T. Evidence synthesize to aid prescribing decisions for postoperative pain management. Society for Medical Decision Making 38<sup>th</sup> Annual Meeting. (Vancouver, BC; October 23-26, 2016).
- 65) Desai K, Carroll I, Asch S, **McDonald M**, Seto T, Curtin C, Hernandez-Boussard T. Evaluating postoperative opioid prescribing patterns and their association with pain outcomes: Evidence synthesis using electronic health records. Society for Medical Decision Making 38<sup>th</sup> Annual Meeting. (Vancouver, BC; October 23-26, 2016).
- 66) **McDonald, K**. Research and Practice as Bedfellows: Analysis of cases of organizational change from the Relational Coordination Research Collaboration Interventions Registry. Berkeley-Stanford Organizational Behavior Conference. (Berkeley, CA; January 27, 2017).

## INVITED PRESENTATIONS

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- 1) Trends in Hospital Treatment of Ventricular Arrhythmias Among Medicare Beneficiaries, 1986-1994. American Heart Association 71<sup>st</sup> Scientific Sessions (Dallas, Texas; Nov. 8, 1998)
- 2) Technological Change in Health Care (TECH) Research Network. 16<sup>th</sup> Annual Meeting Association for Health Services Research (Chicago, Illinois; June 28, 1999).



- 3) A Global Analysis of Technological Change in Health Care: Heart Attacks. The XV International Scientific Meeting of the International Epidemiological Association (Florence, Italy; September 3, 1999).
- 4) Health Economics Implications of Treatment of Coronary Events. The XV International Scientific Meeting of the International Epidemiological Association (Florence, Italy; September 3, 1999).
- 5) Measuring Health Care and its Determinants. Population Association of America 2000 Annual Meeting (Los Angeles, California; March 23, 2000).
- 6) Overview of "Making Health Care Safer: A Critical Analysis of Patient Safety Practices". National Quality Forum Safe Practices Committee meeting (Washington, DC. July 18, 2001).
- 7) Discussion on Applying the Findings of the Agency for Healthcare Research and Quality Evidence Report: "Making Health Care Safer: A Critical Analysis of Patient Safety Practices." Department of Veterans Affairs and Quality Interagency Coordination Task Force conference, Effective Practices to Improve Patient Safety, Summit 2001 (Washington DC; September 5-7, 2001).
- 8) Health Services Research 101: Systematic Review Methods Used at the Stanford-UCSF Evidence-Based Practice Center. Primary Care and Outcomes Research. (Stanford, California; July 24, 2002).
- 9) Patient Safety Indicators: Identifying Potential Preventable Complications Using Hospital Discharge Data. Patient Safety Seminar VHA West Coast (Pleasanton, California; December 19, 2002).
- 10) Patient Safety Surveillance Using Hospital Discharge Data: Opportunities and Obstacles. Stanford University Center for Primary Care and Outcomes Research. (Stanford, California; January 29, 2003).
- 11) AHRQ Quality Indicators Workshop. American Association of Health Plans (Atlanta, GA; April 30, 2003).
- 12) Series of Patient Safety Climate presentations. Executive Teams at CHP/PCOR Patient Safety Consortium hospitals (numerous hospitals in Southern and Northern California, 2003).
- 13) Quality Indicators for Inpatient Care, Patient Safety and Avoidable Hospitalizations: Building a Bridge from Indicator Development to User Applications. 5<sup>th</sup> International Conference on the Scientific Basis of Health: Global Evidence for Local Decisions. (Washington, DC; September 22, 2003).
- 14) Health Care Quality and Safety Measures Based on Administrative Data: From Development to Application. Workshop with co-presenters: Romano PS, McBride S. International Society for Quality in Health Care. (November 5, 2003).
- 15) Benchmarks and Handbook for Regional Planners: Evidence on Regionalization of Bioterrorism Response. AHRQ User Liaison Program for senior Federal, State, and local government policymakers, Bioterrorism and Other Public Health Emergencies: Tools and Models for Planning and Preparedness. (Chicago, IL; May 18, 2004).
- 16) Data Workshop—HCUP and AHRQ Quality and Patient Safety Indicators. 10<sup>th</sup> Annual NRSA Trainees Research Conference. (San Diego, CA; June 5, 2004).
- 17) Closing the Quality Gap: Care Coordination. Evidence-based Practice Centers Annual Directors' Meeting. (Washington, DC; November 5, 2004).
- 18) Development of Pediatric Quality Indicators using Hospital Discharge Data. Stanford University Center for Primary Care and Outcomes Research (Stanford, CA; February 2, 2005).
- 19) Development, Refinement and Ongoing Validation of the AHRQ Quality Indicators. Kaiser Division of Research Seminar (Oakland, CA; May 3, 2005).
- 20) Overview of the Pediatric Quality Indicators Module. AHRQ Quality Indicators Users Meeting (Stanford, CA; September 26, 2005).
- 21) Development of Pediatric Quality Indicators Based on Hospital Administrative Data. Pediatric Academic Societies' 2006 Annual Meeting (San Francisco, CA; April 29, 2006).
- 22) Validating the AHRQ Patient Safety Indicators: Current Uses and Research. Eighth Annual National Patient Safety Foundation Congress (San Francisco, CA; May 11, 2006).

- 23) Assessing Pediatric Healthcare Quality in U.S. Hospitals and Regions Using Readily Available Administrative Data. HCQO4 Fourth Annual Bay Area Health Care Quality and Outcomes Conference (San Francisco, CA; May 25, 2006)
- 24) Center for Demography, Economics and Health in Aging (CDEHA) Research. American Society of Health Economists' first annual conference (University of Wisconsin-Madison, June 7, 2006).
- 25) Evidence-based Medicine Method and Projects at the Stanford-UCSF EPCs. Professionalism in Contemporary Practice (Stanford, CA; September 15, 2006).
- 26) Evidence-based Practice Centers – Research and Context. Palo Alto Research Center (Palo Alto, CA; December 12, 2006)
- 27) Care Coordination—Evidence-based Practice Center's Report: Definitions, Theoretical Frameworks and Relationship to Transitions/Handovers and Information Exchange." ABIM Foundation's Stepping Up to the Plate Transitions/Handovers Expert Meeting (Philadelphia, PA; March 7, 2007).
- 28) Executive Summary of AHRQ Evidence Report on Care Coordination. American College of Physicians-Society of General Internal Medicine-Society of Hospital Medicine Transitions of Care Consensus Conference (Philadelphia, PA; July 11, 2007).
- 29) Ongoing and Future Research on AHRQ Quality Indicators. AHRQ Annual Meeting (Bethesda, MD; September 10, 2008)
- 30) Outcomes for Our Health System in 20 Years. 3rd Annual Haas Business of Health Care Conference (Berkeley, CA; February 8, 2009).
- 31) Governance and the Delivery of Public Health Services. Center on Democracy, Development, and the Rule of Law (CDDRL). Draper Hills Summer Fellows Program in conjunction with Global Health Corps Training Program (Stanford, CA; July 29, 2009).
- 32) Development of Emergency Department Quality Indicators. AHRQ 2009 Annual Conference. (Bethesda, MD; September 14, 2009).
- 33) Research Informing Policy Informing Research: Continuous Quality Improvement and the AHRQ Quality Indicators. AHRQ 2009 Annual Conference. (Bethesda, MD; September 14, 2009).
- 34) Meaningful Measures for Care Coordination: Building Blocks from Research Conducted for the Agency for Healthcare Research and Quality. NCVHS Testimony on Care Coordination Measures. (Teleconference; October 13, 2009).
- 35) So You Think You Can Coordinate Care? Prove It!: Care Coordination Measures Atlas Project. AHRQ 2010 Annual Conference. (Bethesda, MD; September 27, 2010)
- 36) Presidential Address: SMDM as a Catalyst—Personally, Professionally, Playfully and Powerfully. Society for Medical Decision Making Annual Conference. (Toronto, Canada; October 26, 2010).
- 37) Measuring Context in Health Care Quality Improvement (QI) Interventions. Academic Pediatric Association Conference for Pediatric Quality Improvement Methods, Research and Evaluation. (Denver, Colorado; April 29, 2011)
- 38) Forecasting Panel. 2011 MacEachern Symposium: Re-Forming Healthcare After Health Reform: ACOs and Other Innovations in Healthcare. (Evanston, IL; May 11, 2011)
- 39) Health System Measurement in Accountable Care: Current Landscape and Future Directions. Indiana University Health Presents: Measurement Summit: Developing Measures and Teamwork for Accountable Care. (Indianapolis, Indiana; July 30, 2011)
- 40) Selecting Care Coordination Measures for Primary Care Practice Assessment. AHRQ Annual Conference. (Bethesda, Maryland; September 18-21, 2011)
- 41) Performance Measurement for New Care Models. Clinical Excellence Research Center. (Stanford, CA; August 4, 2011)
- 42) How Much Diagnostic Safety Can We Afford? Diagnostic Error in Medicine (DEM) Annual Conference. (Chicago, IL; October 26, 2011)
- 43) Measuring Interventions and their Impact. Relational Coordination Research Collaborative Roundtable. (Cambridge, MA; October 28, 2011)

- 44) Transdisciplinary approach to health care problems and decision making. USA Clinical-Counseling Doctoral Program Grand Rounds and USA Department of Psychology Colloquium Series at the University of Southern Alabama. (Mobile, AL; October 31, 2011)
- 45) Mapping the Care Coordination Measures Landscape. Health Services Research Seminar at the University of Pittsburgh. (Pittsburgh, PA; April 17, 2012)
- 46) Sg2 and Modern Healthcare Luncheon & Forecasting Panel. 2012 MacEachern Symposium: What Happened to Altruism in Healthcare? (Evanston, IL; April 25, 2012)
- 47) The Closing the Quality Gap Series: Revisiting the State of the Science Using Systematic Reviews. 2012 Academy for Healthcare Improvement's Conference on Advancing the Methods for Healthcare Quality Improvement Research. (Arlington, VA; May 7-8, 2012)
- 48) Care Coordination Measurement Landscape. Seminar Medical Management Centre, The Karolinska Institutet. (Stockholm, Sweden; May 28, 2012)
- 49) The Contribution of Evidence Review to Improving Health Care. Karolinska Institutet Medical Management Centre 10<sup>th</sup> Anniversary Conference on Translational Research, Knowledge Translation and Implementation Science. [conference May 29-30, 2012] (Stockholm, Sweden; May 29, 2012)
- 50) 10<sup>th</sup> Annual Meeting of the Quality Improvement Research Network (QIRN). Discussant. The Karolinska Institutet. (Stockholm, Sweden; June 4-5, 2012)
- 51) Care Coordination Quality Improvement Measures: Building an Evidence Base. (San Antonio, TX; July 17-21, 2012)
- 52) Patient-Centered Communication (moderator/session convener). Diagnostic Error in Medicine 2012: Fifth International Conference. (Baltimore, MD; November 11-13, 2012)
- 53) Personal Reflections on a Prevalent Commonly Missed Diagnosis: Patient and Provider Exchange (moderator/session convener). Diagnostic Error in Medicine 2012: Fifth International Conference. (Baltimore, MD; November 11-13, 2012)
- 54) Cancer Care Coordination Measures: What is Measured... Gets Done (or Gets Attention). Symposium 17: Coordinating Cancer Care at Society for Behavioral Medicine Annual Conference. (San Francisco, CA; March 21, 2013)
- 55) A Window to Community-based Population Health: Emergency Department Community Indicator Development for National Surveillance and Local Action. Population Health Sciences Colloquium. (Stanford, CA; September 26, 2013)
- 56) Evaluating Strategies and Practices that Deliver: From Behaviors to the Critical Role of Measurement. (University College Dublin, Ireland; January 16, 2014)
- 57) Patient and Family Engagement to Reduce Diagnostic Error. (Monday, March 3, 2014: <http://www.npsf.org/events-forums/patient-safety-awareness-week/> )
- 58) Patient Summit: How to Reduce Chances of Misdiagnosis (moderator/session convener). Diagnostic Error in Medicine. (Atlanta, GA; September 14, 2014)
- 59) "Deep" Root Cause Analysis: Patient and Professional Dialog on Diagnostic Errors? (moderator/session convener). Diagnostic Error in Medicine. (Atlanta, GA; September 15, 2014)
- 60) Relational Coordination and the Future of Patient Focused Care. Compassion and Health Care Conference. (San Francisco, CA; November 12, 2014). Link: <http://ccare.stanford.edu/videos/compassion-and-healthcare-2014-future-directions/>
- 61) Patient Summit: Participate to Prevent Misdiagnosis and Diagnostic Errors – Where Do We Go From Here? – Policy, Payer and Practice Implications. Diagnostic Error in Medicine (DEM) Conference (Washington, DC; September 26-29, 2015).
- 62) What Have We Learned? What Comes Next? Healthy and Thriving Workplaces and Communities – The Role of Relational Coordination. Fifth Annual Relational Coordination Research Collaborative (RCRC) Roundtable Conference. (New York, NY; October 15-16, 2015).
- 63) Patient Safety: Get the Diagnosis Right. The Fifth Annual Lundberg Institute Lecture. The Commonwealth Club. (San Francisco, CA; November 10, 2015). Link: <http://www.commonwealthclub.org/events/archive/podcast/patient-safety-get-diagnosis-right>

- 64) Once in a Lifetime: PSO Prerogative for Reducing Diagnostic Error. 8th Annual Meeting of Patient Safety Organizations Conference. (Rockville, MD; April 13-14, 2016).
- 65) Session Chair. Oral Abstracts: Health services, outcomes & policy research. 6<sup>th</sup> Biennial European Conference. (London, England; June 12-14, 2016).
- 66) How Organizational Factors Impact Diagnostic Safety. AHRQ Research Summit: Improving Diagnosis in Health Care Conference. (Rockville, MD; September 28, 2016).
- 67) “Value and Safety,” Health Policy through 2020: The ACA, Payment Reform and Global Challenges, sponsored by Stanford Health Policy. (Stanford, CA; October 14, 2016).
- 68) Research and Practice as Bedfellows: Analysis of Cases of Organizational Change from The Relational Coordination Research Collaboration Interventions Registry. Sixth Annual Relational Coordination Research Collaborative (RCRC) Roundtable Conference. (Portland, OR; October 27-28, 2016).

## **TEACHING AND ADVISING**

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Health Research and Policy 254: Quality and Safety in U.S. Healthcare. Guest lecturer on patient safety and quality. Winter Quarter, 2017.

Health Research and Policy 201B: Health Policy PhD Seminar II First Year. Guest lecturer on patient safety and quality. Spring Quarter, 2016.

Freeman Spogli Institute (FSI) Stanford Program on International and Cross-Cultural Education (SPICE) sponsored online course in Global Health regarding the use of public deliberation for recommendations about diagnosis and diagnostic error at Takatsuki High School, Japan, Fall Quarter, 2015.

Health Research and Policy 207: Issues and Methods of Health Services and Policy Research, Fall Quarter, 2003-2006.

Health Research and Policy 208 Issues and Methods Part II: annual guest lecturer on patient safety and quality; systematic reviews and meta-analysis.

Undergraduate Honors and Directed Reading Advising: Amy Chen, Theodore Chang, Hilary Homenko, Eugene Lin, Megan Talbot

Mentor for Haas Public Service Leadership Program: Amy Chen

Mentor for Undergraduate Research Award: Ceslee Montgomery (Project: Assessing Care Coordination Need Variation at a Population Level)

Medical Scholars Research Project Advising: Brian Matesic, Rebecca Kim, Juan Carlos Montoy

Associate Director and Advisor: AHRQ T32 Training Program in Health Services Research

Post-Doctoral AHRQ Fellow Thesis Advising: Bradford Duncan, Tina Hernandez-Boussard

Primary Mentor for AHRQ Mentored Research Scientist Development Award (K01) “Prioritizing Quality Improvement in Surgery through Patient Safety Indicators”: Tina Hernandez-Boussard

Graduate Student Instructor, UC Berkeley: Strategic Management of Health Care (with Stephen Shortell and Jeff Oxendine, Winter 2016); Health Care Organization and Management (with Ann Chou, Fall 2013, Online MPH Program)

## **AWARDS AND HONORS**

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Saenger Distinguished Service Award, Society for Medical Decision Making, 2007

Stanford Department of Medicine Teaching Award, 2006

Most Outstanding Abstracts Award AcademyHealth Annual Research Meeting, 2006

Co-author of Society for Medical Decision Making Lee Lusted Prize Abstract, 1996

Outstanding Student in Health Services Management Award, Northwestern University, 1992

Arthur Anderson Award, Top First Year Student, Northwestern University, 1991

Austin Scholar (merit scholarship awarded to 5% of entering class, Northwestern University), 1990

United States Patent # 5,039,617 (issued 8/13/91): "Capillary flow device and method for measuring activated partial thromboplastin time"