

CURRICULUM VITAE

Thomas M. Maddox MD MSc

Summary Statement:

Dr. Maddox is Vice President, Digital Products and Innovation, at BJC HealthCare and Washington University School of Medicine, leading their digital health and innovation programs. He is also a practicing cardiologist and Professor of Medicine (Cardiology) at Washington University School of Medicine.

As a health system executive, Dr. Maddox was initially recruited to develop and serve as the inaugural director of an Innovation Lab at BJC HealthCare, in partnership with Washington University School of Medicine. Based on the success of the Innovation Lab, Dr. Maddox was promoted to his current Vice President role to develop and execute a digital transformation strategy in conjunction with the health system's Chief Information Officer. In this role, he provides strategic leadership and direction to the BJC/WUSM Healthcare Innovation Lab, the BJC Digital Product teams, and the digital transformation efforts for BJC HealthCare. He leverages his experience and perspective as a clinician and leader to develop a purposeful digital and innovation strategy, align sponsors and stakeholders from both the health system and the School of Medicine, build the foundation for its early successes, and allow for ongoing scalability. He is accountable for a \$14.5MM budget and manages teams of 62 clinicians, product managers, product designers, data scientists, technologists, and healthcare administrators.



The Healthcare Innovation Lab team catalyzes care delivery innovation through research and development at BJC HealthCare and Washington University School of Medicine. To date, the Lab has developed innovations in predictive analytics/artificial intelligence (AI), digital point-of-care tools, and remote patient monitoring. Specific innovations include AI-enabled predictive models in inpatient care, critical care, and palliative care patient populations; a digitally enabled patient transportation program for ambulatory and cancer patients; digitally enabled incentive spirometers for post-op patients; digitally enabled pressure ulcer detection sensors for ICU patients; inpatient sleep optimization programs; remote patient monitoring programs for heart failure, post-operative, COVID-19, and diabetic patients; and generative AI applications to support clinician documentation and communication.

The BJC Digital Products team is responsible for executing a digital strategy to support the BJC HealthCare enterprise goals of a personalized, frictionless health care experience for patients, families, communities, and care teams. The team develops, deploys, and supports digital tools (aka digital products) to enable optimal healthcare experiences for consumers, patients, clinical teams, and business teams. The team uses modern digital product methods (i.e., user research and design, cross-functional product teams, Agile delivery methods) to execute its work. Current products include website, physician directories, online scheduling for primary and

preventative care, digital communication, ancillary service scheduling, and a virtual nursing program to assist bedside nurses in patient care.

In his faculty role, Dr. Maddox is a Professor of Medicine (Cardiology) at Washington University School of Medicine. He is a practicing non-invasive cardiologist, a trained epidemiologist, and an accomplished health services researcher. Dr. Maddox is well known for his contributions to digital transformation, healthcare delivery innovation, learning healthcare systems, and health services research in cardiac quality and safety. He is a member of the National Academy of Medicine's Digital Health Action Collaborative and the Healthcare Innovators Professional Society. He has authored over 250 peer-reviewed publications and received multiple grants exploring optimal care delivery. He has also translated his quality-of-care research to clinical practice by designing and directing a national cardiology quality and safety program (CART) at the Department of Veteran Affairs (VA). He is a leader in cardiology professional societies and currently serves on the Board of Trustees for the American College of Cardiology. He is an elected fellow of the American College of Cardiology, an elected fellow of the American Heart Association, and an elected member of the American Clinical and Climatological Association.

Citizenship: USA

Address and Telephone Numbers:

Primary address:

Healthcare Innovation Lab
Mailstop: 90-29-927
4590 Nash Place, Suite 6500
St. Louis, MO, 63110

Secondary address:

Division of Cardiology
Washington University School of Medicine
660 S. Euclid Ave., CB 8086
St. Louis, MO 63110

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URL: www.healthcareinnovationlab.org

Present Position:

Vice President, Digital Products and Innovation, BJC HealthCare/Washington University School of Medicine
Professor of Medicine (Cardiology), Washington University School of Medicine

Skills:

- Health care innovation
- Agile methodologies
- Product management
- Design thinking
- Clinical informatics
- Health care administration
- Diagnosis and management of cardiovascular disease
- Cardiovascular imaging
- Preventive cardiology
- Diagnosis and management of general internal medicine conditions
- Health services research
- Epidemiology
- Biostatistics
- Cardiovascular quality and safety program administration

Academic Positions / Employment:

- 10/06-06/13 Assistant Professor, Department of Medicine (Cardiology), University of Colorado School of Medicine, Denver CO
- Clinical practice, health services research, and clinical teaching duties at the School of Medicine
- 10/06-04/17 Affiliate Researcher, Kaiser Permanente Colorado Clinical Research Unit, Denver CO
- Health services research with the Kaiser Permanente Health Research group
- 07/07-06/09 Clinical Faculty Scholar Program, Colorado Health Outcomes Center, University of Colorado School of Medicine, Denver, CO
- Early career academic skills and mentorship training
- 07/13-04/17 Associate Professor, Department of Medicine (Cardiology), University of Colorado School of Medicine, Denver CO
- Clinical practice, health services research, and clinical teaching duties at the School of Medicine
- 06/13-07/15 Co-Clinical Coordinator, VA Ischemic Heart Disease Quality Enhancement and Research Initiative (IHD-QUERI) Program
- Oversight of cardiovascular health services research for a VA health services research consortium
- 07/15-04/17 Core Investigator, Denver-Seattle VA Center of Innovation (COIN) for Veteran-Centered and Value-Driven Care
- Cardiovascular health services research for a VA health services research consortium
- 05/14-07/15 Affiliated Faculty, Center for Global Health, Colorado School of Public Health, Denver, CO
- Faculty lead for clinical practice and health research program development at the University of Zimbabwe

- 07/15-04/17 Faculty, Clinical Sciences Program, University of Colorado Denver/Anschutz Medical Campus, Denver, CO
- Faculty and mentor for early career health services researchers at the University of Colorado School of Medicine
- 07/15-04/17 Core Investigator, Triple Aim Quality Enhancement and Research Initiative (QUERI) Program
- Cardiovascular health services research for a VA health services research consortium
- 07/16-04/17 Core Lead, Data to Value (D2V) Transformational Grant Initiative, University of Colorado School of Medicine
- Faculty lead for interdisciplinary health services research grant program
- 06/17-01/19 Director, Healthcare Innovation Lab, BJC HealthCare/Washington University School of Medicine
- 02/19-08/21 Executive Director, Healthcare Innovation Lab, BJC HealthCare/Washington University School of Medicine
- Inaugural executive director for health innovation lab that develops and implements novel health and health care delivery interventions across the Washington University School of Medicine and BJC Healthcare system
- 06/17-present Professor of Medicine (Cardiology), Washington University School of Medicine
- Clinical practice, health services research, and clinical teaching duties at the School of Medicine
- 06/17-present Member, Institute for Clinical and Translational Sciences, Washington University School of Medicine
- 09/17-present Faculty Scholar, Institute for Public Health, Washington University School of Medicine
- 09/21-present Vice President, Digital Products and Innovation, BJC HealthCare/Washington University School of Medicine

Education:

- 08/89-05/93 Bachelor of Arts (Economics and History), *cum laude*, Rice University
08/95-05/99 Doctor of Medicine, School of Medicine, Emory University
06/05-06/07 Master of Science (Epidemiology), Harvard Chan School of Public Health, Harvard University

University and Hospital Appointments and Committees:

University and Hospital Appointments

- 07/99-06/02 Internship and Residency in Internal Medicine, Department of Internal Medicine, University of Texas Southwestern Medical Center, Dallas, TX
07/02-12/02 Health Policy Fellowship, Kaiser Family Foundation, Washington, DC
01/03-06/03 Gustave L. Levy Health Policy Fellowship, Institute of Medicine, Washington, DC
07/03-06/06 Fellowship in Cardiovascular Disease, Division of Cardiology, Mount Sinai Medical Center, New York, NY
10/06-04/17 Cardiologist, Section of Cardiology, VA Eastern Colorado Health Care System, U.S. Department of Veterans Affairs
07/09-12/15 Associate Director, VA Clinical Assessment, Reporting, and Tracking System (CART) Program, Office of Information and Analytics, U.S. Department of Veterans Affairs
07/12-04/17 Field Advisory Committee, VA National Program Office for Cardiology
01/16-04/17 Director, VA Clinical Assessment, Reporting, and Tracking System (CART) Program, Office of Information and Analytics, U.S. Department of Veterans Affairs
03/18-03/20 Internal Advisory Board, Institute of Informatics, Washington University School of Medicine
01/20-present Executive Advisor, mHealth Research Core, Institute for Clinical and Translational Sciences, Washington University School of Medicine
11/22-present Internal Advisory Board, Digital Transformation, WashU Here and Next Strategic Plan

Local Committee Appointments

- 07/07-06/10 Director, Division of Cardiology Grand Rounds, University of Colorado School of Medicine
07/07-04/17 Education Committee, Division of Cardiology, University of Colorado School of Medicine
07/08-04/17 Patient Safety Review Committee, VA Eastern Colorado Health Care System
07/10-06/12 Intern Selection Committee Interviewer, University of Colorado School of Medicine
07/10-12/10 Faculty Search Committee, School of Public Health, University of Colorado School of Medicine
07/10-04/17 Director, Division of Cardiology Journal Club, University of Colorado School of Medicine
07/13-04/17 Director, Division of Cardiology, Mentored Scholarly Activity Program, University of Colorado School of Medicine
07/14-04/17 Professional Development Coaching Program, Department of Medicine, University of Colorado School of Medicine
07/15-04/17 Design and Implementation Team, Clinical Decision Support Program, University of Colorado Hospital
09/17-3/18 Data Analytics and Informatics Working Group, Siteman Cancer Center Strategic Planning, Washington University School of Medicine
04/20-08/20 Planning Committee, Healthcare @ Olin Business School Curriculum Design
05/21-11/22 Digital Transformation Working Group, Washington University Strategic Planning: Defining Our Vision for Washington University's Future

- 11/21-12/22 Search Committee, Inquiry and Explore Curriculum Director, Washington University School of Medicine
- 1/22-12/22 Digital Transformation Action Team, Washington University Strategic Planning
- 6/22-present Chair, Data Safety and Monitoring Board, Precision prevention strategy to increase uptake and engagement in lung cancer screening and smoking cessation treatment (NIH NCI R01 CA268030)
- 7/22-present Digital Transformation Internal Advisory Board, Washington University in St. Louis “Here and Next” Transformation
- 10/23-present Steering Committee, AI for Health Institute (AIHealth), McKelvey School of Engineering and School of Medicine, Washington University in St. Louis

National Committee Appointments

- 07/03-06/06 Appropriateness Criteria Working Group, American College of Cardiology
- 07/04-06/06 Quality Strategic Directions Committee, American College of Cardiology
- 07/08-06/10 Associate Editor, CardioSmart website, American College of Cardiology
- 07/09-06/11 VA National Cardiology Conference Planning Committee, U.S. Department of Veterans Affairs
- 07/10-12/10 Chair, National Ischemic Heart Disease Identification Workgroup, U.S. Department of Veterans Affairs
- 07/10-06/11 Patient-Centered Cardiovascular Disease Improvement Initiative Steering Committee, American Heart Association
- 07/10-06/12 Quality of Care and Outcomes Research Membership and Communications Committee, American Heart Association
- 07/10-04/17 PINNACLE Registry Research and Publications Committee, National Cardiovascular Data Registry (NCDR), American College of Cardiology
- 07/11-04/17 Chair, PINNACLE Registry Research and Publications Committee, National Cardiovascular Data Registry (NCDR), American College of Cardiology
- 07/11-04/17 PINNACLE Registry Steering Committee, National Cardiovascular Data Registry (NCDR), American College of Cardiology
- 07/11-06/15 Editorial Team, WebMD
- 07/11-12/11 Models of Team Based Care Panel, Office of Specialty Care Transformation, U.S. Department of Veterans Affairs
- 07/11-12/11 SCAN/ECHO Cardiology Initiative Panel, Office of Specialty Care Transformation, U.S. Department of Veterans Affairs
- 07/11-12/11 Telehealth Initiative Panel, Office of Specialty Care Transformation, U.S. Department of Veterans Affairs
- 07/11-06/13 Writing Committee, “Forecasting the Future of Heart Failure”, American Heart Association
- 07/11-06/13 DeCIDE CV Consortium on Comparative Effectiveness Committee, Agency for Health Care Research and Quality, U.S. Department of Health and Human Services
- 07/11-06/14 Chair, Program Planning Committee for Quality of Care and Outcomes, Scientific Sessions, American College of Cardiology
- 07/12-06/13 Scientific Sessions Planning Committee, Council on Quality of Care & Outcomes Research, American Heart Association
- 07/12-04/21 Writing Committee, “American College of Cardiology Foundation/American Heart Association/Society of Cardiovascular Angiography and Interventions/Society of Thoracic Surgeons 2012 Coronary Revascularization Data Standards”, American College of Cardiology
- 07/12-04/17 Steering Committee, Get With The Guidelines Program, American Heart Association
- 07/12-04/17 Quality Improvement Committee, Get With The Guidelines Program, American Heart Association

- 07/13-06/16 Writing Committee, “ACCF/AHA/SCAI/STS Coronary Revascularization Appropriate Use Criteria”, American College of Cardiology
- 07/13-06/14 Writing Committee, “2014 ACCF/AHA/AATS/PCNA/ SCAI/STS Focused Update of the Guideline for the Diagnosis and Management of Patients With Stable Ischemic Heart Disease”, American College of Cardiology
- 07/13-06/14 PINNACLE-ODYSSEY Working Group, National Cardiovascular Data Registry (NCDR), American College of Cardiology
- 07/13-06/17 Leadership Committee, Council on Quality of Care & Outcomes Research, American Heart Association
- 07/14-06/15 “LDL: Address the Risk” Stakeholder Panel, American College of Cardiology
- 07/14-04/17 Diabetes Collaborative Registry Committee, National Cardiovascular Data Registry (NCDR), American College of Cardiology
- 07/15-06/18 Vice Chair, Membership and Communications Committee, Council on Quality of Care & Outcomes Research, American Heart Association
- 07/15-06/18 Vice Chair, Scientific and Clinical Educational Lifelong Learning (SCILL) Committee, Council on Quality of Care & Outcomes Research, American Heart Association
- 07/15-04/17 Steering Committee, Data and Analytics in Learning Health Care Systems (DALHS), Evidence, Data, and Methods (EDM Forum) for Learning Healthcare Systems, Academy Health
- 07/15-06/15 Chair, NCDR Innovation Workgroup, American College of Cardiology
- 07/15-04/17 National Quality Research Network, American Medical Association
- 07/15 Founder, NCDR Research to Practice (R2P) Program, American College of Cardiology
- 07/16-04/19 Chair and Founder, NCDR Evidence to Practice (E2P) Program, American College of Cardiology
- 07/16-3/21 Science and Quality Committee, American College of Cardiology
- 07/16-3/21 Clinical Policy Approval Committee, American College of Cardiology
- 07/16-3/21 NCDR Management Board, American College of Cardiology
- 07/16-04/19 Clinical Lead, Innovation Office, American College of Cardiology
- 01/17-04/19 Task Force on Health Policy Statements and Systems of Care, American College of Cardiology
- 06/17-3/19 Vizient Innovation Practice Network
- 09/17-11/17 Planning Committee, American College of Cardiology 2017 Roundtable on Identifying Hurdles to Research & Innovation in Cardiovascular Care
- 01/18-03/18 Health Systems Strategy Workgroup, American College of Cardiology
- 03/18-08/20 Patient Advisory Board Taskforce, American College of Cardiology
- 03/18-04/19 Chair, Clinical Policy Approval Committee, American College of Cardiology
- 03/18-3/21 Chair, Science and Quality Committee, American College of Cardiology
- 08/18-4/17 NCDR Research to Practice (R2P) Program, American College of Cardiology
- 07/18-06/20 Leadership Committee, Council on Quality of Care & Outcomes Research, American Heart Association
- 07/18-06/20 Chair, Member and Communications Committee, Council on Quality of Care & Outcomes Research, American Heart Association
- 07/18-07/19 Member, AHA/ACC Guideline Optimization committee
- 10/18-present Councilor, Healthcare Innovators Professional Society (HIPS)
- 03/19-04/21 Innovation Member Engagement and Entrepreneurship Workgroup, American College of Cardiology
- 10/19-10/24 Data Safety and Monitoring Board, Behavioral Economics Trial to Enhance Regulation of Blood Pressure (BETTER-BP) – NIH R01HL148275
- 11/19-03/20 Board of Trustees Digital Transformation Task Force, American College of Cardiology
- 03/20-03/21 Lead, American College of Cardiology COVID-19 Hub
- 05/20 Planning Committee, Roundtable: Cardiovascular Clinical Research in the COVID-19 Era

05/20-03/21 Board of Trustees COVID-19 and Cardiovascular Health Task Force, American College of Cardiology
06/20-06/22 NCDR COVID-19 Research Work Group, American College of Cardiology
07/20-12/22 Fellow, Health Evolution Forum
07/20-12/20 Enterprise Content Strategy Work Group, American College of Cardiology Digital Transformation
10/20 American College of Cardiology 2020 Roundtable on Recent Advances in HFrEF
03/21-present Trustee, American College of Cardiology
05/21 Roundtable on Cardiovascular Conundrums in the COVID-19 Era, American College of Cardiology
12/21 Board of Trustees Strategic Metrics Workgroup, American College of Cardiology
1/22-present Board of Trustees Strategic Plan Workgroup, American College of Cardiology
4/22-7/23 Chair, Board of Trustees CV Workforce Task Force, American College of Cardiology
4/22-4/23 Nominating Committee, American College of Cardiology
6/22-present Board of Trustees Conflict of Interest Workgroup, American College of Cardiology
4/23-4/24 Nominating Committee, American College of Cardiology
6/23-present Digital Health Action Collaborative, Leadership Consortium, National Academy of Medicine
6/23-10/23 Chair, Planning Committee, National Academy of Medicine Workshop on LLM/Generative AI
7/23-present Digital and Data Architecture Workstream, Commission on Investment Imperatives for a Healthy Nation, National Academy of Medicine

International Committee Appointments

07/14-04/19 International Partnership for the Observational Study of Atrial Fibrillation (INTER-AF) Leadership Team, American College of Cardiology

Community Service

08/00-present Board of Directors, J.F Maddox Foundation, Hobbs NM
07/03-06/06 Medical Reserve Corps, Department of Health, New York City NY
07/07-06/12 Board of Directors, Big Brothers Big Sisters of Colorado, Denver CO
07/07-06/09 Program Sponsor, Denver Public Schools Foundation, Denver CO
07/08-06/09 Board of Directors, American Diabetes Association, Colorado Chapter, Denver CO
07/08-06/12 Health Committee, The Denver Foundation, Denver CO
07/08 Medical Mission, University of Lumbumbashi School of Medicine, Lumbumbashi, Democratic Republic of the Congo
07/10-04/18 Program Sponsor, Alfred Kabamba, University of Burundi Medical School, Bujumbura, Burundi
07/10-04/17 Program Sponsor, The Denver Scholarship Foundation, Denver CO
07/13-04/17 Board of Directors, Youth on Record, Denver CO
07/13-04/17 Partner, Social Venture Partners Denver, Denver CO
06/13 Program Sponsor, "Mark Mothersbaugh: Myopia", Museum of Contemporary Art, Denver CO
07/13-04/17 Board of Directors, Vietnam Health Improvement Project, Denver CO and Hoi An, Vietnam
01/14-12/15 Chair, Board of Directors, Youth on Record, Denver CO

Medical Licensure and Board Certification:

Medical Licensure

07/03-06/06 New York State Medical Licensure
06/06-present DEA Licensure
10/06-05/17 Colorado Medical Licensure
08/17-present Missouri Medical Licensure

Board Certifications

10/02-10/12 Diplomat, American Board of Internal Medicine
10/06-present Diplomat, Cardiovascular Disease, American Board of Internal Medicine (recertification 2016)
10/06-10/16 Diplomat, Certification Board of Nuclear Cardiology
10/10-10/20 Diplomat, National Board of Echocardiography

Other Certifications

08/20 IC Agile Certified Professional
12/20 Certified Physician Builder, Epic Systems Corporation
05/21 Design Thinking, IDEO U
08/21 Insights for Innovation, IDEO U
08/21 From Ideas to Action, IDEO U
08/21 Storytelling for Influence, IDEO U
05/23 Advanced Management Certificate, Olin Business School, Washington University in St. Louis

Honors and Awards:

05/86 Eagle Scout, Boy Scouts of America
05/93 Degree conferred *Cum Laude*, Rice University
05/02 Finalist, Outstanding Teaching Resident of the Year, UT Southwestern Medical Center
05/04 Teaching Fellow of the Year, Mount Sinai Medical Center
05/05 Travel Award, American Heart Association Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke Scientific Sessions
04/07 Fellow, American College of Cardiology
04/07-04/17 Top Teacher, Cardiac Pathophysiology Small Group, University of Colorado School of Medicine
04/09 Winner, National Young Investigator's Award, American College of Cardiology Scientific Sessions
05/10 Finalist, National Young Investigator's Award, American Heart Association Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke Scientific Sessions
11/11 Winner, Best Research Poster, American Heart Association Specialty Conferences
11/11 Special Contribution Award, Office of the Principal Deputy Undersecretary, U.S. Department of Veterans Affairs
11/13 Fellow, American Heart Association
11/14 Winner, Best Research Poster, American Heart Association Specialty Conferences
05/14 Top Investigator, Research Service, VA Eastern Colorado Health Care System
04/17 Leadership Award, National Cardiovascular Data Registries, American College of Cardiology
04/17 Winner, Best Research Poster, American College of Cardiology Scientific Sessions
04/18 Leadership Award, National Cardiovascular Data Registries, American College of Cardiology

04/21 Leadership Award, Science and Quality Committee, American College of Cardiology
10/23 Elected member, American Clinical and Climatological Association

Editorial Responsibilities:

Editorial Positions

07/08-06/10 Associate Editor, American College of Cardiology CardioSmart
07/10-04/17 Guest Editor, Circulation: Cardiovascular Quality and Outcomes
07/14-04/17 Editorial Board, Trends in Cardiovascular Medicine
07/16-06/18 Editorial Board, Circulation
09/17-09/19 Editorial Board, Circulation: Cardiovascular Quality and Outcomes

Grant Review Positions

11/07 Alberta Heritage Foundation for Medical Research, Grants and Awards Program
11/11 VA Health Services Research and Development, Cooperative Studies Clinical Trials Program
11/12 National Institutes of Health - PCORI 12 Interest Area 5 - NIH/PCORI ZRG1MDCN-N(70)R
04/19-present Big Ideas Innovation Grant Program, Washington University School of Medicine/BJC HealthCare
09/22 McDonnell Academy Global Incubator Seed Grant Program

Ad Hoc Reviewer Positions

10/06-present Journal Reviewer (JAMA, Circulation, Circulation: Cardiovascular Quality and Outcomes, Circulation: Cardiovascular Imaging, Journal of the American College of Cardiology, American Journal of Cardiology, American Heart Journal, European Heart Journal, Annals of Thoracic Surgery, Journal of Cardiac Failure, American Journal of Medical Sciences, Archives of Internal Medicine, Journal of Internal Medicine, Heart)
10/06-present Abstract Reviewer (American College of Cardiology Scientific Sessions, American Heart Association Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke, VA Health Services Research and Development Scientific Meeting, American Heart Association Scientific Sessions, TCT@ACC-i2, Academy Health Concordium)
10/08 Board Examination Reviewer, American Board of Internal Medicine, Cardiovascular Disease
11/13 Judge, Research Day, Department of Medicine, University of Colorado School of Medicine

Promotion Committee Review

06/14 Application for Promotion to Associate Professor, Peter Noseworthy MD, Mayo School of Medicine
03/18 Application for Promotion to Professor, Lisa Jackson MD, University of Alabama at Birmingham School of Medicine
04/18 Application for Promotion to Associate Professor, Bradley Maron MD, Harvard Medical School
04/19 Application for Promotion to Professor, Robert McNamara MD, Yale School of Medicine
08/19 Application for Promotion to Associate Professor, Gerald Bloomfield MD, Duke University School of Medicine
02/20 Application for Promotion to Associate Professor, Mitesh Patel MD, University of Pennsylvania
10/20 Application for Promotion to Associate Professor, Jason Wasfy MD, Harvard Medical School
05/21 Application for Promotion to Associate Professor, Johanna Abraham PhD, Washington University School of Medicine
09/21 Application for Promotion to Professor, Eric Stecker MD, Oregon Health Sciences University

- 10/21 Application for Promotion to Associate Professor, Maria Odette Gore MD, University of Colorado School of Medicine
- 11/21 Application for Promotion to Assistant Professor, Brad Fritz MD, Washington University School of Medicine
- 02/22 Application for Promotion to Assistant Professor, Patrick Lyons MD, Washington University School of Medicine
- 06/22 Application for the appointment to the Samuel S. Riven Directorship in Cardiology, Kathryn Lindley MD, Vanderbilt University School of Medicine
- 06/22 Application for Promotion to Associate Professor, Seth Goldbarg MD, Weill Cornell Medical College, Cornell University
- 06/22 Application for Promotion to Professor, Steve Waldo MD, University of Colorado School of Medicine
- 08/22 Application for Promotion to Associate Professor, Joseph Walker Keach MD, University of Colorado School of Medicine
- 08/22 Application for Promotion to Professor, Lori Croft MD, Icahn School of Medicine at Mount Sinai
- 09/22 Application for Promotion to Professor, Nicole Lohr MD PhD, University of Alabama at Birmingham

Professional Societies and Organizations:

- 07/99-06/02 American College of Physicians
- 07/03-present American College of Cardiology
- 07/03-present American Heart Association
- 07/07-present Fellow, American College of Cardiology
- 07/08-06/10 Leadership Council, Colorado Chapter, American College of Cardiology
- 07/13-present Fellow, American Heart Association
- 07/14-06/15 Academy Health
- 11/18-11/22 American Medical Informatics Association
- 11/23-present American Clinical and Climatological Association

Major Invited Professorships and Lectureships:

Local Invited Presentations

- 04/08 Grand Rounds, "Vulnerable Plaque Imaging: Is It The Holy Grail of Prevention?", Division of Cardiology, University of Colorado School of Medicine
- 04/10 Invited lecture, "Lessons Learned in Obtaining a Career Development Award", Clinical Faculty Scholars Program, University of Colorado School of Medicine
- 04/11 Invited lecture, "Grant Writing", Department of Medicine Research Conference, University of Colorado School of Medicine
- 06/11 Invited lecture, "Angina and Secondary Prevention in the Post-COURAGE Era", 47th Annual Estes Park Internal Medicine Conference
- 04/12 Grand Rounds, "Learning Health Care Systems and the VA CART Program", Division of Cardiology, University of Colorado School of Medicine
- 05/12 Invited lecture, "CT Calcium Scoring", Division of Cardiology Echo/Advanced Imaging Conference, University of Colorado School of Medicine
- 10/13 Invited Lecture, "Learning Health Care Systems and the VA CART Program", Department of Medicine Faculty Conference Research and Innovation, University of Colorado School of Medicine
- 04/13 Invited lecture, "Grant Writing", Department of Medicine Research Conference, University of Colorado School of Medicine
- 10/14 Grand Rounds, "Expert Insights into the Top Ten Questions Regarding Anti-Platelet Therapy in Contemporary Cardiovascular Practice", Division of Cardiology, University of Colorado School of Medicine
- 01/15 Invited lecture, "Nonobstructive CAD and Risk of MI", VA Director's Monthly Conference, VA Eastern Colorado Health Care System, Denver CO
- 03/15 Invited lecture, "Nonobstructive CAD and Risk of MI", 2015 VA Research Day, VA Eastern Colorado Health Care System, Denver CO
- 03/16 Grand Rounds, "Expert Insights into the Top Questions Regarding Anticoagulation for Atrial Fibrillation", Division of Cardiology, University of Colorado School of Medicine
- 10/17 "Collaborations between the Health Systems Innovation Lab (HSIL) and the WUNDIR Community", Washington University Network for Dissemination and Implementation Research (WUNDIR), Institute for Public Health
- 10/17 Research in Progress Seminar, "The Health Systems Innovation Lab (HSIL)", Institute for Informatics, Washington University School of Medicine
- 11/17 Grand Rounds, "The Evolution of Health Services Research to Innovation", Division of Cardiology, Washington University School of Medicine
- 01/18 Grand Rounds, "The Evolution of Health Services Research to the Health Systems Innovation Lab", Department of Internal Medicine, Washington University School of Medicine
- 03/18 Grand Rounds, "The Health Systems Innovation Lab: Opportunities to Think Differently in Pediatric Care", Department of Pediatrics, Washington University School of Medicine
- 03/18 Grand Rounds, "The Health Systems Innovation Lab: Opportunities to Think Differently in Oncology Care", Division of Medical Oncology, Washington University School of Medicine
- 03/18 Invited Lecture, "The Health Systems Innovation Lab: Opportunities to Think Differently in Health Care", WUSM Chapter, Institute for Healthcare Improvement
- 04/18 Grand Rounds, "The Health Systems Innovation Lab: Opportunities to Think Differently in Anesthesia Care", Department of Anesthesia, Washington University School of Medicine

- 05/18 Venture Café St. Louis, “The Health Systems Innovation Lab: Opportunities to Think Differently about Health Care Delivery”. Venture Care Thursday Gathering, Cortex Innovation District
- 01/19 Grand Rounds, “The Evolution from Health Services Research to the Healthcare Innovation Lab”, St. Louis VA Medical Center
- 08/19 Keynote address, “Care Delivery Innovation at BJC HealthCare and Washington University School of Medicine”, 2019 BJC Communication and Marketing conference
- 08/19 Keynote address, “Care Delivery Innovation at BJC HealthCare and Washington University School of Medicine”, 2019 BJC Human Resources conference
- 02/20 Moderator, “Delivery Model Innovation on the Front Lines”, 2020 Olin Business School Healthcare Symposium, Washington University at St. Louis
- 03/20 “BJC/WUSM Healthcare Innovation Lab”, Clinical Center of Excellence seminar, Washington University School of Medicine
- 03/20 “Leveraging Digital Health to Drive Care Delivery Innovation: The BJC/WUSM Healthcare Innovation Lab”, WUSM/BJH Quality and Safety Symposium
- 08/20 “Leveraging Digital Health to Drive Care Delivery Innovation: The BJC/WUSM Healthcare Innovation Lab”, Center for Dissemination and Implementation, Washington University Institute for Public Health
- 10/20 “The BJC/WUSM Healthcare Innovation Lab: Catalyzing Care Delivery Innovation through Research and Development”, Program in Physical Therapy Research Seminar, Washington University School of Medicine
- 01/21 “Digital Health and the BJC/WUSM Healthcare Innovation Lab”, Washington University Department of Medicine Grand Rounds
- 02/21 “Digital Health and the BJC/WUSM Healthcare Innovation Lab”, Washington University Cardiology Grand Rounds
- 07/21 “Digital Health and the BJC/WUSM Healthcare Innovation Lab”, Washington University Anesthesia Grand Rounds
- 09/21 “The Robots Are Coming! Digital Health and What It Means for Healthcare”, Washington University School of Medicine Mini-Medical School
- 12/21 “Digital Health and the BJC/WUSM Healthcare Innovation Lab”, Washington University Cardiology Fellowship Research Conference
- 12/21 “Digital Health and the BJC/WUSM Healthcare Innovation Lab”, Washington University Pediatric Cardiology Grand Rounds
- 1/22 “Digital Health and the BJC/WUSM Healthcare Innovation Lab”, Washington University School of Medicine Researcher Forum
- 10/22 Keynote Address, “Wearable Technologies in Cardiovascular Care”, 4th Annual Heart Team Summit, Washington University School of Medicine/Northwestern University
- 12/22 “Digital Health and the BJC/WUSM Healthcare Innovation Lab”, Washington University Cardiology Fellowship Research Conference
- 12/22 “Digital Health and the BJC/WUSM Healthcare Innovation Lab”, The St. Louis Startup WithIN innovation network
- 01/23 “Digital Health and the BJC/WUSM Healthcare Innovation Lab”, BJH Medical Staff Association
- 02/23 “Digital Health and the BJC/WUSM Healthcare Innovation Lab”, Health Care Management, Olin Business School
- 04/23 Visiting Professor, “Rise of the machines: How artificial intelligence could change health care delivery”, American Medicine: Culture, Communication, and Cognition, Washington University Arts and Sciences Department
- 10/23 Moderator and Panel Discussant, “AI and the Healthcare Innovation Lab”, Washington University AI and Digital Health Conference

National Invited Presentations and Faculty Positions

- 04/05 Invited oral research presentation, "Health Status and ACS", American College of Cardiology Scientific Sessions
- 11/07 Invited oral research presentation, "The Prevalence and Factors Associated With 1-Year Angina among Post-MI Patients", American Heart Association Scientific Sessions
- 04/08 Invited oral research presentation, "Abnormal Heart Rate Recovery and Chronotropic Response among Low and Intermediate-Risk Exercise Treadmill Test Patients", American College of Cardiology Scientific Meeting
- 05/09 Invited lecture, "Hello, Is Anyone Out There? Fostering an Outcomes Research Career at a Non-Outcomes Focused Institution", American Heart Association Quality of Care and Outcomes Research conference
- 04/09 Invited oral research presentation, "Secondary Prevention Therapies among Patients with Non-Obstructive CAD: Insights from the NCDR CathPCI Registry", American College of Cardiology Scientific Sessions (**Winner, National Young Investigator's Award**)
- 05/10 Invited oral research presentation, "BP Trajectories and Associations with Treatment Intensification, Medication Adherence, and Outcomes among Newly Diagnosed CAD Patients", American Heart Association Quality of Care and Outcomes Conference (**Finalist, National Young Investigator's Award**)
- 06/11 Invited lecture, "The VA Clinical Assessment, Reporting, and Tracking (CART) Program: Current Status and Future Directions", VA Improvement Forum Conference, U.S. Department of Veterans Affairs
- 08/11 Invited plenary lecture, "The VA CART Program: Quality of Care, Quality Improvement, and Future Directions", VHA Optimizing Efficiency and Quality of Cardiovascular Care Conference, U.S. Department of Veterans Affairs
- 05/12 Faculty, American Heart Association Quality of Care and Outcomes Research Scientific Sessions
- 05/12 Faculty, American College of Cardiology Scientific Sessions
- 05/12 Invited lecture, "Transforming Health Care through CV Registries: The VA CART Program", American College of Cardiology Scientific Sessions
- 05/12 Invited lecture, "The VA CART Program", American College of Cardiology Scientific Sessions
- 05/12 Invited lecture, "Measuring and Optimizing Quality in your Outpatient Practice: The PINNACLE Registry", American College of Cardiology Scientific Sessions
- 05/12 Invited lecture, "Getting Access to Data: Successful Examples from the NCDR", American College of Cardiology Scientific Sessions
- 07/12 Invited lecture, "The VA CART Program", National VA eHealth University Conference
- 09/12 Invited faculty, Division of Cardiology/Department of Medicine, University of Texas Health Sciences Center San Antonio
- 04/13 Faculty, American College of Cardiology Scientific Sessions
- 04/13 Invited Co-Chair, "State of the Art in Post-Market Device Surveillance" Symposium, American College of Cardiology Scientific Sessions
- 04/13 Invited Lecture, "How to Set Up An Acute Coronary Syndrome Performance Improvement Program", American College of Cardiology Scientific Sessions
- 04/13 Invited Lecture, "Optimizing the Quality of Perioperative Care: How Do We Bridge the Evidence Gaps?" American College of Cardiology Scientific Sessions

- 05/13 Invited Lecture, "Learning Health Care Systems and the VA CART Program", Parkland Center for Clinical Innovation, Dallas, TX
- 06/13 Invited Lecture, "Learning Health Care Systems and the VA CART Program", Palliative Care Research Consortium National Conference, Chicago, IL
- 07/13 Visiting Professor, "Learning Health Care Systems and the VA CART Program", Division of Cardiology, University of California at San Diego, La Jolla, CA
- 09/13 Visiting Professor, "Learning Health Care Systems and the VA CART Program", Division of Cardiology, Northwestern University School of Medicine, Chicago, IL
- 02/14 Invited Lecture, "Expert Insights into the Top Ten Questions Regarding Anti-Platelet Therapy in Contemporary Cardiovascular Practice", Western Arizona Medical Center, Bullhead City, AZ
- 03/14 Invited Lecture, "Expert Insights into the Top Ten Questions Regarding Anti-Platelet Therapy in Contemporary Cardiovascular Practice", Lea Regional Medical Center, Hobbs, NM
- 04/14 Invited Lecture, "Expert Insights into the Top Ten Questions Regarding Anti-Platelet Therapy in Contemporary Cardiovascular Practice", Bates County Medical Center, Butler, MO
- 05/14 Faculty, American Heart Association Quality of Care and Outcomes Research Scientific Sessions
- 05/14 Invited oral research presentation, "Non-Obstructive Coronary Artery Disease Is Not Benign: Insights from the VA CART Program on the Association between Non-Obstructive Disease and Cardiac Events", 2014 American Heart Association Quality of Care and Outcomes Research Scientific Sessions. (**Awarded "Best of AHA Specialty Conferences Poster"**)
- 11/14 Faculty, American Heart Association Scientific Sessions
- 11/14 Invited oral research presentation, "Implications of the 2013 ACC/AHA Cholesterol Guidelines for Adults in Contemporary Cardiovascular Practice: Insights from the NCDR[®] PINNACLE Registry[®]", 2014 American Heart Association Scientific Sessions
- 11/14 Invited Lecture, "Preventing Avoidable Readmissions: Strategies to Optimize ACS Transitions of Care", Mitchell County Medical Center, Colorado City, TX
- 11/14 Invited Lecture, "Preventing Avoidable Readmissions: Strategies to Optimize ACS Transitions of Care", ACH Community Memorial Hospital, Missouri Valley, IA
- 12/14 Invited Lecture, "Expert Insights into the Top Ten Questions Regarding Anti-Platelet Therapy in Contemporary Cardiovascular Practice", Platte Valley Medical Center, Brighton, CO
- 12/14 Invited Lecture, "Preventing Avoidable Readmissions: Strategies to Optimize ACS Transitions of Care", Citizens Medical Center, Victoria, TX
- 12/14 Invited Lecture, "Preventing Avoidable Readmissions: Strategies to Optimize ACS Transitions of Care", Sacred Heart Medical Center, Spokane, WA
- 12/14 Audio Presentation, "Nonobstructive CAD and Risk of MI", New England Journal of Medicine JournalWatch
- 02/15 Faculty, "Multimorbidity in Older Adults with CV Disease: Moving the Field Forward By Translating Evidence into Policy – Leveraging VA Resources", Multimorbidity in Older Adults with CVD Workshop, American College of Cardiology/American Geriatrics Society/National Institute on Aging, Washington, DC
- 03/15 Invited Lecture, "Preventing Avoidable Readmissions: Strategies to Optimize ACS Transitions of Care", Rutgers Robert Wood Johnson School of Medicine, New Brunswick, NJ
- 04/15 Faculty, "Impact of New Prevention Guidelines on Care: Insights From PINNACLE Registry", American College of Cardiology Scientific Sessions
- 04/15 Faculty, "Optimizing Cardiac Prevention using Registries: ACC PINNACLE Experience", American College of Cardiology Scientific Sessions
- 06/15 Visiting Professor, Westchester Medical Center/New York Medical College, Valhalla, NY
- 06/15 Faculty, "The CART Program: Present and Future", Society for Cardiovascular Angiography and Interventions Scientific Sessions, San Diego, CA

- 07/15 Faculty, "The VA CART Program and Learning Health Care Systems", Health Information and Management Systems Society (HIMSS) Innovation Workgroup
- 08/15 Visiting Professor, "Learning Healthcare Systems and the VA CART Program", Mayo Clinic, Rochester, MN
- 10/15 Keynote speaker, "Learning Healthcare Systems and the VA CART Program", High Value Healthcare Collaborative, Salt Lake City, UT
- 11/15 Faculty, "Electronic Health Records: Rise of the Machines", American Heart Association Scientific Sessions, Orlando, FL
- 11/15 Faculty, "Learning Healthcare Systems: Examples from the VA", American Heart Association, Scientific Sessions, Orlando, FL
- 12/15 Faculty, "Multi-morbidities in Heart Failure: When is the Total Disease Burden Too Much?", Northwestern 11th Annual Holiday Heart Failure Symposium, Chicago, IL
- 04/16 Faculty, "Impact of Hypertension Guidelines on Clinical Practice: Insights from the NCDR PINNACLE Registry", American College of Cardiology Scientific Sessions, Chicago IL
- 04/16 Faculty, "Tips on MIPS: The Merit-Based Incentive Program", American College of Cardiology Scientific Sessions, Chicago IL
- 04/16 Faculty, "Cholesterol Management and PINNACLE: Moving from Patients to Populations", American College of Cardiology Scientific Sessions, Chicago IL
- 06/16 Invited Lecture, "Expert Insights into the Top Questions Regarding Anticoagulation for Atrial Fibrillation", Brighton Medical Center, Brighton, CO
- 06/16 Invited Lecture, "Expert Insights into the Top Questions Regarding Anticoagulation for Atrial Fibrillation", Our Lady of the Lake Medical Center, Baton Rouge, LA
- 07/16 Invited Lecture, "Expert Insights into the Top Questions Regarding Anticoagulation for Atrial Fibrillation", Mercer University, Macon, GA
- 08/16 Invited Lecture, "Expert Insights into the Top Questions Regarding Anticoagulation for Atrial Fibrillation", Baylor Medical Center, Garland, TX
- 09/16 Invited Grand Rounds Lecture, "Learning Healthcare Systems and the VA CART Program", Brown University, Providence, RI
- 10/16 Keynote Speaker, "Learning Healthcare Systems and High-Value Care: Examples from Cardiology", Washington State Clinical Outcomes Assessment Program (COAP), Seattle, WA
- 10/16 Invited Grand Rounds Lecture, "Learning Healthcare Systems and High-Value Care: Examples from Cardiology", Virginia Mason Medical Center, Seattle, WA
- 11/16 Invited Lecture, "Novel Oral Anticoagulants for Stroke Prevention", VuMedi Webinar
- 03/17 Invited Lecture, "State of the VA CART Program", VHA Cardiology Field Advisory Committee
- 03/17 Invited Lecture, "Data Innovations in Patient-Centered Care: The VA CART Example", Health Care Systems Research Network conference, San Diego, CA
- 04/17 Faculty, American Heart Association Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke Scientific Sessions
- 05/17 Invited Grand Rounds Lecture, "Learning Healthcare Systems and the VA CART Program", University of Utah, Salt Lake City, UT
- 09/17 Invited Grand Rounds Lecture, "Learning Healthcare Systems and High-Value Care: Examples from Cardiology", New York Presbyterian Queens Medical Center, New York, NY
- 10/17 Invited Lecture, "Clinical Burden, Lifestyle Prevention Recommendations, and the Role of the Learning Healthcare System in Heart Failure", Westchester Cardiovascular Symposium, White Plains, NY
- 11/17 Faculty and Invited Speaker, "PCSK9 Inhibitors: Worth the Breakthrough?", American Heart Association Scientific Sessions, Anaheim, CA

- 11/17 Faculty and Invited Speaker, "Translating Innovation to the Point of Care", American Heart Association Scientific Sessions, Anaheim, CA
- 03/18 Faculty and Invited Speaker, "Show Me the Data! Successes and Failures of Big Data in Cardiology", American College of Cardiology Scientific Sessions, Orlando, FL
- 03/18 Judge, American College of Cardiology Innovation Challenge, Orlando, FL
- 03/18 Faculty, "Anticoagulation Challenges in Patients in Dysrhythmias", American College of Cardiology Scientific Sessions, Orlando, FL
- 04/18 Faculty and Invited Speaker, "How to Bring Innovation into a Health System for Value-Based Care", American Heart Association Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke Scientific Sessions, Washington DC
- 12/18 Invited lecture, "The Evolution from Health Services Research to Healthcare Innovation", Sentara Heart Hospital, Norfolk, VA
- 03/19 Invited lecture, "The Evolution from Health Services Research to the Healthcare Innovation Lab", Henry Ford Medical Center, Detroit, MI
- 04/19 Faculty, "Digital Health and Applications to Cardiovascular Care", American Heart Association Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke Scientific Sessions, Washington DC
- 04/19 Session Chair, American Medical Informatics Association Clinical Informatics Conference, Atlanta GA
- 05/19 Panelist, "Achieving Transformation through Innovation", Modern Healthcare Transformation Summit, Austin TX
- 05/19 Discussant, "From Collaboration to Transformation: Providers Join Forces to Improve Medicaid", Modern Healthcare Transformation Summit, Austin TX
- 01/20 Moderator and Panelist, "Successful Clinician and Technology Partnerships", CES, Las Vegas NV
- 01/20 Invited lecture, "Driving Innovation Using Data, Analytics, and Technology: The Healthcare Innovation Lab at Washington University School of Medicine and BJC HealthCare", University of California San Diego, San Diego, CA
- 02/20 Invited Judge, Accenture Health Tech Challenge, Houston TX
- 04/22 Invited lecture, "Communication in Crisis: The American College of Cardiology's COVID-19 Hub", Journal of the American College of Cardiology: Heart Failure Webinar Series
- 05/20 Invited lecture, "Effective Technology Integration Into Care Delivery: Examples from the BJC/Wash U Healthcare Innovation Lab", American Heart Association Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke Scientific Sessions
- 05/20 Invited lecture, "Clinical Insights on COVID 19 from the American College of Cardiology: What Does Myocardial Damage Mean in Terms of Risk Stratification? What Might Be the Cardiovascular Effects Directly from COVID-19?", VuMedi Medical Education Series
- 06/20 Invited lecture, "COVID-19 Update: Protecting Adults with Heart Disease", National Foundation for Infectious Diseases
- 07/20 Invited lecture, "Research in the Time of COVID-19", American College of Cardiology Industry Advisory Forum
- 01/21 "Digital Health and the BJC/WUSM Healthcare Innovation Lab", University of Chicago Cardiology Grand Rounds
- 01/21 "Digital Health and the BJC/WUSM Healthcare Innovation Lab", George Washington Cardiology Grand Rounds
- 02/21 Faculty, "What Did We Learn from COVID?", American College of Cardiology CV Summit
- 04/21 "Digital Health and the BJC/WUSM Healthcare Innovation Lab", Baylor College of Medicine Internal Medicine Grand Rounds

- 04/21 “Digital Health and the BJC/WUSM Healthcare Innovation Lab”, University of Rochester Internal Medicine Grand Rounds
- 04/21 Panelist, “Designing a Digital Patient Experience for the On-Demand Consumer”, Healthcare of Tomorrow from U.S. News & World Report
- 07/21 Panelist, “New Research: Evaluating the Impact of Virtual Care Quality”, Teladoc Health Forum
- 10/21 Invited lecture, “Show Me the Data: Proving the Benefit of Remote Patient Monitoring”, Applied Health Innovation Consortium Summit, American College of Cardiology
- 03/22 “Digital Health and the BJC/WUSM Healthcare Innovation Lab”, Cleveland Clinic Pediatric Cardiology Grand Rounds
- 04/22 “Pitch Perfect: The art of communicating your transformative idea”, American College of Cardiology Scientific Sessions
- 04/22 “How Healthcare Innovation is Redefining the Patient-clinician Relationship”, American College of Cardiology Scientific Sessions
- 04/22 “Innovation Hubs: Bridging the gap between Healthcare systems and Industry”, American College of Cardiology Scientific Sessions
- 05/22 “What’s On the Horizon: New Approaches and Trends in Device-Based Care”, Becker’s Cardiology Virtual Forum
- 09/22 Plenary Session, “Disruptions on the Horizons – Innovations in Patient-Reported and Social Determinants of Health Data Collection and Use”, American College of Cardiology Quality Summit
- 10/22 Keynote Address, “Digital Health and the BJC/WUSM Healthcare Innovation Lab”, Health Care Quality and Patient Safety Conference, American Board of Quality Assurance and Utilization Review Physicians
- 12/22 “Digital Health and the BJC/WUSM Healthcare Innovation Lab”, Healthcare Innovators Professional Society
- 12/22 “Adult Immunization to Promote Cardiovascular Health”, American College of Cardiology Heart House Roundtable
- 01/23 “Digital Health and the BJC/WUSM Healthcare Innovation Lab”, University of Utah Cardiology Grand Rounds
- 03/23 “Cardiovascular Workforce Crisis”, ACC Board of Governors, American College of Cardiology Scientific Sessions
- 03/23 “Cardiovascular Workforce: Actionable Solutions for a Brighter Future”, American College of Cardiology Scientific Sessions
- 03/23 “The Rise of the Machines: How Artificial Intelligence Could Change Health Care Delivery”, Association of Health Care Journalists – Health Journalism 2023
- 04/23 “Human-Centered Design: Small Changes, Big Impact”, American College of Cardiology Health Equity Summit
- 05/23 “Digital Health and the BJC/WUSM Healthcare Innovation Lab”, University of North Carolina Cardiology Grand Rounds
- 08/23 “The Cardiovascular Workforce Crisis”, American College of Cardiology Board of Governors
- 10/23 Panelist, “Health System Executive Perspectives on Implementation and Alignment”, Integrating Research on Aging into Health Systems: The Science and Practice of Implementation, Evidence to Impact Workshop, Wake Forest University
- 10/23 “Digital Health and Healthcare Delivery Innovation”, American Clinical and Climatological Association

International Invited Presentations

- 03/14 Invited Lectures, "Clinical Registries, Quality Improvement, and Outcomes Research", Argentine Federation of Cardiology National Congress, Mendoza, Argentina
- 10/14 Invited Lecture, "Clinical Registries, Quality Improvement, and Outcomes Research", Beijing, China
- 01/15 Faculty and Lecturer, "Evolving Concepts on Lipid Management: Debated Implications of the 2013 Guidelines - Are PCSK9 Inhibitors Poised For Breakthrough?", "Evolving Concepts on Hypertension: Debated Implications of the 2014 JNC 8 Recommendations", American College of Cardiology Cardiovascular Symposium India, Mumbai, India
- 10/15 Faculty and Lecturer, "ACS and Lipid Management", Best of ACC: American College of Cardiology Cardiovascular Symposium, Mumbai, India; Kochi, India; Kathmandu, Nepal; Dhaka, Bangladesh
- 01/18 Invited lecture, "The Healthcare Innovation Lab: Transforming Care Delivery with Data, Analytics, and Technology", mHealth Israel, Tel Aviv, Israel

Podcasts and other interviews:

- 02/18 "PCSK9 Inhibitors", AP Cardiology Podcast
- 04/19 "A New Route to Remote Monitoring in Heart Failure?", AP Cardiology Podcast
- 12/19 "Population Health", Practice Made Perfect, American College of Cardiology Podcast
- 07/23 "BJC HealthCare's VP, Digital & Innovation, Dr. Thomas Maddox: Shark Tank Competitions For Innovation Within a Health System, Launching an Innovation Lab to Scale Digital Health, and Using Data to Facilitate Proactive Care", The Digital Patient Podcast, SeamlessMD
- 11/23 "Reimagining Healthcare with User-Centered Design and Agile Methods", Smart from the Start Podcast, Care.ai

Research Support:

Governmental

- 07/07-06/08 VA HSR&D - REAP Project 08-01
Cardiac Care in Veterans with Non-Obstructive CAD
This grant analyses the care and outcomes of veterans with non-obstructive CAD.
Role: Principal Investigator
- 07/10-06/13 VA HSR&D - IIR (Merit Review Award) 09-347
Cardiac Risk and Stent Effect on Adverse Peri-operative Events
This grant evaluates cardiac risks and outcomes among veterans who receive non-cardiac surgical procedures within twelve months of receiving a coronary stent.
Role: Principal Investigator
- 07/10-06/12 HHS AHRQ - R01-HS018466
Hospital Management Practices and Cardiac Outcomes
This grant analyzes associations between hospital management practices and cardiac outcomes.
Role: Co-Investigator
- 07/10-06/11 VA HSR&D – QUERI Rapid Response Project 11-014
Reductions in Radiation Exposure among VA Cath Labs
This grant analyzes radiation use in VA cath labs and designs interventions for their reduction.
Role: Co-Investigator
- 07/10-06/11 VA HSR&D – QUERI Rapid Response Project 09-162
Improvements in Clopidogrel Adherence after PCI
This grant implemented an intervention to improve clopidogrel adherence to VA patients after PCI.
Role: Co-Investigator
- 07/11-06/13 VA Office of Specialty Care Transformation - HX12-003
VA Specialty Care Evaluation Center
This grant evaluated the dissemination and effectiveness of various VA specialty care telehealth initiatives.
Role: Co-Investigator
- 07/11-06/12 VA HSR&D – QUERI Rapid Response Project 242
Transitions Intervention for Cardiac Patients
This grant implements a nurse-assisted program to facilitate the transition of cardiac patients from hospitalization to home.
Role: Co-Investigator
- 07/12-06/13 VA HSR&D - QUERI Rapid Response Project 12-448
Natural Language Processing to Ascertain Stress Test Data
This grant uses natural language processing methods to extract cardiac stress testing information from text notes in the national VA electronic health record.
Role: Co-Investigator

- 07/12-06/13 VA HSR&D – QUERI Rapid Response Project 12-236
Reduction in Overuse of Left Ventriculography in VA Cath Labs
This grant assesses the variation and potential overuse of left ventriculograms in VA cath labs.
Role: Co-Investigator
- 07/10-06/15 VA HSR&D – Career Development Award 08-021
Secondary Prevention and Outcomes Among Veterans with CAD
This grant evaluates longitudinal care and outcomes among veterans with coronary artery disease.
Role: Principal Investigator
- 07/10-06/15 NIH - R24 TW008905-01
Cerebrovascular, Heart Failure, and Rheumatic Heart Disease Interventions Strategy (CHRIS) Initiative - Medical Education Partnership Initiative (MEPI)
This grant provides cardiology and research training to medical trainees in Harare, Zimbabwe.
Role: Co-Investigator
- 07/13-06/16 VA HSR&D – IIR (Merit Review Award) 12-019
Differences in Quality, Cost, and Access between VA and Fee Basis CABG and PCI
This grant compares the quality, cost, and access of coronary revascularization procedures between VA and fee-based non-VA facilities to guide resource allocation decisions.
Role: Principal Investigator (10%)
- 07/13-06/16 VA HSR&D – IIR (Merit Review Award) 11-292
National Surveillance of Acute Kidney Injury Following Cardiac Catheterization
This grant assesses the incidence of acute kidney injury after cardiac cath in the VA system, and implements a real-time detection system to enable clinical decision support to reduce its occurrence.
Role: Site Principal Investigator (5%)
- 07/15-04/17 VA HSR&D – IIR (Merit Review Award)
Appropriateness of Cath and PCI
Role: Co-Investigator (10%)
- 07/15-04/17 VA HSR&D – IIR (Merit Review Award)
Secondary Event Prevention using Population Risk Management After PCI and for Anti-Rheumatic Medications
Role: Co-Investigator (5%)
- 11/17-10/22 NIH/NCATS - 1U24TR002306-01
A National Center for Digital Health Informatics Innovation
This grant supports the development and use of an “open data” platform among the participating CTSA institutions to drive health care informatics and care delivery innovations.
Role: Co-Investigator (15%)
- 7/3/20-7/2/22 NIH/NIHM - R61MH119237

Study of a PST-Trained Voice-Enabled Artificial Intelligence Counselor (SPEAC) for Adults with Emotional Distress

Role: Consultant

7/22-7/29

NIH - UG3HL16506

The Rhythm Evaluation for Anticoagulation with Continuous Monitoring of Atrial Fibrillation Trial (REACT-AF)

This grant assesses whether an AF-sensing watch (AFSW)-guided, time-delimited DOAC therapy is non-inferior to continuous DOAC therapy for a composite endpoint of ischemic stroke, systemic embolism, and all-cause mortality. It will also assess whether AFSW-guided, time-delimited DOAC therapy significantly reduces major bleeding events compared to continuous DOAC therapy.

Role: Site PI

Non-governmental

01/08-12/08

American Society of Echocardiography – Outcomes Research Grant

Measuring Quality of LVEF Assessment Using Outcomes

This grant explores the utility of mortality as a proxy for echocardiographic quality in the VA.

Role: Site Principal Investigator

07/16-04/17

University of Colorado School of Medicine – Transformational Research Award

Data Science to Patient Value (D2V)

This grant is a multidisciplinary research initiative that focuses on “big data” methods, their applications to medicine and health care delivery, and ultimately, the achievement of high value, patient-centered health care.

Role: Informatics Lead (10%)

Clinical Title and Responsibilities:

Staff Cardiologist, Cardiology Section, VA Eastern Colorado Health Care System

- 10/06-04/17 Supervision and teaching of the in-patient cardiology consultative service – 4-6 weeks/year
- 10/06-04/17 Supervision and teaching at the outpatient cardiology clinics – 5 hours/week
- 10/06-04/17 Supervision and teaching of the non-invasive cardiology section – 10 hours/week

Attending Cardiologist, Barnes Jewish Hospital

- 06/17-06/23 Supervision and teaching of the in-patient cardiology consultative and firm services – 8 weeks/year
- 06/23-present Supervision and teaching of the in-patient cardiology consultative and firm services – 6 weeks/year

Teaching Title and Responsibilities:

10/07-06/12 Assistant Professor, University of Colorado School of Medicine
07/12-04/17 Associate Professor, University of Colorado School of Medicine
06/17-present Professor, Washington University School of Medicine

Medical Student Presentations

10/06-04/17 Instructor, Cardiac Pathophysiology tutorials, University of Colorado School of Medicine
(recipient of top teaching evaluations each year)
07/12-04/17 Lecturer, "Secondary Prevention in Coronary Artery Disease", University of Colorado School of
Medicine

Graduate Student Presentations

10/08 Lecturer, Clinical Science Program, School of Public Health, University of Colorado Denver

Medical House Officer Presentations

07/09-04/17 Director, Division of Cardiology Journal Club, University of Colorado School of Medicine
(Instruction in evidence-based methods and interpretation – 4 hours/month)
10/10 Invited lecture, "Lessons Learned in Obtaining a Career Development Award", Clinical Faculty
Scholars Program, University of Colorado School of Medicine
08/11 Invited lecture, "Grant Writing", Department of Medicine Research Conference, University of
Colorado School of Medicine
12/12 Invited lecture, "CT Calcium Scoring", Division of Cardiology Echo/Advanced Imaging
Conference, University of Colorado School of Medicine
11/13 Moderator, Department of Medicine Intern Journal Club, University of Colorado School of
Medicine
12/13 Invited lecture, "CT Calcium Scoring", Division of Cardiology Echo/Advanced Imaging
Conference, University of Colorado School of Medicine
03/13 Invited Lecture, "Valvular Disease", Department of Medicine Internal Medicine Residency
Training Program, University of Colorado School of Medicine
04/13 Invited Lecture, "Stable Angina, ACS, and CHF", Department of Medicine Internal Medicine
Residency Training Program, University of Colorado School of Medicine
05/13 Invited Lecture, "Stable Angina, ACS, and CHF", Department of Medicine Internal Medicine
Residency Training Program, University of Colorado School of Medicine

Formal Mentorship Presentations and Activities

07/10-04/17 Mentored Scholarly Activity Program, University of Colorado School of Medicine (Mentees:
Maggie Tillquist, Benjamin Leon)
07/14-12/14 Guided Research Tutorial Course, University of Colorado School of Public Health (Mentee: David
Katz)
07/14-04/17 Research Mentor, University of Colorado School of Medicine
Mentees: Luke Marzec, Lauren Thompson, Amneet Sandhu, Javier Valle, Jennifer Jarvie,
Supriya Shore, Walker Keach, Reynaria Pitts, Michael Cowherd, Lindsay Kaun, Sridharan
Raghavan, Jacob Doll, Heather Gilmartin

- 07/14-06/15 CO-Mentor (Colorado Mentor Training Program) Program, University of Colorado School of Medicine (Mentee: Javier Valle)
- 06/15 Thesis Committee, University of Colorado School of Public Health (Mentee: Lauren Thompson)
- 06/16 Thesis Committee, University of Colorado School of Public Health (Mentee: Javier Valle)
- 06/17-present Research Mentor, Washington University School of Medicine
Mentees: Walker Keach (CU Health), Anaeze Offodile (MD Anderson Medical Center), Andrew Levy (CU Health), Ankit Bhatia (WUSM), Pat Lyons (WUSM), Christopher King (WUSM), Bradley Fritz (WUSM), Krissy Mikhova (WUSM), Viviany Taqueti (BWH))

Other Teaching Presentations

- 08/08 Lecturer, "Management of Heart Failure" and "Management of Valvular Heart Disease", University of Lumbumbashi School of Medicine, Lumbumbashi, Democratic Republic of the Congo
- 08/08 Visiting attending, General Medicine Service, University of Lumbumbashi School of Medicine, Lumbumbashi, Democratic Republic of the Congo
- 07/11 Invited lecture, "Angina and Secondary Prevention in the Post-COURAGE Era", 47th Annual Estes Park Internal Medicine Conference
- 10/11-10/14 Lecturer, Cardiac Pathophysiology, University of Zimbabwe School of Medicine, Harare, Zimbabwe
- 10/11-10/14 Visiting Attending, General Medicine Service, Parirenyatwa Hospital, Harare, Zimbabwe
- 07/13-06/15 Lecturer and Coordinator, Cardiac Nurse Practitioner Education Program, VA Eastern Colorado Health Care System

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Full PubMed listing of publications: <https://pubmed.ncbi.nlm.nih.gov/?term=maddox+tm&sort=date>

Peer-reviewed publications (through 2020)

1. Lillie-Blanton M, **Maddox TM**, Rushing O, Mensah GA. Disparities in cardiac care: rising to the challenge of Healthy People 2010. J Am Coll Cardiol. Aug 2004; 44(3):503-8.
2. **Maddox TM**. Preoperative cardiac evaluation. Mt Sinai J of Med. May 2005; 72(3): 185-192.
3. **Maddox TM**, Reid KJ, Rumsfeld JS, Spertus JA. One-Year Health Status Outcomes of Unstable Angina versus Myocardial Infarction: a prospective, observational cohort study of ACS survivors. BMC Cardiovascular Disorders September 2007, 7:28.
4. Ho PM, Magid DJ, Shetterly SM, Olson KL, **Maddox TM**, Peterson PN, Masoudi FA, Rumsfeld JS. Medication non-adherence is associated with a broad range of adverse outcomes in CAD patients. American Heart Journal 2008; 155:772-79.
5. Ho PM, **Maddox TM**, Ross C, Rumsfeld JS, Magid DJ. Impaired Chronotropic Response to Exercise Stress Testing in Patients with Diabetes Predicts Future Cardiovascular Events. Diabetes Care May 2008.
6. **Maddox TM**, Reid KJ, Spertus JA, Parashar S, Mittleman M, Krumholz H, Ho PM, Rumsfeld JS. The Prevalence and Factors Associated With 1-Year Angina among Post-MI Patients. Arch Intern Med 2008; 168 (12): 1310-6.
7. **Maddox TM**, Ross C, Ho PM, Masoudi FA, Magid D, Daugherty SL, Peterson PN, Rumsfeld JS. Abnormal Heart Rate Recovery and Chronotropic Response among Low and Intermediate-Risk Exercise Treadmill Test Patients. American Heart Journal 2008; 156: 736-44.
8. Decker C, Ahmad H, Moreng KL, **Maddox TM**, Reid KJ, Jones, PG, Spertus JA. Risk Factor Management After Myocardial Infarction: Reported Adherence and Outcomes. Am Heart J 2009;157:556-62.
9. Ho PM, **Maddox TM**, Wang L, Fihn SD, Jesse RL, Peterson ED, Rumsfeld JS. Risk of adverse outcomes associated with concomitant use of proton pump inhibitors and clopidogrel following acute coronary syndrome. JAMA. 2009;301(9):937-944.
10. **Maddox TM**, Ross C, Ho PM, Magid D, Rumsfeld JS. Impaired Heart Rate Recovery is Associated with New-Onset Atrial Fibrillation: A Prospective Cohort Study. BMC Cardiovasc Disord 2009 Mar 12; 9:11.
11. Tsai TT, **Maddox TM**, Roe MT, Dai D, Alexander KP, Ho PM, Messenger JC, Nallamothu BK, Peterson ED, Rumsfeld JS. Use of Contraindicated Anti-Thrombotics In Dialysis Patients Undergoing Percutaneous Coronary Interventions: Insights from the National Cardiovascular Data Registry (NCDR). JAMA. 2009;302(22):2458-64.
12. Stolker JM, McCullough PA, Rao S, Inzucchi SE, Spertus JA, **Maddox TM**, Masoudi FA, Xiao L, Kosiborod M. Pre-procedural glucose levels and the risk of contrast-induced acute kidney injury in patients hospitalized with acute myocardial infarction. J Am Coll Cardiol. 2010;55;1433-1440.
13. Ho PM, Tsai TT, **Maddox TM**, Powers JD, Carroll NM, Jackevicius C, Go AS, Margolis KL, DeFor TA, Rumsfeld JS, Magid DJ. Delays in Filling Clopidogrel Prescription After Hospital Discharge and Adverse Outcomes

- Following Drug-Eluting Stent Implantation: Implications for Transitions of Care. Circulation: Cardiovascular Quality and Outcomes. 2010 May; 3(3): 261-6.
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