

## CURRICULUM VITAE

### Part I

#### PERSONAL DATA

##### Kathryn McDonald, PhD, MM

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#### EDUCATION

Year	Degree	Institution	Location
2017	PhD, Health Policy (Organizations & Management)	University of California Berkeley	Berkeley, California
1992	MM (MBA)	Northwestern University Kellogg School of Management	Evanston, Illinois
1984	BS, Chemical Engineering	Stanford University	Stanford, California

#### PROFESSIONAL EXPERIENCE

2021-Present	Interim Director	School of Nursing, Center for Innovative Care in Aging	Baltimore, Maryland
2021-Present	Faculty (Joint)	Malone Center for Engineering in Healthcare (MCEH), Johns Hopkins Whiting School of Engineering	Baltimore, Maryland
2020-Present	Bloomberg Distinguished Professor (Joint)	The Johns Hopkins University Bloomberg School of Public Health (Health Policy and Management)	Baltimore, Maryland
2020-Present	Core Faculty	Armstrong Institute for Quality and Patient Safety, Johns Hopkins University	Baltimore, Maryland
2020-Present	Co-Director	Johns Hopkins University Center for Diagnostic Excellence	Baltimore, Maryland

2019-Present	Bloomberg Distinguished Professor (Joint)	The Johns Hopkins Carey Business School	Baltimore, Maryland
2019-Present	Core Faculty, Leadership Team	Hopkins Business of Health (Hbhi)	Baltimore, Maryland
2019-Present	Bloomberg Distinguished Professor (Primary)	The Johns Hopkins University School of Nursing	Baltimore, Maryland
2019-Present	Bloomberg Distinguished Professor (Primary)	The Johns Hopkins University School of Medicine (General Internal Medicine)	Baltimore, Maryland
2003-2019	Executive Director	Stanford University – Freeman Spogli Institute for International Studies Center for Health Policy	Palo Alto, California
2002-2019	Senior Research Scholar/Senior Engineering Research Associate	Stanford University - Department of Medicine	Palo Alto, California
1998-2019	Executive Director (founding)	Stanford University- School of Medicine Center for Primary Care and Outcomes Research (PCOR)	Palo Alto, California
2002-2011	AHRQ Support for Quality Indicators Program Director	Stanford University	Palo Alto, California
1998-2004	TECH International Network Director	Stanford University	Palo Alto, California
1997-2002	Center Coordinator	Stanford University-UCSF- Stanford Evidence-based Practice Center (EPC)	Palo Alto, California
1994-2000	Project Director	Stanford University-Cardiac Arrhythmia and Risk of Death (CARD) Patient Outcomes Research Team (PORT)	Palo Alto, California

1992-1994 1991	Business Development and Technology Optimization Manager	Stanford University Hospital/ Stanford Health System	Palo Alto, California
1987-1990	Engineer	BIOTRACK, Inc.	Mountain View, California
	Program Manager, R&D	BIOTRACK, Inc.	Mountain View, California
	Senior Development Engineer, R&D	BIOTRACK, Inc.	Mountain View, California
1984-1987	Engineer	SIGNETICS CORPORATION	Sunnyvale, California
	Supervising Engineer & Process Engineer, Advanced Process Development Fabrication	SIGNETICS CORPORATION	Sunnyvale, California

## **HONORIFICS**

2021	Outstanding Professional Achievement Award, National Cathedral School
2019	Bloomberg Distinguished Professorship, Johns Hopkins University
2007	Saenger Distinguished Service Award, Society for Medical Decision Making
2006	Stanford Department of Medicine Teaching Award
2006	Most Outstanding Abstracts Award Academy Health Annual Research Meeting
1996	Co-author of Society for Medical Decision Making Lee Lusted Prize Abstract
1992	Outstanding Student in Health Services Management Award, Northwestern University
1991	United States Patent # 5,039,617: "Capillary flow device and method for measuring activated partial thromboplastin time" (Kathryn McDonald, Laura Winfrey, Michael Gorin, James Hill, Po Hsu. BIOTRACK, Inc, Aug 13, 1991)
1991	Arthur Anderson Award, Top First Year Student, Northwestern University
1990	Austin Scholar (merit scholarship awarded to 5% of entering class, Northwestern University)

## **RESEARCH**

### **Sponsored Projects**

2022-2023	Population-wide Surveys to Elicit Patient and Family Narratives on Diagnostic Errors and Their Implications. PI: Schlesinger, Mark. Co-Principal Investigator. Yale sub-contract/ Moore Foundation.
2021-2022	Project Firstline: foundational questions to inform infection control training and improvement. JHU PI: Gurses, Ayse. Investigator. CDC, DOD APL, JHU sub to APL.
2021-2023	Promoting Resilience in Persons with Multiple Chronic Conditions (the PROMOTE Center, P30 Center of Excellence, initiated in 2018). PI: Szanton, Sarah. Enrichment Core Leader (starting 2021). NINR.

2020-2022 Decision Modeling to Inform Timely Action During the COVID-19 Pandemic. PI: McDonald, Kathryn. Principal Investigator. Rockefeller Foundation.

2020-2022 Patient Reported Measures for Driving Diagnostic Excellence. PI: McDonald, Kathryn. Principal Investigator. Gordon and Betty Moore Foundation.

2020-2021 COVID19 Decision Modeling Initiative: Catalyzing Immediate Impact Where Needed. PI: McDonald, Kathryn. Principal Investigator. Gordon and Betty Moore Foundation.

2020-2021 Diagnostic Errors in the Emergency Department. Evidence-based Practice Center Project. PI: Robinson, Karen. Advisor/ Investigator. Agency for Healthcare Research and Quality (AHRQ).

2020-2021 Health Care Worker Protection. PI: Team (Rothman, Veenema, McDonald, Gurses, Kachalia). Investigator. Johns Hopkins University Covid-19 Funding.

2019-2021 Exploring and Addressing Diagnostic Error Disparities Related to Cognitive Reasoning Pitfalls. PI: McDonald, Kathryn. Principal Investigator. SPO 138247. Coverys Community Healthcare Foundation/Society to Improve Diagnosis in Medicine.

2015-2020 NIH Using Electronic Health Records to Measure and Improve Prostate Cancer. PI: Hernandez-Boussard, Tina. Co-Investigator. NIH.

2015-2020 AHRQ Improving Quality of Postoperative Pain Care Through Innovative Use of Electronic Health Records. PI: Hernandez-Boussard, Tina. Co-Investigator. AHRQ.

2007-2019 RAND Evidence-based Practice Center (EPC). PI: Shekelle, Paul. Subcontract Principal Investigator and Co-Investigator. AHRQ.

2018-2019 Veterans Affairs Portland Health Care System Care Coordination. PI: Hynes, Denise. IPA Principal Investigator. VA.

2016-2018 Development of Strategic Framework and Implementation Plan for Measuring Diagnostic Excellence. PI: McDonald, Kathryn. Principal Investigator. Gordon and Betty Moore Foundation.

2017-2018 Exploring Outpatient Medication Use in Community Settings. PI: Sarkar, Urmimala. Subcontract Principal Investigator. Moore Foundation.

2014-2017 AHRQ Analytic Enhancement of the AHRQ Quality Indicators (QI). PI: McDonald, Kathryn. AHRQ/Quality Measure Contract.

2014-2017 Using Public Deliberation to Define Patient Roles in Reducing Diagnostic Error. PI: Nabatchi, Tina. Investigator. AHRQ.

2012-2017 AHRQ Quality Measure Development Contract. PI: McDonald, Kathryn. Principal Investigator. AHRQ.

2012-2017 The Geography of Acute Care. PI: Delgado, Kit. Advisor. AHRQ/Ro1.

2014-2016 AHRQ Inventory and Prioritization of Measures to Support the Growing Effort in Transparency Using All-payer Claims Databases (APCDs). PI: McDonald, Kathryn. Principal Investigator. AHRQ.

2013-2016 Network of Patient Safety Databases Analyses of Patient Safety Events. PI: McDonald, Kathryn. Principal Investigator. AHRQ.

2012-2014 AHRQ Emergency Department-Related Quality Measurement. PI: McDonald, Kathryn. Principal Investigator. AHRQ.

1999-2014 Center on Demography and Economics of Health and Aging. PI: Garber, Alan. Associate Director and Investigator. NIH/NIA.

2004-2014	Center on Advancing Decision Making in Aging. PI: Garber, Alan. Associate Director and Investigator. NIH/NIA.
2012-2013	AHRQ Integrating NHQR/NHDR Quality Measurement Resources. PI: McDonald, Kathryn. Principal Investigator. AHRQ.
2008-2012	Characterization of Readmission in California and an Estimation of the Impact of Post-Discharge Complications on the Sensitivity of the AHRQ QIs. PI: McDonald, Kathryn. Principal Investigator. The Gordon and Moore Foundation.
2004-2011	Support for Quality Indicators- II. PI: McDonald, Kathryn. Principal Investigator. AHRQ/Battelle subcontract.
2005-2009	Comparative Effectiveness Reviews for MMA Section 1013. PI: Owens, Douglas. Co-Investigator. AHRQ/EPIC.
2002-2009	Stanford-UCSF Evidence-based Practice Center (EPC). PI: Hlatky, Mark. Investigator and Center Coordinator. AHRQ.
2002-2008	Broad-based Support for the EPC Program. PI: Hlatky, Mark. Investigator. AHRQ.
2003-2007	Best Practices for Quality Health Care. PI: McDonald, Kathryn. Co-Investigator. AHRQ.
2001-2006	China- US Health and Aging Research Program. PI: Garber, Alan. Key Personnel. NIH/AHRQ.
2005-2006	Diagnosis and Management of Pediatric Anthrax. PI: McDonald, Kathryn. Co-Investigator. AHRQ.
1999-2004	A Global Analysis of Technological Change in Health Care. PI: McClellan, Mark. Co-Investigator. NIH/NIA.
2002-2004	Support for Quality Indicators. PI: McDonald, Kathryn. Principal Investigator. AHRQ.
2002-2004	Regional Models for Bioterrorism Preparedness. PI: McDonald, Kathryn. Co-Investigator. AHRQ.

## SCHOLARSHIP

### Publications

#### Peer reviewed Journal Articles

1. Zrelak PA, Utter GH, **McDonald KM**, Houchens RL, Davies SM, Skinner HG, Owens PL. Incorporating Harms into the Weighting of the Revised AHRQ Patient Safety for Selected Indicators Composite (PSI 90) (in press, Health Services Research)
2. Lundberg B, **McDonald K**. (2021) Mandatory Public Health Measures for Coronavirus-19 Are Associated With Improved Mortality, Equity and Economic Outcomes. International Journal of Health Services Research. DOI: 10.1177/00207314211049306
3. Lyson HC, Sharma AE, Cherian R, Patterson ES, **McDonald KM**, Lee SY, Sarkar U. (2021). A qualitative analysis of outpatient medication use in community settings: Observed safety vulnerabilities and recommendations for improved patient safety. Journal of Patient Safety. 17, 4, p. E335-E342A. doi: 10.1097/PTS.000000000000590
4. Yousef EA, Sutcliffe KM, **McDonald KM**, Newman-Toker. Crossing Academic Boundaries for Diagnostic Safety: 10 Complex Challenges and Potential Solutions from Clinical Perspectives and High-Reliability Organizing Principles. (2021) Human Factors. March 2021. doi:10.1177/0018720821996187

5. Gleason, K. & **McDonald, KM**, (2020). In response to Ledford and colleagues Toward a Model of Shared Meaningful Diagnosis: How to capture a shared, meaningful diagnosis? In: Patient Education and Counseling. 103, 12, pp. 2616-2617
6. Chin KK, Carroll I, Desai K, Asch S, Seto T, **McDonald KM**, Curtin C, Hernandez-Boussard T. (2020). Integrating adjuvant analgesics into perioperative pain practice: Results from an academic medical center. (1, vol. 21, pp. 161-170). *Pain Medicine (United States)*. doi: 10.1093/pm/pnz053.
7. Weng Y, Tian L, Tedesco D, Desai K, Asch SM, Carroll I, Curtin C, **McDonald KM**, Hernandez-Boussard T. (2020). Trajectory analysis for postoperative pain using electronic health records: A nonparametric method with robust linear regression and K-medians cluster analysis. In: Health Informatics Journal. 26, 2, p. 1404-1418 15 p. doi: 10.1177/1460458219881339.
8. Campione JR, Mardon RE, **McDonald KM**. (2019). Patient Safety Culture, Health Information Technology Implementation, and Medical Office Problems That Could Lead to Diagnostic Error. (4, vol. 15, pp. 267-273). *Journal of Patient Safety*. doi: 10.1097/PTS.0000000000000531.
9. **McDonald KM**, Singer SJ, Gorin SS, Haggstrom DA, Hynes DM, Charns MP, Yano EM, Lucatorto MA, Zulman DM, Ong MK, Axon RN, Vogel D, Upton M. (2019). Incorporating Theory into Practice: Reconceptualizing Exemplary Care Coordination Initiatives from the US Veterans Health Delivery System. (vol. 34, pp. 24-29). *Journal of General Internal Medicine*. doi: 10.1007/s1160601904969w.
10. Peterson K, Anderson J, Bourne D, Charns MP, Gorin SS, Hynes DM, **McDonald KM**, Singer SJ, Yano EM. (2019). Health Care Coordination Theoretical Frameworks: a Systematic Scoping Review to Increase Their Understanding and Use in Practice. (vol. 34, pp. 90-98). *Journal of General Internal Medicine*. doi: 10.1007/s1160601904966z.
11. Gori D, Dulal R, Blayney DW, Brooks JD, Fantini MP, **McDonald KM**, Hernandez-Boussard T. (2019). Utilization of Prostate Cancer Quality Metrics for Research and Quality Improvement: A Structured Review. (3, vol. 45, pp. 217-226). *Joint Commission Journal on Quality and Patient Safety*. doi: 10.1016/j.jcjq.201806004.
12. Magnani CJ, Li K, Seto T, **McDonald KM**, Blayney DW, Brooks JD, Hernandez-Boussard T. (2019). PSA testing use and prostate cancer diagnostic stage after the 2012 U.S. preventive services task force guideline changes. (7, vol. 17, pp. 795-803). *JNCCN Journal of the National Comprehensive Cancer Network*. doi: 10.6004/jnccn20187274.
13. **McDonald KM**, Rodriguez HP, Shortell SM. (2018). Organizational influences on time pressure stressors and potential patient consequences in primary care. (10, vol. 56, pp. 822-830). *Medical Care*. doi: 10.1097/MLR.0000000000000974.
14. Desai K, Carroll I, Asch SM, Seto T, **McDonald KM**, Curtin C, Hernandez-Boussard T. (2018). Utilization and effectiveness of multimodal discharge analgesia for postoperative pain management. (vol. 228, pp. 160-169). *Journal of Surgical Research*. doi: 10.1016/j.jss.201803029.
15. Sarkar U, McDonald K, Motala A, Smith P, Zipperer L, Wachter RM, Shanman R, Shekelle PG. Pragmatic Insights on Patient Safety Priorities and Intervention Strategies in Ambulatory Settings. *Jt Comm J Qual Patient Saf*. 2017 Dec;43(12):661-670. doi: 10.1016/j.jcjq.2017.06.009.

16. Hernandez-Boussard T, Davies S, **McDonald K**, Wang NE. (2017). Interhospital facility transfers in the United States: A nationwide outcomes study. (4, vol. 13, pp. 187-191). *Journal of Patient Safety*. doi: 10.1097/PTS.000000000000148.
17. Tedesco D, Asch SM, Curtin C, Hah J, **McDonald KM**, Fantini MP, Hernandez-Boussard T. (2017). Opioid abuse and poisoning: Trends in inpatient and emergency department discharges. (10, vol. 36, pp. 1748-1753). *Health Affairs*. doi: 10.1377/hlthaff.20170260.
18. Tedesco D, Gori D, Desai KR, Asch S, Carroll IR, Curtin C, **McDonald KM**, Fantini MP, Hernandez-Boussard T. (2017). Drug-free interventions to reduce pain OR opioid consumption after total knee arthroplasty a systematic review and meta-analysis. (10, vol. 152). *JAMA Surgery*. doi: 10.1001/jamasurg.20172872.
19. Davies S, Schultz E, Raven M, Wang NE, Stocks CL, Delgado MK, **McDonald KM**. (2017). Development and Validation of the Agency for Healthcare Research and Quality Measures of Potentially Preventable Emergency Department (ED) Visits: The ED Prevention Quality Indicators for General Health Conditions. (5, vol. 52, pp. 1667-1684). *Health Services Research*. doi: 10.1111/1475677312687.
20. Di Capua P, Clarke R, Tseng CH, Wilhalme H, Sednew R, **McDonald KM**, Skootsky SA, Wenger N. (2017). The effect of implementing a care coordination program on team dynamics and the patient experience. (8, vol. 23, pp. 494-500). *American Journal of Managed Care*.
21. Kwong JZ, Weng Y, Finnegan M, Schaffer R, Remington A, Curtin C, **McDonald KM**, Bhattacharya J, Hernandez-Boussard T. (2017). Effect of medicare's nonpayment policy on surgical site infections following orthopedic procedures. (7, vol. 38, pp. 817-822). *Infection Control and Hospital Epidemiology*. doi: 10.1017/jice.201786.
22. **McDonald KM**, Su G, Lisker S, Patterson ES, Sarkar U. (2017). Implementation science for ambulatory care safety: A novel method to develop context-sensitive interventions to reduce quality gaps in monitoring high-risk patients. (1, vol. 12). *Implementation Science*. doi: 10.1186/s1301201706095.
23. Tedesco D, Hernandez-Boussard T, Carretta E, Rucci P, Rolli M, Di Denia P, **McDonald K**, Fantini MP. (2016). Evaluating patient safety indicators in orthopedic surgery between Italy and the USA. (4, vol. 28, pp. 486-491). *International Journal for Quality in Health Care*. doi: 10.1093/intqhc/mzw053.
24. Hernandez-Boussard TM, **McDonald KM**, Morrison DE, Rhoads KF. (2016). Risks of adverse events in colorectal patients: Population-based study. (2, vol. 202, pp. 328-334). *Journal of Surgical Research*. doi: 10.1016/j.jss.201601013.
25. Moghavem N, **McDonald K**, Ratliff JK, Hernandez-Boussard T. (2016). Performance measures in neurosurgical patient care. (4, vol. 54, pp. 359-364). *Medical Care*. doi: 10.1097/MLR.000000000000490.
26. Yanamadala S, Morrison D, Curtin C, **McDonald K**, Hernandez-Boussard T. (2016). Electronic health records and quality of care an observational study modeling impact on mortality, readmissions, and complications. (19, vol. 95). *Medicine (United States)*. doi: 10.1097/MD.0000000000003332.

27. Hernandez-Boussard T, **McDonald KM**, Rhoads KF, Curtin CM. (2015). Patient Safety in Plastic Surgery: Identifying Areas for Quality Improvement Efforts. (5, vol. 74, pp. 597-602). *Annals of Plastic Surgery*. doi: 10.1097/SAP.0b013e318297791e.
28. Fingar KR, Smith MW, Davies S, **McDonald KM**, Stocks C, Raven MC. (2015). Medicaid dental coverage alone may not lower rates of dental emergency department visits. (8, vol. 34, pp. 1349-1357). *Health Affairs*. doi: 10.1377/hlthaff.2015.0223.
29. Davies SM, Saynina O, Baker LC, **McDonald KM**. (2015). Impact of Including Readmissions for Qualifying Events in the Patient Safety Indicators. (2, vol. 30, pp. 114-118). *American Journal of Medical Quality*. doi: 10.1177/1062860613518341.
30. Lenzi J, Luciano L, **McDonald KM**, Rosa S, Damiani G, Corsello G, Fantini MP. (2014). Empirical examination of the indicator 'pediatric gastroenteritis hospitalization rate' based on administrative hospital data in Italy. (1, vol. 40). *Italian Journal of Pediatrics*. doi: 10.1186/182472884014.
31. Luciano L, Lenzi J, **McDonald KM**, Rosa S, Damiani G, Corsello G, Fantini MP. (2014). Empirical validation of the "pediatric Asthma Hospitalization Rate" indicator. (1, vol. 40). *Italian Journal of Pediatrics*. doi: 10.1186/18247288407.
32. Schultz EM, **McDonald KM**. (2014). What is care coordination?. (1-2, vol. 17, pp. 5-24). *International Journal of Care Coordination*. doi: 10.1177/2053435414540615.
33. Arkin N, Lee PHU, **McDonald K**, Hernandez-Boussard T. (2014). The association of nurse-to-patient ratio with mortality and preventable complications following aortic valve replacement. (2, vol. 29, pp. 141-148). *Journal of Cardiac Surgery*. doi: 10.1111/jocs.12284.
34. Sensi L, Tedesco D, Mimmi S, Rucci P, Pisano E, Pedrini L, **McDonald KM**, Fantini MP. (2013). Hospitalization rates and post-operative mortality for abdominal aortic aneurysm in Italy over the period 2000-2011. (12, vol. 8). *PLoS ONE*. doi: 10.1371/journal.pone.0083855.
35. **McDonald KM**. (2013). Considering context in quality improvement interventions and implementation: Concepts, frameworks, and application. (6 SUPPL., vol. 13). *Academic Pediatrics*. doi: 10.1016/j.acap.2013.04.013.
36. **McDonald KM**, Bryce CL, Graber ML. (2013). The patient is in: Patient involvement strategies for diagnostic error mitigation. (SUPPL.2, vol. 22). *BMJ Quality and Safety*. doi: 10.1136/bmjqs-2012001623.
37. Newman-Toker DE, **McDonald KM**, Meltzer DO. (2013). How much diagnostic safety can we afford, and how should we decide? A health economics perspective. (SUPPL.2, vol. 22). *BMJ Quality and Safety*. doi: 10.1136/bmjqs-2012001616.
38. Schultz EM, Pineda N, Lonhart J, Davies SM, **McDonald KM**. (2013). A systematic review of the care coordination measurement landscape. (1, vol. 13). *BMC Health Services Research*. doi: 10.1186/1472696313119.
39. Shekelle PG, Pronovost PJ, Wachter RM, **McDonald KM**, Schoelles K, Dy SM, Shojania K, Reston JT, Adams AS, Angood PB, Bates DW, Bickman L, Carayon P, Donaldson L, Duan N, Farley DO, Greenhalgh T, Haughom JL, Lake E, Lilford R, Lohr KN, Meyer GS, Miller MR, Neuhauser DV, Ryan



- G, Saint S, Shortell SM, Stevens DP, Walshe K. (2013). The top patient safety strategies that can be encouraged for adoption now. (5 PART 2, vol. 158, pp. 365-368). *Annals of Internal Medicine*.
40. Schmidt E, Goldhaber-Fiebert SN, Ho LA, **McDonald KM**. (2013). Simulation exercises as a patient safety strategy: A systematic review. (5 PART 2, vol. 158, pp. 426-432). *Annals of Internal Medicine*.
41. **McDonald KM**, Matesic B, Contopoulos-Ioannidis DG, Lonhart J, Schmidt E, Pineda N, Ioannidis JPA. (2013). Patient safety strategies targeted at diagnostic errors: A systematic review. (5 PART 2, vol. 158, pp. 381-389). *Annals of Internal Medicine*.
42. Shekelle PG, Wachter RM, Pronovost PJ, Schoelles K, **McDonald KM**, Dy SM, Shojania K, Reston J, Berger Z, Johnsen B, Larkin JW, Lucas S, Martinez K, Motala A, Newberry SJ, Noble M, Pfoh E, Ranji SR, Rennke S, Schmidt E, Shanman R, Sullivan N, Sun F, Tipton K, Treadwell JR, Tsou A, Vaiana ME, Weaver SJ, Wilson R, Winters BD. (2013). Making health care safer II: an updated critical analysis of the evidence for patient safety practices.. (211, pp. 1-945). *Evidence report/technology assessment*.
43. Davies SM, Saynina O, **McDonald KM**, Baker LC. (2013). Limitations of using same-hospital readmission metrics. (6, vol. 25, pp. 633-639). *International Journal for Quality in Health Care*. doi: 10.1093/intqhc/mzto68.
44. Davies S, Saynina O, Schultz E, **McDonald KM**, Baker LC. (2013). Implications of metric choice for common applications of readmission metrics. (6 PART1, vol. 48, pp. 1978-1995). *Health Services Research*. doi: 10.1111/1475677312075.
45. **McDonald KM**, Schultz EM, Chang C. (2013). Evaluating the state of quality-improvement science through evidence synthesis: insights from the closing the quality gap series.. (4, vol. 17, pp. 52-61). *The Permanente journal*. doi: 10.7812/TPP/13-010.
46. Eddy DM, Hollingworth W, Caro JJ, Tsevat J, **McDonald KM**, Wong JB. (2012). Model transparency and validation: A report of the ISPOR-SMDM modeling good research practices task force-7. (6, vol. 15, pp. 843-850). *Value in Health*. doi: 10.1016/j.jval201204012.
47. Eddy DM, Hollingworth W, Caro JJ, Tsevat J, **McDonald KM**, Wong JB. (2012). Model transparency and validation: A report of the ISPOR-SMDM modeling good research practices task force-7. (5, vol. 32, pp. 733-743). *Medical Decision Making*. doi: 10.1177/0272989X12454579.
48. Hernandez-Boussard T, **McDonald KM**, Morton JM, Dalman RL, Bech FR. (2012). Determinants of adverse events in vascular surgery. (5, vol. 214, pp. 788-797). *Journal of the American College of Surgeons*. doi: 10.1016/j.jamcollsurg201201045.
49. Hernandez-Boussard T, Downey JR, **McDonald K**, Morton JM. (2012). Relationship between patient safety and hospital surgical volume. (2, vol. 47, pp. 756-769). *Health Services Research*. doi: 10.1111/j.14756773201101310x.
50. Davies S, Romano PS, Schmidt EM, Schultz E, Geppert JJ, **McDonald KM**. (2011). Assessment of a novel hybrid Delphi and nominal groups technique to evaluate quality indicators. (6 PART 1, vol. 46, pp. 2005-2018). *Health Services Research*. doi: 10.1111/j.14756773201101297x.

51. Davies S, **McDonald KM**, Schmidt E, Schultz E, Geppert J, Romano PS. (2011). Expanding the uses of AHRQ's prevention quality indicators: Validity from the clinician perspective. (8, vol. 49, pp. 679-685). *Medical Care*. doi: 10.1097/MLR.0b013e3182159e65.
52. Taylor SL, Dy S, Foy R, Hempel S, **McDonald KM**, Øvretveit J, Pronovost PJ, Rubenstein LV, Wachter RM, Shekelle PG. (2011). What context features might be important determinants of the effectiveness of patient safety practice interventions? (7, vol. 20, pp. 611-617). *BMJ Quality and Safety*. doi: 10.1136/bmjqs.2010049379.
53. Øvretveit JC, Shekelle PG, Dy SM, **McDonald KM**, Hempel S, Pronovost P, Rubenstein L, Taylor SL, Foy R, Wachter RM. (2011). How does context affect interventions to improve patient safety? An assessment of evidence from studies of five patient safety practices and proposals for research. (7, vol. 20, pp. 604-610). *BMJ Quality and Safety*. doi: 10.1136/bmjqs.2010047035.
54. Dy SM, Taylor SL, Carr LH, Foy R, Pronovost PJ, Øvretveit J, Wachter RM, Rubenstein LV, Hempel S, **McDonald KM**, Shekelle PG. (2011). A framework for classifying patient safety practices: Results from an expert consensus process. (7, vol. 20, pp. 618-624). *BMJ Quality and Safety*. doi: 10.1136/bmjqs.2010049296.
55. Foy R, Ovretveit J, Shekelle PG, Pronovost PJ, Taylor SL, Dy S, Hempel S, **McDonald KM**, Rubenstein LV, Wachter RM. (2011). The role of theory in research to develop and evaluate the implementation of patient safety practices. (5, vol. 20, pp. 453-459). *BMJ Quality and Safety*. doi: 10.1136/bmjqs2010047993.
56. Yank V, Tuohy V, Logan AC, Bravata DM, Staudenmayer K, Eisenhut R, Sundaram V, McMohan D, Olkin I, **McDonald KM**, Owens DK, Stafford RS. (2011). Systematic review: Benefits and harms of in-hospital use of recombinant factor viia for off-label indications. (8, vol. 154, pp. 529-540). *Annals of Internal Medicine*. doi: 10.7326/00034819154820110419000004.
57. Shekelle PG, Pronovost PJ, Wachter RM, Taylor SL, Dy SM, Foy R, Hempel S, **McDonald KM**, Ovretveit J, Rubenstein LV, Adams AS, Angood PB, Bates DW, Bickman L, Carayon P, Donaldson L, Duan N, Farley DO, Greenhalgh T, Haughom J, Lake ET, Lilford R, Lohr KN, Meyer GS, Miller MR, Neuhauser DV, Ryan G, Saint S, Shojania KG, Shortell SM, Stevens DP, Walshe K. (2011). Advancing the science of patient safety. (10, vol. 154, pp. 693-696). *Annals of Internal Medicine*. doi: 10.7326/000348191541020110517000011.
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### Government Reports (*List present to past*)

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2. AHRQ Quality Indicators Resources – including Technical Reports, Software Documentation, Empirical Methods, Change Logs for Updates, archived Reports for ~15 years of involvement in the program, overseen as principal investigator (2014-2017)– available at <http://qualityindicators.ahrq.gov>
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  60. **McDonald KM**, Saynina O, Geppert J, Hlatky MA, McClellan MB. Trends in hospital treatment of ventricular arrhythmias among medicare beneficiaries, 1986-1994. *Circulation*. 1998;98:1-13.
  61. Clark C, Alexander M, Baker L, **McDonald K**, Hlatky M. Racial and ethnic differences in the use of diagnostic and treatment procedures for sudden cardiac death. Association of Health Services Research Proceedings, June 1998:263.
  62. Lenert L, Ziegler J, Lee T, Vagelos R, Hornberger J, **McDonald K**. Utility elicitation for decision support: cardiology patients' understanding and acceptance of the standard gamble. *Med*

- Decis Making. 1997; 17:520.
63. Sanders GD, Every NR, **McDonald KM**, Parsons LS, Heidenreich PA, Hlatky MA, Owens DK. Cost effectiveness of implantable cardiac defibrillators (ICDs) after myocardial infarction (MI). *Med Decis Making*. 1997; 17:531.
  64. Owens DK, Sanders GD, Heidenreich PA, **McDonald KM**, Dembitzer AD, Hlatky MA. Identification of patients at high risk for sudden cardiac death. *Med Decis Making*. 1996; 16:456
  65. Lenert LA, Ziegler J, **McDonald K**, Hlatky M, Homberger J. Utilities for health states with arrhythmias. *Med Decis Making*. 1996; 16:447.
  66. 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.]
  67. **McDonald K**, Aton E, Campbell B, Lenert L, Hlatky M, Homberger J. Perceptions of patients and their families about near-fatal arrhythmias and treatments to prevent recurrence. *Med Decis Making*. 1996; 16:460.
  68. Sim I, Gupta M, **McDonald KM**, Bourassa MG, Hlatky MA. Relative risks of bypass surgery and coronary angioplasty for multivessel coronary artery disease: a metaanalysis. American Heart Association 68th Scientific Sessions, November 13-16, 1995. *Circulation Supplement I*. 1995; 92:1-9.
  69. Owens DK, Sanders GD, Harris RA, **McDonald KM**, Hlatky MA. Cost effectiveness of third-generation implantable cardioverter-defibrillators for prevention of sudden cardiac death. *Med Decis Making*. 1995; 15:420.

## Conference Meetings/Presentations

### International

- 2021 **McDonald K**. Developing an Equity-informed Roadmap for Patient-reported Measures (PROMS and PREMS), including Measurement Priorities for Reducing Disparities. In Session: Patient-reported Diagnostic Errors: Experience So Far and Future Directions. Society to Improve Diagnosis in Medicine DEM 14<sup>th</sup> Annual International Conference. Virtual International. (10/27/2021)
- 2021 **McDonald K**. Using Human-centered Design to Generate Solutions Towards Reducing Diagnostic Disparities in Your Environment. Society to Improve Diagnosis in Medicine DEM 14<sup>th</sup> Annual International Conference. Virtual International. (10/26/2021) Session Organizer
- 2019 **McDonald K**. Summarizing Patient and Family Perspectives on Diagnostic Error – Historical Overview. Presented at the 2nd Australasian Diagnostic Error in Medicine Conference. Melbourne, Australia. (04/28/2019).
- 2019 **McDonald K**. Bedside to Boardroom: The Roles Patients and Communities Can Play in Supporting Diagnostic Excellence. Presented at the 2nd Australasian Diagnostic Error in Medicine Conference. Melbourne, Australia. (04/28/2019).
- 2019 **McDonald K**. Diagnostic Safety and Quality: A Researcher's Journey with Patients, Families, & Healthcare Professionals. Presented at the Australian Commission on Safety and Quality in Health Care. Sydney, Australia. (04/24/2019).

- 2016 **McDonald K.** Session Chair. Oral Abstracts: Health services, outcomes & policy research. 6th Biennial European Conference. London, United Kingdom of Great Britain and Northern Ireland (the). (06/2016).
- 2014 **McDonald K.** Evaluating Strategies and Practices that Deliver: From Behaviors to the Critical Role of Measurement. University College Dublin, Ireland. Dublin, Ireland. (01/16/2014).
- 2012 **McDonald K.** 10th Annual Meeting of the Quality Improvement Research Network (QIRN). Discussant. The Karolinska Institutet. Stockholm, Sweden. (06/04/2012).
- 2012 **McDonald K.** The Contribution of Evidence Review to Improving Health Care. Karolinska Institutet Medical Management Centre 10th Anniversary Conference on Translational Research, Knowledge Translation and Implementation Science. Stockholm, Sweden. (05/29/2012).
- 2012 **McDonald K.** Care Coordination Measurement Landscape. Seminar Medical Management Centre, The Karolinska Institutet. Stockholm, Sweden. (05/28/2012).
- 2010 **McDonald K.** Presidential Address: SMDM as a Catalyst—Personally, Professionally, Playfully and Powerfully. Society for Medical Decision Making Annual Conference. Canada. (10/26/2010).
- 2003 **McDonald K.** 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.. United States of America (the). (11/05/2003).
- 1999 **McDonald K.** Health Economics Implications of Treatment of Coronary Events. The XV International Scientific Meeting of the International Epidemiological Association. Florence, Italy. (09/03/1999).
- 1999 **McDonald K.** A Global Analysis of Technological Change in Health Care: Heart Attacks. The XV International Scientific Meeting of the International Epidemiological Association. Florence, Italy. (09/03/1999).

## National

- 2021 **McDonald K.** Equity in Diagnosis and Strategies to Mitigate Disparities (Workshop Session). Achieving Excellence in Cancer Diagnosis. National Academies of Science, Engineering, Medicine. Virtual (10/6/2021). Session Leader and Moderator.
- 2021 **McDonald K.** Equity in Diagnosis and Strategies to Mitigate Disparities (Workshop Session). Achieving Excellence in Diagnosis of Acute Cardiovascular Events. National Academies of Science, Engineering, Medicine. Virtual (4/23/2021). Session Leader and Moderator.
- 2021 **McDonald K.** Understanding Diagnosis: Mapping Diagnostic Error. Convening on Missed and Delayed Diagnosis of Heart Disease in Women (WomenHeart, SIDM and PCORI). Virtual. (1/27/2021). Speaker.
- 2020 **McDonald K.** Relational Coordination Research Collaborative Roundtable. Fostering Worker Well Being and Development. Virtual. (11/05/2020). Moderator
- 2020 **McDonald K.** Society to Improve Diagnosis in Medicine. Breaking Down Silos: Patients as Co-Producers of Better Diagnosis in Practice, Delivery Systems & Research. Virtual. (10/20/2020). Speaker, Session Organizer
- 2020 **McDonald K.** Society to Improve Diagnosis in Medicine. Lunch & Learn: Network with the Center for Diagnostic Excellence at Johns Hopkins. Virtual. (10/19/2020). Speaker
- 2020 **McDonald K.** Society for Medical Decision Making. COVID-19 Decision Modeling Initiative Keynote Panel with Dr. Harvey Fineberg (President, Moore Foundation. Virtual. (10/06/2020). Session Leader and Moderator

- 2020 **McDonald K.** System Improvement Effort for Diagnostic Excellence (Workshop Session). Achieving Excellence in Sepsis Diagnosis. National Academies of Sciences, Engineering, Medicine. Session Leader and Moderator
- 2018 **McDonald K.** Applying Implementation Science to Closing Quality Gaps Related to Diagnosis in Ambulatory Settings. Department of Population Health Science. Duke University. Durham, North Carolina, United States of America (the). (07/10/2018).
- 2018 **McDonald K.** Importance of Quality Measures in Health Care. Operationalizing Innovation Colloquium. Harvard University at Google. Mountain View, California, United States of America (the). (06/14/2018).
- 2018 **McDonald K.** Applying the Conceptual Framework on Improving Diagnosis from the National Academies to Two Studies of Ambulatory Care Organizations. Department of Health Policy and Management Seminar at the Gillings School of Global Public Health. University of North Carolina. Chapel Hill, North Carolina, United States of America (the). (03/09/2018).
- 2018 **McDonald K.** Using the Conceptual Framework on Improving Diagnosis from the National Academies for Ambulatory Care Organizations Research. School of Public Health Seminar. The Ohio State University. Columbus, Ohio, United States of America (the). (01/30/2018).
- 2018 **McDonald K.** Applying the Conceptual Framework on Improving Diagnosis from the National Academies to Study Ambulatory Care Organizations. Department of Health Policy and Management Seminar at Mailman School of Public Health. Columbia University. New York, New York, United States of America (the). (01/24/2018).
- 2018 **McDonald K.** Using the Conceptual Framework on Improving Diagnosis from the National Academies for Ambulatory Care Health Services Research. HSR Career Development Seminar. University of Texas. San Antonio, Texas, United States of America (the). (01/18/2018).
- 2017 **McDonald K.** Integrating Implementation Science and Organization Science. Organization Theory in Health Care Association. Annual Conference, 2017. Berkeley, California, United States of America (the). (06/16/2017).
- 2016 **McDonald K.** "Value and Safety," Health Policy through 2020: The ACA, Payment Reform and Global Challenges, sponsored by Stanford Health Policy. Stanford, California, United States of America (the). (10/14/2016).
- 2016 **McDonald K.** 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, Oregon, United States of America (the). (10/2016).
- 2015 **McDonald K.** Patient Safety: Get the Diagnosis Right. The Fifth Annual Lundberg Institute Lecture. The Commonwealth Club. San Francisco, California, United States of America (the). (11/10/2015).
- 2015 **McDonald K.** 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, New York, United States of America (the). (10/2015).
- 2014 **McDonald K.** Relational Coordination and the Future of Patient Focused Care. Compassion and Health Care Conference. San Francisco, California, United States of America (the). (11/12/2014).
- 2014 **McDonald K.** "Deep" Root Cause Analysis: Patient and Professional Dialog on Diagnostic Errors? (moderator/session convener). Diagnostic Error in Medicine. Atlanta, Georgia, United States of America (the). (09/15/2014).

- 2014 **McDonald K.** Patient Summit: How to Reduce Chances of Misdiagnosis (moderator/session convener). Diagnostic Error in Medicine. Atlanta, Georgia, United States of America (the). (09/14/2014).
- 2013 **McDonald K.** A Window to Community-based Population Health: Emergency Department Community Indicator Development for National Surveillance and Local Action. Population Health Sciences Colloquium. Stanford, California, United States of America (the). (09/26/2013).
- 2013 **McDonald K.** 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, California, United States of America (the). (03/21/2013).
- 2012 **McDonald K.** Care Coordination Quality Improvement Measures: Building an Evidence Base. San Antonio, Texas, United States of America (the). (07/2012).
- 2012 **McDonald K.** 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, Virginia, United States of America (the). (05/2012).
- 2012 **McDonald K.** Sg2 and Modern Healthcare Luncheon & Forecasting Panel. 2012 MacEachern Symposium: What Happened to Altruism in Healthcare?. Evanston, Illinois, United States of America (the). (04/25/2012).
- 2012 **McDonald K.** Mapping the Care Coordination Measures Landscape. Health Services Research Seminar at the University of Pittsburgh. Pittsburgh, Pennsylvania, United States of America (the). (04/17/2012).
- 2011 **McDonald K.** 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, Alabama, United States of America (the). (10/31/2011).
- 2011 **McDonald K.** Measuring Interventions and their Impact. Relational Coordination Research Collaborative Roundtable. Cambridge, Massachusetts, United States of America (the). (10/28/2011).
- 2011 **McDonald K.** How Much Diagnostic Safety Can We Afford? Diagnostic Error in Medicine (DEM) Annual Conference. Chicago, Illinois, United States of America (the). (10/26/2011).
- 2011 **McDonald K.** 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, United States of America (the). (07/30/2011).
- 2011 **McDonald K.** Forecasting Panel. 2011 MacEachern Symposium: Re-Forming Healthcare After Health Reform: ACOs and Other Innovations in Healthcare. Evanston, Illinois, United States of America (the). (05/11/2011).
- 2011 **McDonald K.** Measuring Context in Health Care Quality Improvement (QI) Interventions. Academic Pediatric Association Conference for Pediatric Quality Improvement Methods, Research and Evaluation. Denver, Colorado, United States of America (the). (04/29/2011).
- 2009 **McDonald K.** 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, California, United States of America (the). (07/29/2009).
- 2009 **McDonald K.** Outcomes for Our Health System in 20 Years. 3rd Annual Haas Business of Health Care Conference. Berkeley, California, United States of America (the). (02/08/2009).

- 2007 **McDonald K.** 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, Pennsylvania, United States of America (the). (07/11/2007).
- 2007 **McDonald K.** 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, Pennsylvania, United States of America (the). (03/07/2007).
- 2006 **McDonald K.** Evidence-based Practice Centers. Research and Context. Palo Alto Research Center. Palo Alto, California, United States of America (the). (12/12/2006).
- 2006 **McDonald K.** Evidence-based Medicine Method and Projects at the Stanford-UCSF EPCs. Professionalism in Contemporary Practice. Stanford, California, United States of America (the). (09/15/2006).
- 2006 **McDonald K.** Assessing Pediatric Healthcare Quality in U.S. Hospitals and Regions Using Readily Available Administrative Data. HCQO<sub>4</sub> Fourth Annual Bay Area Health Care Quality and Outcomes Conference. San Francisco, California, United States of America (the). (05/25/2006).
- 2006 **McDonald K.** Validating the AHRQ Patient Safety Indicators: Current Uses and Research. Eighth Annual National Patient Safety Foundation Congress. San Francisco, California, United States of America (the). (05/11/2006).
- 2006 **McDonald K.** Development of Pediatric Quality Indicators Based on Hospital Administrative Data.. Pediatric Academic Societies' 2006 Annual Meeting. San Francisco, California, United States of America (the). (04/26/2006).
- 2006 **McDonald K.** Center for Demography, Economics and Health in Aging (CDEHA) Research. American Society of Health Economists’ first annual conference. University of Wisconsin-Madison. Madison, Wisconsin, United States of America (the). (01/07/2006).
- 2005 **McDonald K.** Overview of the Pediatric Quality Indicators Module. AHRQ Quality Indicators Users Meeting. Stanford, California, United States of America (the). (09/26/2005).
- 2005 **McDonald K.** Development, Refinement and Ongoing Validation of the AHRQ Quality Indicators. Kaiser Division of Research Seminar. Oakland, California, United States of America (the). (05/03/2005).
- 2005 **McDonald K.** Development of Pediatric Quality Indicators using Hospital Discharge Data. Stanford University Center for Primary Care and Outcomes Research. Stanford, California, United States of America (the). (02/02/2005).
- 2004 **McDonald K.** Closing the Quality Gap: Care Coordination. Evidence-based Practice Centers Annual Directors’ Meeting, United States of America (the). (11/05/2004).
- 2004 **McDonald K.** Data Workshop—HCUP and AHRQ Quality and Patient Safety Indicators. 10th Annual NRSA Trainees Research Conference. San Diego, California, United States of America (the). (06/05/2004).
- 2004 **McDonald K.** Benchmarks and Handbook for Regional Planners: Evidence on Regionalization of Bioterrorism Response. AHRQ User Liaison Program for senior Federal, State Benchmarks and Handbook for Regional Planners: Evidence on Regionalization of Bioterrorism Response. Chicago, Illinois, United States of America (the). (05/18/2004).
- 2003 **McDonald K.** Quality Indicators for Inpatient Care, Patient Safety and Avoidable Hospitalizations: Building a Bridge from Indicator Development to User Applications. 5th International Conference on the Scientific Basis of Health: Global Evidence for Local Decisions, United States of America (the). (09/22/2003).

- 2003 **McDonald K.** Series of Patient Safety Climate presentations. Executive Teams at CHP/PCOR Patient Safety Consortium hospitals (numerous hospitals in Southern and Northern California. Southern and Northern, California, United States of America (the). (06/2003).
- 2003 **McDonald K.** AHRQ Quality Indicators Workshop. American Association of Health Plans. Atlanta, Georgia, United States of America (the). (04/30/2003).
- 2003 **McDonald K.** Patient Safety Surveillance Using Hospital Discharge Data: Opportunities and Obstacles. Stanford University Center for Primary Care and Outcomes Research. Stanford, California, United States of America (the). (01/29/2003).
- 2002 **McDonald K.** Patient Safety Indicators: Identifying Potential Preventable Complications Using Hospital Discharge Data. Patient Safety Seminar VHA West Coast. Pleasanton, California, United States of America (the). (12/19/2002).
- 2002 **McDonald K.** Health Services Research 101: Systematic Review Methods Used at the Stanford-UCSF Evidence- Based Practice Center. Primary Care and Outcomes Research. Stanford, California, United States of America (the). (07/24/2002).
- 2001 **McDonald K.** 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, United States of America (the). (09/2001).
- 2001 **McDonald K.** Overview of "Making Health Care Safer: A Critical Analysis of Patient Safety Practices". National Quality Forum Safe Practices Committee meeting, United States of America (the). (07/18/2001).
- 2000 **McDonald K.** Measuring Health Care and its Determinants. Population Association of America 2000 Annual Meeting. Los Angeles, California, United States of America (the). (03/23/2000).
- 1999 **McDonald K.** Technological Change in Health Care (TECH) Research Network. 16th Annual Meeting Association for Health Services Research. Chicago, Illinois, United States of America (the). (06/28/1999).
- 1998 **McDonald K.** Trends in Hospital Treatment of Ventricular Arrhythmias Among Medicare Beneficiaries, 1986-1994. American Heart Association 71st Scientific Sessions. Dallas, Texas, United States of America (the). (11/08/1998).

### Regional/Local

- 2021 **McDonald K. & Nick Reed, Au.D.** Responses to hearing Loss at the Bedside: How to Get Beyond the Pocket Talker. School of Nursing, The Center for Innovative Care in Aging. Baltimore, MD (12/07/2021). Speaker
- 2021 **McDonald K.** We are the Future of Healthcare: SOM, SON, MCEH and More. Malone Center for Engineering in Healthcare (MCEH) Annual Retreat. Baltimore, MD (11/29/2021). Speaker
- 2021 **McDonald K.** At the Intersection of Disparities and Diagnostic Excellence: Better Care for EVERYONE. Armstrong Institute for Patient Safety and Quality. Center for Diagnostic Excellence Summit. Virtual. (6/2/2021). Speaker
- 2021 **McDonald K.** Coordinating Care across the Continuum: Applying Research to Practice. Grand Rounds, Physical Medicine and Rehabilitation (Johns Hopkins School of Medicine). Virtual. Baltimore, Maryland. (5/26/2021). Speaker
- 2021 **McDonald K.** Is Organizations Research the Key to Closing Quality and Equity Gaps? Leadership, Management and Organizations in HSR Series. Center for Health Services and Outcomes

- Research (CHSOR, Johns Hopkins Bloomberg School of Public Health). Virtual. Baltimore, Maryland. (4/13/2021). Speaker
- 2021 **McDonald K.** Innovating in Interdisciplinary Implementation Science Methods. Health Literacy Faculty Interest Group (Johns Hopkins School of Nursing). Baltimore, Maryland. (1/21/2021). Speaker
- 2021 **McDonald K.** Care Coordination and Patient Reported Measures. Stroke Institute Therapy Conference. (Johns Hopkins School of Medicine). Virtual. Baltimore, Maryland. (1/25/2021). Speaker
- 2020 **McDonald K.** COVID-19 with Dr. Anthony Facui; Panel 2-The Pandemic in 2021: Setting policy priorities on filling evidence gaps. Johns Hopkins School of Nursing and COVID-19 Decision Modeling Initiative (CDMI) with Society for Medical Decision Making. Virtual. Baltimore, Maryland. (11/20/2020). Organizer, Moderator
- 2020 **McDonald K.** Care Coordination: Yesterday, Today and Tomorrow. General Internal Medicine (GIM) Fellowship Noon Conference (Johns Hopkins School of Medicine). Virtual. (10/05/2020). Speaker
- 2018 **McDonald K.** Making Quantum Leaps in Population Health: Transdisciplinary Research and the Organizational Imperative. School of Nursing & School of Medicine. The Johns Hopkins University. Baltimore, Maryland, United States of America (the). (08/22/2018).
- 2016 **McDonald K.** How Organizational Factors Impact Diagnostic Safety. AHRQ Research Summit: Improving Diagnosis in Health Care Conference. Rockville, Maryland, United States of America (the). (09/28/2016).
- 2016 **McDonald K.** Once in a Lifetime: PSO Prerogative for Reducing Diagnostic Error. 8th Annual Meeting of Patient Safety Organizations Conference. Rockville, Maryland, United States of America (the). (04/2016).
- 2015 **McDonald K.** 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, United States of America (the). (09/2015).
- 2014 **McDonald K.** Patient and Family Engagement to Reduce Diagnostic Error. United States of America (the). (03/03/2014).
- 2012 **McDonald K.** Personal Reflections on a Prevalent Commonly Missed Diagnosis: Patient and Provider Exchange (moderator/session convener). Diagnostic Error in Medicine 2012: Fifth International Conference. Baltimore, Maryland, United States of America (the). (11/2012).
- 2012 **McDonald K.** Patient-Centered Communication (moderator/session convener). Diagnostic Error in Medicine 2012: Fifth International Conference. Baltimore, Maryland, United States of America (the). (11/2012).
- 2011 **McDonald K.** Selecting Care Coordination Measures for Primary Care Practice Assessment. AHRQ Annual Conference. Bethesda, Maryland, United States of America (the). (09/2011).
- 2010 **McDonald K.** So You Think You Can Coordinate Care? Prove It!: Care Coordination Measures Atlas Project. AHRQ 2010 Annual Conference. Bethesda, Maryland, United States of America (the). (09/27/2010).
- 2009 **McDonald K.** 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. United States of America (the). (10/13/2009).



- 2009 **McDonald K.** Research Informing Policy Informing Research: Continuous Quality Improvement and the AHRQ Quality Indicator. AHRQ 2009 Annual Conference. Bethesda, Maryland, United States of America (the). (09/14/2009).
- 2009 **McDonald K.** Development of Emergency Department Quality Indicators. AHRQ 2009 Annual Conference. Bethesda, Maryland, United States of America (the). (09/14/2009).
- 2008 **McDonald K.** Ongoing and Future Research on AHRQ Quality Indicators. AHRQ Annual Meeting. Bethesda, Maryland, United States of America (the). (09/10/2008).

### Correspondence

- 2013 Jaime Caro J, Eddy DM, Hollingworth W, Tsevat J, **McDonald KM**, Wong JB, Briggs AH, Siebert U, Kuntz KM. ISPOR-SMDM task force's recommendations for good modeling practices - Reply to letter to the editor by Corro Ramos. (6, vol. 16, pp. 1108). *Value in Health*. 09/01/2013. doi: 10.1016/j.jval.2013.06.016.
- 2009 Hlatky MA, Bravata DM, **McDonald KM**, Owens DK. CABG versus PCI for multivessel coronary artery disease - Authors' reply. (9682, vol. 373, pp. 2200). *The Lancet*. 06/26/2009. doi: 10.1016/S0140-6736(09)61192-2.
- 2006 Shojania KG, Ranji SR, **McDonald KM**, Grimshaw JM, Rushakoff RJ, Owens DK. In reply [8]. (22, vol. 296, pp. 2681). *Journal of the American Medical Association*. 12/13/2006.

### Participating Presentations/Conferences

#### Presentations:

Andrew Bindman, Derek Angus, Amesh Adalja, Suzanne Bakken, Marie-Carmelle Elie, Nicole Lurie, **Kathryn McDonald**, Kosali Simon, Saul Weingart: Lessons Learned from the COVID Pandemic to Improve Diagnosis Workshop. January 2022

**KM McDonald**: "How to use human-centered design to generate solutions towards reducing diagnostic disparities in your environment," – SIDM - Diagnostic Error in Medicine 14th Annual International Conference, Virtual, October 26, 2021.

**KM McDonald**, C. Berdahl and K. Gleason: Patient Reported Diagnostic Errors. SIDM - Diagnostic Error in Medicine 14th Annual International Conference, Virtual, October 27, 2021.

Kim, JG, HP Rodriguez, ES Holmboe, **KM McDonald**, L Mazotti, DR Rittenhouse, SM Shortell, MH Kanter, Assessing the Reliability of HEDIS Quality Performance among Graduate Medical Education Programs, AAMC Annual Meeting – Research Abstract (oral presentation), Accepted for 2021

Kim, JG, E Holmboe, M Kanter, L Mazotti, **KM McDonald**, CG Morris. Patient-centric GME: Innovations in health systems to improve patient continuity, resident competency, and program social accountability, AMA ChangeResEd Conference, October 2020.

Kim, JG, HP Rodriguez, **KM McDonald**, L Mazotti, E Holmboe, MH Kanter. The Reliability of Resident and Program-Level Performance Measurement in Primary Care Graduate Medical Education, AcademyHealth Annual Research Meeting, July 2020.

Kanter MH, JG Kim, L Mazotti, **KM McDonald**, E Holmboe, Illuminating quality metrics' utility in Graduate Medical Education to link learning with patient care outcomes , ACGME Annual Meeting, San Diego, CA, February 2020.

Kanter MH, L Mazotti, JG Kim, **KM McDonald**, E Holmboe, Illuminating quality metrics' utility in GME to link learning with patient care outcomes, USC 17<sup>th</sup> Annual 2020 Innovations in Medical Education Conference, San Gabriel, CA, February 2020.

Kanter MH, JG Kim, L Mazotti, **KM McDonald**, E Holmboe, Performance and Learning: Exploring the use of quality metrics in graduate medical education, AAMC Annual Meeting – Highlights in Medical Education: Curriculum & Assessment (oral presentation), Phoenix, AZ, November 2019.

### **Public and Professional Service**

2021-Present	Chair, Rational Coordination Collaborative Advisory Board
2021- Present	Committee member, NAM Scholars in Diagnostic Excellence (Dx Ex), SIDM
2021-Present	Advisory Committee Member, National Academy of Medicine, Scholars in Diagnostic Excellence Program
2020-Present	Invited Member, Woman of Impact for Healthcare, Inc., Leaders in Health and Healthcare
2019-Present	Co-Chair, Ad Hoc Covid-19 Decision Modeling Committee, Society for Medical Decision Making (SMDM)
2019-2020	Committee Member, Diagnostic Quality and Safety Measures Committee, National Quality Forum
2019	Advisory Panel, VA Health Services Research and Development (HSR&D) Investigator Initiated Research on (IIR) Care Fragmentation
2019	Fellow Selection Committee, Society for Medical Decision Making (SMDM)
2018-2019	Advisory Panel, Learning Health Systems Infrastructure for Diagnostic Excellence, University of Michigan and Moore Foundation
2018	Review Coordinator, National Academies of Medicine (NAM) Implementing Quality Measures for Accountability in Community-based Care for People with Serious Illness: Proceedings of a Workshop
2018	Research Mentor, Patients Improving Research in Diagnosis, Society to Improve Diagnosis in Medicine (SIDM)
2017-2018	Chair, Models and Measures Working Group for VA State of the Art (SOTA) on Care Coordination
2017 - Present	International Expert Advisor, Australian Health Care Homes Evaluation, Health Policy Analysis
2017-2019	Committee Member, Diagnostic Accuracy Committee, National Quality Forum (NQF)
2016-Present	Member (Past Chair), Patient Engagement Committee, Society to Improve Diagnosis in Medicine (SIDM)
2017	Reviewer, Patient Safety Centers of Inquiry Review Panel, VA National Center for Patient Safety

2016 -2021	Board Chair, Relational Coordination Research Collaboration, Brandeis University
2016 - Present	Member, Policy Committee, Society to Improve Diagnosis in Medicine (SIDM)
2016	Technical Expert Panel Member, Care Coordination Measures Based on Medicare Advantage
2014-2016	Institute of Medicine (IOM) Committee Member, Diagnostic Errors in Healthcare (Improving Diagnosis)
2013-2016	Chair (Founding), Patient Engagement Committee, Society to Improve Diagnosis in Medicine (SIDM)
2006-2016	Executive Committee Member, Congestive Heart Failure QUERI, Department of Veterans Affairs
2014-2015	Network Co-Host, Relational Coordination Research Collaboration
2011-2015	Executive Board (Measurement Expert), Relational Coordination Research Collaboration
2010-2015	Planning Committee Member, Diagnostic Errors in Medicine Annual Meetings
2014	Associate Editor, Diagnosis
2014	Member, Research Committee, Society to Improve Diagnosis in Medicine (SIDM)
2012-2014	Member, Academy for Healthcare Improvement
2009-2014	Institute of Medicine (IOM) Committee Member, Pediatric Health and Health Care Quality Measures (Measures that Matter)
2012	Reviewer, Patient Centered Outcomes Research Institute (PCORI) Study Section
2012	Associate Editor, AHRQ Effective Health Care Program
2011-2012	Associate Editor, BMJ Quality & Safety
2010-2011	Technical Expert Panel Member, Oregon Evidence-based Practice Center
2010-2011	Past-President, Board of Trustees, Society for Medical Decision Making (SMDM)
2009-2010	President, Society for Medical Decision Making (SMDM)
2008-2009	President-Elect, Society for Medical Decision Making (SMDM)
2008-2009	Chair, Finance Committee, Society for Medical Decision Making (SMDM)
2006-2007	Chair, Society for Medical Decision Making (SMDM) Executive Director Search Committee
2006	Global Health Indicators Working Group Member, Center for Global Development
2004-2005	Vice-President, Society for Medical Decision Making (SMDM) Board of Trustees
2004-2005	Chair, Education Committee, Society for Medical Decision Making (SMDM)
2002-2005	Past Chair, Publications Committee, Society for Medical Decision Making (SMDM)
2002-2005	Editorial Board, Medical Decision Making (MDM)
2003-2004	Vice-President Elect, Society for Medical Decision Making (SMDM) Board of Trustees
2001-2003	Secretary-Treasurer, Society for Medical Decision Making (SMDM) Board of Trustees

2002	Reviewer, Agency for Healthcare Research and Quality Contract Proposal Review Committee
1999-2002	Chair, Publications Committee, Society for Medical Decision Making (SMDM)
2000-2001	Secretary-Treasurer Elect, Society for Medical Decision Making (SMDM) Board of Trustees
1998-1999	President, Mountain View Schools Fund (MVSF) Board
1998	Reviewer, Health Services Research, Health Affairs, Medical Care, JAMA, and others
1998	Chair, MVSF "Tools for Schools" Fundraising Campaign (\$100K/year raised)
1994	Member, Society for Medical Decision Making (SMDM)

### **Memberships**

2021- 2022	International Society for Quality of Life Research (ISOQOL)
2021-2022	Academy of Management (AOM)
2021-2022	Society to Improve Diagnosis in Medicine (SIDM)
2021-2022	Relational Coordination Collaborative (RCC)
2020-2021	Academy Health
2020-2021	American Academy of Nursing
2020-2021	Society for Medical Decision Making (SMDM)

## CURRICULUM VITAE

### Part 2

#### EDUCATIONAL ACTIVITIES

##### Classroom Instruction

##### Stanford University/Center for Health Policy

Fall 2019 Evidence-based Medicine Methods. Individualized training, research practicums and mentorship within Evidence-based Practice Center (EPC) Program. (1997-2019). Graduate.

Health Research and Policy 254: Quality and Safety in U.S. Healthcare. Guest lecturer on patient safety and quality. Winter Quarter, 2017, Autumn Quarter 2018, 2019. Graduate.

Health Research and Policy 208 Issues and Methods Part II: annual guest lecturer on patient safety and quality; systematic reviews and meta-analysis. Guest lecturing and consulting on curriculum as needed, 2007- 2019. Graduate.

Measurement Methods. Individualized training, research practicums and mentorship within Quality and Safety Program at CHP/PCOR. 1997-2019. Graduate.

Spring 2018 Health Research and Policy 246: Seminar in Healthcare Quality and Safety. Guest lecturer on diagnostic safety. Spring, 2018. Graduate.

##### Stanford University/Office of Health Policy

Spring 2018 Health Research and Policy 201B: Health Policy PhD Seminar II First Year. Guest lecturer on patient safety and quality. Spring Quarter, 2016, 2017, 2018. Graduate.

##### Takatsuki High School, Japan

Fall 2015 Freeman Spogli Institute (FSI) Stanford Program on International and Cross-Cultural Education (SPICE) Autumn Quarter, 2015. Independent Academic Work.

##### Stanford University/Center of Health Policy

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

##### Johns Hopkins University

Spring 2021 April Quality Module for Leading Transformation for Value-Based Health Care (LTVH). Carey Business School. Lecturer (1/28/2021)

##### Educational Service

##### Imperial College London

Winter 2021 Masters of Science in Patient Safety. External Examiner (4 year term, initial review)

**Mentoring and Advisement (Johns Hopkins University)**

NAM Scholars in Diagnostic Excellence (Dx Ex) (Dr. Linda Geng, 2021)

NAM Scholars in Diagnostic Excellence - SIDM Fellow (Dr. Sarah Slone, 2021)

Center for Innovative Care in Aging (junior faculty, graduate students, 2021-Present)

Malone Center for Engineering in Healthcare (junior faculty, graduate students, 2021-Present)

HOUR Summer Program (8 undergraduates, 2020)

GIM Fellowship Weekly Meeting (internal medicine research fellows, 2020-Present)

Armstrong Institute for Quality and Patient Safety (junior faculty, graduate students, 2020-Present)

Center for Diagnostic Excellence (junior faculty, graduate students, 2020-Present)

Hopkins Business of Health Initiative (Carey) (junior faculty, graduate students, 2020-Present)

**Doctoral Trainees**

Rebecca Oja (SPH School-wide Exam) (DrPh, SPH)

Elizabeth Woodcock (SPH School-wide Orals, Chair) (DrPh, SPH)

Kisha Ali (HPM Departmental Orals; School-wide Exam) (PhD, SPH)

Danielle Ellerbee (Focus Area Advisor) (DNP, SON)

Mary Jo Gamper (Doctoral Advisor) (PhD, SON)