

CURRICULUM VITAE

Daniella Meeker, PhD

Version Date: 4/16/2026

Contact Information:

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School: Yale School of Medicine

Education:

08/1994 - 05/1998 BA, University of Chicago, Biology, Chicago, IL
08/1998 - 05/2005 PhD, California Institute of Technology, Computation and Neural Systems,
Pasadena, CA
09/2005 - 09/2007 MS, University of California, Los Angeles, CA, Health Services, Los Angeles, CA

Career/Academic Appointments:

06/2008 Post-Doctoral Scholar, Research, Agency for Healthcare Research and Quality,
Santa Monica, CA
06/2011 Distinguished Fellow, Roybal Center for Health Policy and Simulation, RAND
Corporation, Santa Monica, CA
09/2012 - 10/2014 Information Scientist, Engineering and Applied Science, RAND Corporation, Santa
Monica, CA
01/2014 - 01/2021 Assistant Professor , Department of Preventive Medicine, Pediatrics, University of
Southern California, Keck School of Medicine, Los Angeles, CA
08/2014 - 09/2020 Director, SC-CTSI Informatics Program, Southern California Clinical Translational
Sciences Institute, Los Angeles, CA
10/2020 - 01/2023 Co-Director, SC-CTSI Informatics Program, Southern California Clinical
Translational Sciences Institute, Los Angeles, CA
08/2021 - 01/2023 Associate Professor, Department of Population and Public Health Sciences,
Pediatrics, University of Southern California, Keck School of Medicine, Los
Angeles, CA
01/2023 - Present Associate Professor Tenure, Biomedical Informatics and Data Science, Yale School
of Medicine, New Haven, CT
01/2023 - Present Chief Research Informatics Officer, YSM, YNHHS, Yale University School of
Medicine, Yale New Haven Health System, New Haven, CT

01/2023 - Present Adjunct Research Professor, Departments of Preventive Medicine and Pediatrics,
University of Southern California, Keck School of Medicine, Los Angeles, CA

Administrative Positions:

2014 - 2020 Director, SC-CTSI Informatics Program, Southern California Clinical Translational
Sciences Institute, University of Southern California, Los Angeles, CA

2016 - 2022 Faculty Lead, Informatics Core Facility, Los Angeles County Department of Health
Services , Los Angeles, CA

2020 - 2023 Co-Director, SC-CTSI Informatics Program, Southern California, Clinical
Translational Sciences Institute, University of Southern California, Los Angeles, CA

2023 - Present Chief Research Information Officer, Yale New Haven Health System, Yale School of
Medicine, New Haven, CT

Professional Honors & Recognition:

International/National/Regional

2018 Emergency Medicine Choosing Wisely Champion for MITIGATE project (runner
up), American College of Emergency Physicians

2019 Editor in Chief Pick of the Month , Academic Emergency Medicine Journal,

2019 Best Publication Award, Behavioral Science and Policy Association

2024 Fellow, American College of Medical Informatics (ACMI)

2025 Publication Award, Journal of Clinical Translational Science

Other

2012 Distinguished Fellow, Roybal Center for Health Policy Simulation

2015 Merkin Scholarship for Neuroscience and Policy, Richard Merkin Foundation

Grants/Clinical Trials History:

Current Grants

Agency: Office of the Director

I.D.#: OT2OD037644

Title: All of Us Coast-to-Coast Strong recrUitment, Retention, and Facilitation (C2C
SURF)

P.I.: Lucila Ohno-Machado

Role: Co-PI

Percent effort: N/A

Total costs: -

Project period: 05/01/2024 - 04/30/2026

Agency: National Institute on Aging

I.D.#: R33AG058926

Title: Growing the Geriatric Emergency care Applied Research (GEAR 1.1) network: Expanding and sustaining an emergency care aging study infrastructure.
P.I.: Ula Hwang
Role: Co-PI
Percent effort: N/A
Total costs: -
Project period: 08/15/2018 - 08/31/2029

Agency: National Institute on Aging
I.D.#: P30AG024968
Title: USC-Yale Roybal Center for Behavioral Interventions in Aging
P.I.: JASON N. DOCTOR
Role: Co-PI
Percent effort: N/A
Total costs: -
Project period: 09/30/2004 - 05/31/2029

Agency: National Institute on Aging
I.D.#: U54AG063546
Title: NIA AD/ADRD Health Care Systems Research Collaboratory
P.I.: VINCENT MOR
Role: Subproject-PI
Percent effort: N/A
Total costs: \$91,757,336.00
Project period: 09/01/2019 - 08/31/2030

Agency: National Institute of Mental Health/NIH/DHHS
I.D.#: 1U01MH136497-01
Title: IMPACT-MH: Clinical and behavioral fingerprints of psychopathology
P.I.: Christopher Pittenger
Role: Coinvestigator
Percent effort: 6%
Total costs: \$20,634,291.00
Project period: 06/01/2024 - 05/31/2029

Agency: National Institute of Mental Health/NIH/DHHS
I.D.#: 1U24MH136069-01
Title: Coordinating Individually Measured Phenotypes to Advance Mental Health Research
P.I.: Christopher Pittenger
Role: Coinvestigator
Percent effort: 5%
Total costs: \$7,876,159.00
Project period: 07/01/2024 - 04/30/2029

Agency: Agency for Healthcare Research and Quality (AHRQ)/DHHS
 I.D.#: 1R01HS030395-01
 Title: SAFE-Care: Safety-Focused Assessment and Formation of Emergency Care Teams
 P.I.: Edward Melnick
 Role: Coinvestigator
 Percent effort: 1%
 Total costs: \$1,997,070.00
 Project period: 03/01/2025 - 02/28/2029

Agency: National Institute on Drug Abuse/NIH/DHHS
 I.D.#: 1R33DA059884-01
 Title: ADAPT: Adaptive Decision support for Addiction Treatment
 P.I.: Edward Melnick
 Role: Coinvestigator
 Percent effort: 7%
 Total costs: \$6,056,097.00
 Project period: 09/30/2023 - 09/29/2028

Agency: National Institute of Health/DHHS
 I.D.#: 1 R01HL167023-01 A1
 Title: The Study in Outpatient Medicine using Nudges to improve Sleep: The SOMNUS Trial
 P.I.: Daniella Meeker
 Role: MPI
 Percent effort: 3%
 Total costs: \$59,824.00
 Project period: 07/15/2023 - 06/30/2028

Agency: Sergey Brin Family Foundation
 I.D.#: Unknown
 Title: Yale Aligning Research to Impact Autism
 P.I.: Murat Günel
 Role: Coinvestigator
 Percent effort: 5%
 Total costs: \$27,779,698.00
 Project period: 06/01/2025 - 05/31/2028

Agency: Morehouse School of Medicine (National Institutes of Health/DHHS)
 I.D.#: 10T20D038369-01
 Title: The Morehouse Network Research Hub, Clinical Operations Network for New and Emerging Collaborative Trials (CONNECT)
 P.I.: Marcella Nunez-Smith

Role: Coinvestigator
Percent effort: 5%
Total costs: \$2,403,686.00
Project period: 09/01/2024 - 08/31/2026

Agency: American Heart Association
I.D.#: 24GWTGSIC1341098
Title: Innovative Methods for PHI-free Aggregation of CT Studies (IMPACTS)
P.I.: Guido J. Falcone
Role: Coinvestigator
Percent effort: 1%
Total costs: \$460,000.00
Project period: 07/01/2024 - 06/30/2026

Agency: National Institute of Health/NCATS
I.D.#: UL1TR001863
Title: Yale Clinical and Translational Science Award (CTSA)
P.I.: Lucila Ohno-Machado, Brian R. Smith, John H. Krystal
Role: Coinvestigator
Percent effort: 17%
Total costs: \$53,995,960.00
Project period: 06/01/2021 - 05/31/2026

Agency: National Institutes on Aging (NIA)
I.D.#: 5R01AG070054-02
Title: Reducing High Risk Polypharmacy Using Behavioral Economics through Electronic Health
P.I.: Stephen Persell
Role: Coinvestigator
Percent effort: 5%
Total costs: \$2,693,115.00
Project period: 08/01/2022 - 05/31/2026

Agency: National Institutes of Health/DHHS
I.D.#: 1OT2OD037644-01
Title: All of Us Coast-to-Coast Strong UBR Recruitment, Retention, and Facilitation (C2C SURF)
P.I.: Lucila Ohno-Machado
Role: Coinvestigator
Percent effort: 5%
Total costs: \$9,300,000.00
Project period: 05/01/2024 - 04/30/2026

Agency: PCORI

I.D.#: CDRN-1306-04819
Title: pSCANNER (patient-centered SCALABLE National Network for Effectiveness)
P.I.: Lucila Ohno-Machado
Role: Principal Investigator (MPI)
Percent effort: 10%
Total costs: \$6,994,451.00
Project period: 10/02/2015 - 03/31/2029

Current Clinical Trials

Agencies: University of Southern California
I.D.#: 2000036876
Title: A Randomized Trial to Reduce Inappropriate Prescribing to Older Adults Visiting the Emergency Department
P.I.: Daniella Meeker
Role: Principal Investigator
Percent effort: N/A
Total costs: -
Project period: 03/27/2024 - ongoing

Past Grants

Agency: National Institute on Aging
I.D.#: R21AG057400
Title: Improving Quality & Equity of Emergency Care Decisions (IQED)
P.I.: Daniella Meeker
Role: PI
Percent effort: N/A
Total costs: -
Project period: 09/15/2017 - 08/31/2020

Agency: Agency for Healthcare Research and Quality
I.D.#: R01HS026506
Title: Improving Safe Antibiotic Prescribing in Telehealth: A Randomized Trial
P.I.: Daniella Meeker
Role: PI
Percent effort: N/A
Total costs: -
Project period: 09/30/2018 - 07/31/2025

Agency: Agency for Healthcare Research and Quality
I.D.#: R01HS028127
Title: The Role of Telehealth in COVID-19 Response
P.I.: Daniella Meeker
Role: PI

Percent effort: N/A
 Total costs: -
 Project period: 12/10/2020 - 11/30/2023

Agency: National Human Genome Research Institute/NIH/DHHS
 I.D.#: 7R01HG011066-04
 Title: iAGREE: A Multi- Center, Networked Patient Consent Study
 P.I.: Lucila Ohno-Machado
 Role: Coinvestigator
 Percent effort: 6%
 Total costs: \$2,280,125.00
 Project period: 01/01/2023 - 02/28/2026

Agency: New York University Grossman School of Medicine (National Institutes of Health/DHHS)
 I.D.#: 5R33AG069822-05
 Title: Geriatric Emergency care Applied Research network 2.0 - Advancing Dementia Care (GEAR 2.0 ADC)
 P.I.: Cameron Gettel
 Role: Coinvestigator
 Percent effort: 5%
 Total costs: \$718,801.00
 Project period: 02/01/2024 - 01/31/2026

Agency: NYU Grossman School of Medicine (Ray and Dagmar Dolby Family Fund)
 I.D.#: 24-A0-00-1011831
 Title: San Francisco Geriatric and Age-Friendly Emergency Department (GED./AFED) Federated Evaluation Proposal (Phase 2 to 4)
 P.I.: Daniella Meeker, Ula Hwang
 Role: MPI
 Percent effort: 2%
 Total costs: \$107,475.00
 Project period: 01/01/2024 - 12/31/2025

Agency: National Institutes of Health/DHHS
 I.D.#: 3OT2OD037644-01S2
 Title: All of Us Coast-to-Coast Strong UBR Recruitment, Retention, and Facilitation (C2C SURF) through Innovation; Coast-to-Coast Precision Medicine Consortium
 P.I.: Lucila Ohno-Machado
 Role: Coinvestigator
 Percent effort: 10%
 Total costs: \$1,250,000.00
 Project period: 09/24/2024 - 08/31/2025

Agency: National Institutes of Health/DHHS
 I.D.#: 3OT2OD037644-01
 Title: All of Us Coast-to-Coast Strong UBR Recruitment, Retention, and Facilitation (C2C SURF) through Innovation; Coast-to-Coast Precision Medicine Consortium
 P.I.: Lucila Ohno-Machado
 Role: Coinvestigator
 Percent effort: 5%
 Total costs: \$5,600,000.00
 Project period: 05/01/2024 - 04/30/2025

Agency: National Institutes of Health/DHHS
 I.D.#: 3OT2OD037644-01S1
 Title: All of Us Coast-to-Coast Strong UBR Recruitment, Retention, and Facilitation (C2C SURF) through Innovation; Coast-to-Coast Precision Medicine Consortium
 P.I.: Lucila Ohno-Machado
 Role: Coinvestigator
 Percent effort: 10%
 Total costs: \$450,000.00
 Project period: 09/12/2024 - 04/30/2025

Agency: National Institutes of Health
 I.D.#: U24LM013755
 Title: RADx-Rad Discoveries & Data: Consortium Coordination Center Program Organization
 P.I.: Lucila Ohno-Machado; Aronoff-Spencer, Eliah; Xu, Hua
 Role: Coinvestigator
 Percent effort: 11%
 Total costs: \$17,227,465.00
 Project period: 12/21/2020 - 11/30/2024

Agency: National Institute on Aging (NIA)
 I.D.#: 2P30AG024968-17
 Title: Roybal Center for Behavioral Interventions in Aging
 P.I.: Dana Goldman; Jason Doctor
 Role: Coinvestigator
 Percent effort: 10%
 Total costs: \$2,476,132.00
 Project period: 09/15/2019 - 05/31/2024

Agency: National Institute on Aging (NIH/NIA)
 I.D.#: 3R33AG057395 - 03S1
 Title: Use of behavioral economics in repeat SARS-CoV-2 antibody testing in disadvantaged communities
 P.I.: Jason Doctor

Role: Coinvestigator
 Percent effort: 5%
 Total costs: \$648,399.00
 Project period: 09/01/2020 - 05/31/2023

Agency: National Institute on Aging (NIH/NIA)
 I.D.#: 3R33AG057395 - 04S1
 Title: Use of behavioral economics in repeat SARS-CoV-2 antibody testing in disadvantaged communities
 P.I.: Jason Doctor
 Role: Coinvestigator
 Percent effort: 5%
 Total costs: \$1,271,339.00
 Project period: 09/01/2020 - 08/31/2022

Agency: National Institute on Aging (NIA)
 I.D.#: R33AG057395
 Title: Application of Economics and Social psychology to improve Opioid Prescribing Safety (AESOPS) Trial
 P.I.: Jason Doctor
 Role: Coinvestigator
 Percent effort: 10%
 Total costs: \$3,301,573.00
 Project period: 09/01/2019 - 05/31/2022

Agency: National Institute on Aging (NIA)
 I.D.#: R33AG057383
 Title: Behavioral Economics Applications to Geriatrics Leveraging EHRs (BEAGLE)
 P.I.: Stephen Persell
 Role: Coinvestigator
 Percent effort: 5%
 Total costs: \$3,633,133.00
 Project period: 09/01/2019 - 05/31/2022

Agency: Office of the National Coordinator for Health Information Technology (ONC)
 I.D.#: HHS 75P00119F37004
 Title: Synthetic Health Data Generation to Accelerate Patient-Centered Outcomes Research
 P.I.: Nitin Samarth
 Role: Consultant
 Percent effort: 10%
 Total costs: \$1,293,668.00
 Project period: 02/01/2019 - 01/31/2022

Agency: National Institute on Drug Abuse (NIDA)
 I.D.#: R01DA046226
 Title: Reducing Inappropriate Prescription Opioid Prescribing at Discharge
 P.I.: Katherine E. Watkins
 Role: Coinvestigator
 Percent effort: 5%
 Total costs: \$4,303,669.00
 Project period: 10/17/2019 - 05/31/2024

Agency: National Institutes of Health (NIH)
 I.D.#: 3OT2OD026552
 Title: California Precision Medicine Consortium
 P.I.: Lucila Ohno-Machado
 Role: Coinvestigator
 Percent effort: 15%
 Total costs: \$679,235.00
 Project period: 04/01/2018 - 03/31/2023

Agency: National Institutes of Health-NCATS
 I.D.#: UL1TR001855
 Title: Southern California Clinical and Translational Institute
 P.I.: Thomas A. Buchanan
 Role: Coinvestigator
 Percent effort: 10%
 Total costs: \$44,577,045.00
 Project period: 07/01/2016 - 05/31/2022

Agency: National Institutes of Health- NCATS
 I.D.#: U01TR001806
 Title: Improving Patient Reported Outcome Data for Research through Seamless Integration of the PROMIS Toolkit into EHR Workflows
 P.I.: Justin Starren
 Role: Coinvestigator
 Percent effort: 5%
 Total costs: \$6,292,214.00
 Project period: 09/15/2016 - 06/30/2021

Agency: Gordon and Betty Moore Foundation
 I.D.#: GBMF9639
 Title: Rapid Response Data Discovery for COVID-19 Clinical Consultations
 P.I.: Lucila Ohno-Machado
 Role: Coinvestigator
 Percent effort: 10%
 Total costs: \$500,000.00

Project period: 05/01/2020 - 06/30/2021

Agency: PCORI
 I.D.#: CDRN-1306-04864
 Title: PCORnet Opioid Surveillance Demonstration
 P.I.: Thomas W. Carton
 Role: Coinvestigator
 Percent effort: 10%
 Total costs: \$243,779.00
 Project period: 07/01/2018 - 09/30/2019

Agency: National Institutes of Health (NIH)
 I.D.#: R21AG057395
 Title: Application of Economics and Social psychology to improve Opioid Prescribing Safety (AESOPS) Trial
 P.I.: Jason Doctor
 Role: Coinvestigator
 Percent effort: 10%
 Total costs: \$550,358.00
 Project period: 09/01/2017 - 08/31/2024

Agency: National Institutes of Health (NIH)
 I.D.#: R21AG057396
 Title: Reducing High-Risk Geriatric Polypharmacy via EHR Nudges
 P.I.: Mark Friedberg
 Role: Coinvestigator
 Percent effort: 1%
 Total costs: \$455,285.00
 Project period: 09/30/2017 - 08/31/2019

Agency: National Institutes of Health (NIH)
 I.D.#: R21AG057383
 Title: Behavioral Economics Applications to Geriatrics Leveraging EHRs (BEAGLE)
 P.I.: Stephen Persell
 Role: Coinvestigator
 Percent effort: 1%
 Total costs: \$463,277.00
 Project period: 09/30/2017 - 08/31/2019

Agency: National Center for Advancing Translational Sciences (NCATS)
 I.D.#: 3UL1TR000130
 Title: Southern California Clinical and Translational Institute
 P.I.: Thomas A. Buchanan
 Role: Coinvestigator

Percent effort: 32%
 Total costs: \$5,610,906.00
 Project period: 09/30/2017 - 08/31/2019

Agency: Agency for Healthcare Research and Quality (AHRQ)- Electric Data Methods (EDM) Forum
 I.D.#: 1U18HS022789-01
 Title: Collaborative Methods Projects: Closing the loop in learning health system
 Role: Principal Investigator
 Percent effort: 20%
 Total costs: \$99,278.00
 Project period: 09/30/2014 - 12/31/2015

Agency: National Institutes of Health (NIH)
 I.D.#: 5R01NR013372-04
 Title: Trajectories and Palliation Study (TAPS)
 P.I.: Karl Lorenz
 Role: Coinvestigator
 Percent effort: 1%
 Total costs: \$1,321,624.00
 Project period: 09/27/2011 - 07/31/2015

Agency: Office of Secretary of Defense
 I.D.#: PD#10-504 W74V8H-06-C-0002
 Title: Innovative Practices for Supporting Psychological Health and TBI: Evaluation of SimCoach Virtual Human
 P.I.: RAND Corporation
 Role: Coinvestigator
 Percent effort: 15%
 Total costs: -
 Project period: 01/01/2010 - 12/31/2014

Agency: National Institute on Aging (NIA)
 I.D.#: 1RC4AG039115
 Title: Use of behavioral economics and social psychology to improve treatment of acute respiratory infections (BEARI)
 P.I.: Jason Doctor
 Role: Coinvestigator
 Percent effort: 35%
 Total costs: \$11,464,018.00
 Project period: 09/16/2010 - 08/31/2014

Agency: Office of the National Coordinator for Health Information Technology (ONC)
 I.D.#: HHSP23320095649WC

Title: Promoting Patient Safety through Effective HIT Risk Management
 P.I.: Eric C. Schneider
 Role: Co Principal Investigator
 Percent effort: 15%
 Total costs: \$894,505.00
 Project period: 03/01/2012 - 03/31/2014

Agency: Agency for Healthcare Research and Quality
 I.D.#: R01HS019913-01
 Title: SCANNER: Scalable National Network for Effectiveness Research
 P.I.: Lucila Ohno-Machado
 Role: Coinvestigator
 Percent effort: 40%
 Total costs: \$8,309,906.00
 Project period: 09/01/2010 - 09/30/2013

Agency: Blue Shield of California
 I.D.#: BSC-12-22-2011
 Title: Evaluation of Blue Shield of California ACO Development Grants
 P.I.: Susan M. Ridgely
 Role: Coinvestigator
 Percent effort: 20%
 Total costs: \$616,722.00
 Project period: 12/01/2011 - 12/31/2013

Agency: InHealth Foundation
 I.D.#: IH143309
 Title: Patient-Centered Diabetes Outcomes Study
 P.I.: Peter Huckfeldt
 Role: Coinvestigator
 Percent effort: 15%
 Total costs: \$403,802.00
 Project period: 12/01/2009 - 06/30/2013

Agency: United States Army
 I.D.#: PUIC HQD116051
 Title: Policy Issues for Health Technology and Health Informatics
 P.I.: Susan Hosek
 Role: Coinvestigator
 Percent effort: 5%
 Total costs: \$400,000.00
 Project period: 08/01/2011 - 09/30/2013

Agency: Office of the National Coordinator for Health Information Technology (ONC)

I.D.#: HHSP233201000702G
 Title: Efficiency Measures Associated with the Use of Electronic Health Records
 P.I.: Cheryl L. Damberg
 Role: Coinvestigator
 Percent effort: 20%
 Total costs: \$816,143.00
 Project period: 12/01/2009 - 06/30/2013

Agency: Jaeb Foundation
 I.D.#: JAEB1-31-11
 Title: Creation of Type I Diabetes Registry
 Role: Principal Investigator
 Percent effort: 30%
 Total costs: \$50,000.00
 Project period: 01/01/2011 - 04/30/2011

Past Clinical Trials

Agencies: University of Southern California
 I.D.#: NCT01454947
 Title: Use of behavioral economics and social psychology to improve treatment of acute respiratory infections (BEARI) (Main Study)
 Role: Sub-Investigator
 Percent effort: 35%
 Total costs: 11464018.0000
 Project period: 09/16/2010 - 08/31/2014

Agencies: University of Southern California
 I.D.#: NCT01454960
 Title: Use of behavioral economics and social psychology to improve treatment of acute respiratory infections (BEARI) (Pilot Study)
 Role: Sub-Investigator
 Percent effort: 35%
 Total costs: 11464018.0000
 Project period: 09/16/2010 - 08/31/2014

Agencies: National Institutes of Health
 I.D.#: NCT03773484)
 Title: Application of Economics and Social psychology to improve Opioid Prescribing Safety (AESOPS): R21 Pilot Phase
 Role: Sub-Investigator
 Percent effort: 10%
 Total costs: 550358.0000
 Project period: 09/01/2017 - 08/31/2024

Agencies: National Institutes of Health
 I.D.#: NCT04477304
 Title: Application of Economics and Social psychology to improve Opioid Prescribing Safety (AESOPS) Trial 1: EHR Nudges
 Role: Sub-Investigator
 Percent effort: 10%
 Total costs: 550358.0000
 Project period: 09/01/2017 - 08/31/2024

Agencies: National Institutes of Health
 I.D.#: NCT04758637
 Title: Application of Economics and Social psychology to improve Opioid Prescribing Safety (AESOPS-2) Trial 2: Availability of Opioid Harm
 Role: Sub-Investigator
 Percent effort: 10%
 Total costs: 550358.0000
 Project period: 09/01/2017 - 08/31/2024

Agencies: National Institutes of Health
 I.D.#: NCT03704389
 Title: Behavioral Economics Applications to Geriatrics Leveraging EHRs (BEAGLE) (BEAGLE R21)
 Role: Sub-Investigator
 Percent effort: 1%
 Total costs: 463277.0000
 Project period: 09/30/2017 - 08/31/2019

Agencies: National Institutes of Health
 I.D.#: NCT04289753
 Title: Behavioral Economics Applications to Geriatrics Leveraging EHRs (BEAGLE) (BEAGLE R33)
 Role: Sub-Investigator
 Percent effort: 1%
 Total costs: 463277.0000
 Project period: 09/30/2017 - 08/31/2019

Agencies: Agency for Health Care Research and Quality (AHRQ)
 I.D.#: NCT05138874
 Title: Improving Safe Antibiotic Prescribing in Telehealth: A Randomized Trial
 P.I.: Daniella Meeker
 Role: Principal Investigator
 Percent effort: 35%
 Total costs: 2118500.0000
 Project period: 09/30/2018 - 07/31/2025

Agencies: National Institute on Drug Abuse (NIDA)
 I.D.#: NCT05070338
 Title: Postoperative Nudges to Reduce Opioid Prescribing (POST-OP)
 Role: Sub-Investigator
 Percent effort: 5%
 Total costs: 4303669.0000
 Project period: 10/17/2019 - 05/31/2024

Agencies: National Institute on Aging (NIA)
 I.D.#: NCT04901624
 Title: Use of behavioral economics in repeat SARS-CoV-2 antibody testing in disadvantaged communities
 Role: Sub-Investigator
 Percent effort: 5%
 Total costs: 648399.0000
 Project period: 09/01/2020 - 05/31/2023

Agencies: National Institute on Aging (NIA)
 I.D.#: NCT04901624 -Supplement
 Title: Use of behavioral economics in repeat SARS-CoV-2 antibody testing in disadvantaged communities
 Role: Sub-Investigator
 Percent effort: 5%
 Total costs: 1271339.0000
 Project period: 09/01/2020 - 08/31/2022

Agencies: National Institutes of Health
 I.D.#: NCT05537441
 Title: Precision Vaccine Promotion in Underserved Populations
 P.I.: Daniella Meeker
 Role: Principal Investigator
 Percent effort: 5%
 Total costs: 45000.0000
 Project period: 06/01/2022 - 05/31/2023

Pending Clinical Trials

Agencies: -
 I.D.#: 2000041084
 Title: Multimodal Electronic Healthcare Record Foundation Models for Improving Risk Stratification and Clinical Phenotyping
 P.I.: Andrew Loza
 Role: Sub-Investigator
 Percent effort: N/A

Total costs: -
Project period: 10/03/2025 - ongoing

Invited Speaking Engagements, Presentations & Workshops Not Affiliated With Yale: International/National

1. "Recording advances for neural prosthetics". IEMBS'04 26th Annual International Conference of the IEEE 2004, San Francisco, CA, September 2004. (Oral Presentation)
2. "ONC-SAMHSA Behavioral Health Clinical Quality Measure Initiative, Technical Expert Panel Results for Behavioral Health Domain". ONC-SAMHSA Behavioral Health Clinical Quality Measure Initiative, Technical Expert Panel Results for Behavioral Health Domain, Washington, DC, January 2012. (Other)
3. "Data Quality in Multisite Research Networks". AcademyHealth Annual Research Meeting, Baltimore, MD, June 2013. (Oral Presentation)
4. "Antibiotic Prescribing for Acute Respiratory Infections Increases as the Clinic Session Wears On". IDWeek 2013, San Francisco, CA, October 2013. (Poster Presentation)
5. "Analysis of Clinical Decision Support Use in a Trial to Decrease Inappropriate Antibiotic Prescribing for Acute Respiratory Infections". AMIA 2013 Annual Symposium, Washington, DC, November 2013. (Oral Presentation)
6. "Pains and Palliation in Distributed Research Networks: Lessons from the Field Proceedings of the AMIA Summit on Clinical Research Informatics". American Medical Informatics Association. 2013, Washington, DC, November 2013. (Oral Presentation)
7. "Using Behavioral Economic Principles to Improve Informatics Applications". AMIA 2013 Annual Symposium, Washington, DC, November 2013. (Oral Presentation)
8. "Infrastructure for Federated Clinical Research Networks: Design and Results in Behavioral Economics". Infrastructure for Federated Clinical Research Networks: Design and Results in Behavioral Economics, Los Angeles, CA, January 2014. (Lecture)
9. "Optimizing Health by Addressing Complexity. Council for the Advancement of Nursing Science". State of the Science Congress on Nursing Research, Washington, DC, January 2014. (Other)
10. "Applications of Behavioral Economics to Health Informatics: A Multi-site Randomized Trial and Other Studies on Antibiotic Prescribing". Applications of Behavioral Economics to Health Informatics: A Multi-site Randomized Trial and Other Studies on Antibiotic Prescribing, Chicago, IL, January 2014. (Lecture)
11. "Behavioral economics-informed interventions to reduce inappropriate antibiotic prescribing: a pilot cluster randomized trial". Society of General Internal Medicine Annual Meeting, San Diego, CA, April 2014. (Poster Presentation)
12. "Cognitive reflection and antibiotic prescribing for acute respiratory infections". Society of General Internal Medicine Annual Meeting, San Diego, CA, April 2014. (Poster Presentation)
13. "Improving antibiotic prescribing for acute respiratory infections using behavioral economic principles: a cluster randomized trial". Society of General Internal Medicine Annual Meeting, San Diego, CA, April 2014. (Oral Presentation)
14. "Improving antibiotic prescribing for acute respiratory infections using behavioral economic principles: a cluster randomized trial". AcademyHealth 2014 Annual Research Meeting, San Diego, CA, June 2014. (Oral Presentation)

15. "Applied Behavioral Economics". Training Institute for Dissemination and Implementation Research in Health (TIDIRH) Summer Institute, Pasadena, CA, January 2015. (Lecture)
16. "Behavior change strategies for stewardship". CDC Get Smart About Antibiotics Week Webinar-Seminar, Chicago, IL, January 2015. (Other)
17. "Data Quality and Missing Data in Patient-Centered Outcomes Research Using EMR/Claims Data". PCORI Workgroup, Washington, DC, January 2015. (Other)
18. "Use of the OMOP Common Data Model within the PCORI CDRN Initiative: Data Harmonization and Integration with PCORNet CDM". AMIA 2015 Joint Summits Peer-based Learning Workshops, San Francisco, CA, March 2015. (Other)
19. "Interoperability and Data Analytics". Interoperability & Health Information Exchange Symposium, Health Information Management System Society Annual Meeting, Seminar, Las Vegas, NV, January 2016. (Other)
20. "Decision Fatigue in Clinical Settings". University of Pennsylvania Center for Health Incentives & Behavioral Economics Annual Meeting, Philadelphia, PA, January 2016. (Oral Presentation)
21. "Customer Service in Antimicrobial Stewardship: Applications of Behavioral Economics to Curtail Overprescribing of Antibiotics". Illinois Department of Public Health, Symposium, Springfield, IL, January 2016. (Address)
22. "Connecting California to Improve Patient Care: Practical Solutions for Healthcare Information Exchange and Interoperability". Connecting California to Improve Patient Care: Practical Solutions for Healthcare Information Exchange and Interoperability, Washington, DC, May 2016. (Oral Presentation)
23. "An Integrated Privacy Preserving Collaborative Analytics Platform: The PCORnet pSCANNER-PopMedNet TM Software Suite". AMIA 2016 Annual Symposium, Chicago, IL, November 2016. (Demonstration)
24. "Behavioral Economics and Antibiotic Stewardship: LA Care Antibiotic Stewardship Conference". LA Care Antibiotic Stewardship Conference, Alhambra, CA, January 2017. (Lecture)
25. "Slurp, Scrub, Push and Scale: Enhancing the Lifecycle of Electronic Health Data". Health Data Palooza, Washington, DC, January 2017. (Other)
26. "Toward a Collective Vision for Research Infrastructure Investment & Support". ASPE Invitational Workshop, Washington, DC, January 2018. (Other)
27. "ICTS Translational Research Day Pathways to Cures". ICTS Translational Research Day Pathways to Cures, Irvine, CA, January 2018. (Lecture)
28. "System Demonstration: Integration of Patient Reported Outcomes with Electronic Health Records-the EASI-PRO Project". AMIA 2018 Annual Symposium, San Francisco, CA, November 2018. (Demonstration)
29. "Palliative Care Grand Rounds: Applying Machine Learning in Serious Illness: Quality of Life and Communication". Stanford University Conference, Palo Alto, CA, January 2019. (Other)
30. "Data Linkages and Applications for Low-Value Care". Academy Health Webinar, Webinar, January 2019. (Oral Presentation)
31. "Nudging Communication Improvement in Intraprofessional Communications, a Randomized Controlled Trial". University of Pennsylvania Center for Health Incentives & Behavioral Economics Annual Meeting, Philadelphia, PA, January 2019. (Lecture)
32. "Interoperability Between Research and Healthcare Delivery". NCQA Digital Quality Summit, Virtual Meeting, July 2021. (Other)

33. "Generating Synthetic Health Data to Accelerate Patient- Centered Outcomes Research (PCOR) and the Evaluation of an Open-Source Synthetic Data Platform for Simulation Studies". AMIA 2022 Informatics Summit, Chicago, IL, March 2022. (Oral Presentation)
34. "Women in Data Science (WiDS) at Lane Medical Library, Stanford School of Medicine". Women in Data Science (WiDS) at Lane Medical Library, Stanford School of Medicine Panel, Palo Alto, CA, February 2026. (Other)
35. "Building Data Repositories within and across Institutions". Society of Nuclear Medicine and Molecular Imaging (SNMMI) Artificial Intelligence Summit, Bethesda, MD, March 2026. (Other)
36. "Applications of Decision Science in Health Informatics". Weill Cornell Medicine, Health Informatics and Artificial Intelligence seminar series, New York, NY, March 2026. (Oral Presentation)
37. "Applications of Decision Science in Health Informatics". Center for Health AI and Synthesis of Evidence (CHASE) at Penn Medicine, Philadelphia, PA, April 2026. (Oral Presentation)
38. "Applications of Decision Science in Health Informatics". UCLA, Frontiers in Medical Informatics seminar series, Los Angeles, CA, May 2026. (Oral Presentation)
39. "USC-Yale Roybal Center Annual Meeting". USC-Yale Roybal Center Annual Meeting, Los Angeles, CA, May 2026. (Other)

Regional

1. "UCLA Nursing Research and Education's Antibiotic Stewardship Symposium". UCLA Nursing Research and Education's Antibiotic Stewardship Symposium, Los Angeles, CA, January 2016. (Other)
2. "Informatics tools for identifying patients for cancer studies". Grand Rounds, USC Norris Comprehensive Cancer Center, Los Angeles, CA, January 2016. (Lecture)
3. "Applications of Behavioral Economics to Quality Improvement: Curtailing Antibiotic Overuse". Cedars Sinai Medical Center, Seminar, Los Angeles, CA, January 2016. (Other)
4. "Behavioral Economics Applied to Antibiotic Stewardship". Infectious Disease Grand Rounds: University of Southern California, Los Angeles, CA, January 2017. (Other)
5. "How and What California Needs to Do to Prepare" Will California Be Ready for Serious Illness?". State Panel: What California Needs to Do to Prepare, Sacramento, CA, June 2018. (Oral Presentation)
6. "Behavioral Economics and Informatics in Health Decision-Making". University of California San Diego Division of Biomedical Informatics, Seminar, San Diego, CA, February 2021. (Other)

Peer-Reviewed Presentations Given at Meetings Not Affiliated With Yale:

International/National

1. **Meeker D** . Transforming clinical research administration: The role of generative AI and chatbots. *Journal of Clinical and Translational Science*. 9(Suppl 1):162–163, 2025 Apr 11. doi: 10.1017/cts.2024.1127. PMID: PMC12050480, Virtual Peer Review of Article: Sevier B, Meeker D, Chaisson C, Bruhn R, Borchardt E. Transforming clinical research administration: The role of generative AI and chatbots. *Journal of Clinical and Translational Science*. 9(Suppl 1):162–163, 2025 Apr 11. doi: 10.1017/cts.2024.1127. PMID: PMC12050480, April 2025. (Other)
2. **Meeker D** . Polypharmacy and Medication Self-Efficacy in Older Emergency Department Patients. *Innovation in Aging*, Virtual Peer Review of article: Inessa Cohen, Natalia Sifnugel, Ling Han,

Daniella Meeker, Christopher Carpenter, William Hung, Debra Tomasino, Ula Hwang.
Polypharmacy and Medication Self-Efficacy in Older Emergency Department Patients. *Innovation in Aging*. 9(Suppl 2):igaf122.4175, 2025 Dec. doi: 10.1093/geroni/igaf122.4175 , December 2025.
(Other)

Professional Service:

Peer Review Groups/Grant Study Sections

2015	Expert Panel Member, Metadata, Data Documentation Initiative
2016	Expert Panel Member, Design, Data Documentation Initiative
2017 - 2019	Member, SBIR Study Section for Cancer Informatics, NCI
2020	Ad-hoc Member, Healthcare Effectiveness and Outcomes Research (HEOR) study section,AHRQ
2022 - Present	Member, Healthcare Effectiveness and Outcomes Research (HEOR) study section, AHRQ, Current Member

Journal Services

Editorial boards

2014 - 2018	Editorial Board Member, Journal of Medical Decision Making
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Reviewer

2011 - Present	Reviewer, Journal of the American Medical Informatics Association
2020 - Present	Reviewer, Journal of Biomedical Informatics
2021 - Present	Reviewer, Medical Decision Making
2022 - Present	Reviewer, Journal of American Medical Association
2024 - Present	Reviewer, Science

Professional Organizations

Agency for Health Research and Quality

2021 - 2025	Review Panel Member, Agency for Health Research and Quality
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American College of Medical Informatics

2025 - Present	Fellow, American College of Medical Informatics
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American Medical Informatics Association

2011 - Present	Member, American Medical Informatics Association
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American Medical Informatics Association - Scientific Program Committee

2024	Vice Chair, American Medical Informatics Association - Scientific Program Committee
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Centers for Medicare & Medicaid Services (CMS), CMS Quality Measure Development Plan: Supporting the Transition to the Merit-based Incentive Payment System (MIPS) and Alternative Payment Models (APMs)

2016 Expert, Centers for Medicare & Medicaid Services (CMS), CMS Quality Measure Development Plan: Supporting the Transition to the Merit-based Incentive Payment System (MIPS) and Alternative Payment Models (APMs), Provided expert input on the CMS Quality Measure Development Plan: Supporting the Transition to the Merit-based Incentive Payment System (MIPS) and Alternative Payment Models (APMs), with recommendations incorporated in the public plan (p. 46)

Clinical Research Forum, Clinical IT Roundtable - Organizing Committee

2024 - Present Member, Clinical Research Forum, Clinical IT Roundtable - Organizing Committee

Los Angeles Department of Health Services - CTSA Informatics and Analytics Core Facility

2016 - Present Lead, Los Angeles Department of Health Services - CTSA Informatics and Analytics Core Facility

National Academy of Sciences, Engineering and Mathematics - Review of Centers for Disease Control COVID Vaccine Safety

2024 - 2025 Expert Panel Member, National Academy of Sciences, Engineering and Mathematics - Review of Centers for Disease Control COVID Vaccine Safety

National Clinical Translational Science Institute - Biomedical Informatics and Data Science Executive Committee

2016 - Present Member, National Clinical Translational Science Institute - Biomedical Informatics and Data Science Executive Committee

National Institutes of Health All of Us Research Program - All of Us Research Program EHR Committee

2018 Member, National Institutes of Health All of Us Research Program - All of Us Research Program EHR Committee

Office of the National Coordinator for Health Information Technology

2020 Lead, Office of the National Coordinator for Health Information Technology

Office of the National Coordinator for Health Information Technology - Health Level Seven Data Access Framework Pilot

2018 Lead, Office of the National Coordinator for Health Information Technology - Health Level Seven Data Access Framework Pilot

Office of the National Coordinator for Health Information Technology - Privacy and Ethical Framework
 2018 Lead, Office of the National Coordinator for Health Information Technology - Privacy and Ethical Framework

Patient Centered Outcomes Research Institute - Methodology Committee

2017 Expert Panel Member, Patient Centered Outcomes Research Institute - Methodology Committee

Patient Centered Outcomes Research Institute - PCORnet Data Committee; Data Model Subgroup

2018 Lead, Patient Centered Outcomes Research Institute - PCORnet Data Committee; Data Model Subgroup

Veterans Administration - VistA Evolution VHA Data Strategy Planning Program

2015 Consultant, Veterans Administration - VistA Evolution VHA Data Strategy Planning Program

Yale University / Hospital System

University

2015 - 2019 Lead, Data Warehousing Program for CHLA and Keck Medicine
 2016 Reviewer, USC Dean's Pilot Funding Program
 2016 - 2017 Member, Keck School of Medicine USC Strategic Planning Committee
 2021 Program Committee, USC Division Diversity representative for Department Faculty Recruiting
 2024 Member, Yale Task Force for Artificial Intelligence, Clinical Research Subgroup
 2024 - Present Member, Secure Research Computing Governance Committee, Current Member

Medical School

2023 - Present Member, Yale Center for Clinical Investigation Faculty Steering Committee, Current Member
 2024 Member, Yale Cancer Center Vendor Selection Advisory Committee
 2024 - Present Member, Yale-Yale New Haven Health Clinical Research Operations and Space Committee, Current Member
 2024 - Present Member, Center for Brain & Mind Health Faculty Recruitment Committee, Current Member
 2024 - Present Member, Cardiovascular Medicine Analytics Center Advisory Board, Current Member

Department

2023 - Present Member, Faculty Recruitment Committee, Current Member
 2025 - Present Member, Postdoc Admissions Committee, Current Member

Hospital

2023 - Present	Member, Digital Technology Services Advisory Committee, Current Member
2024 - Present	Co-Organizer, Research and Analyst Pillar, Digital Technology Services, Current Member
2025 - Present	Member, Artificial Intelligence Multidimensional Assessment Committee, Current Member

Public Service / Media Presence*Public Service*

2016	Investigator, Public Health England, UK Behavioural Insights Team, Implemented a behavioral intervention developed by Dr. Meeker's research group to reduce inappropriate antibiotic prescribing across approximately 400 general practices in the United Kingdom.
2016	Advisor, U.S. Surgeon General's Office - Surgeon General's Call to End the Opioid Crisis, Advised on the design of the TurnTheTideRx national initiative and the development of a public commitment device to reduce unnecessary opioid prescribing, contributing to the Surgeon General's Call to End the Opioid Crisis.
2016	Investigator, European Centre for Disease Prevention and Control (ECDC), EU Guidelines on Using Antimicrobials in Human Medicine (draft), Contributed to the EU Guidelines on Using Antimicrobials in Human Medicine (draft), providing the core stewardship framework derived from Dr. Meeker's group's research.
2016	Expert, Centers for Medicare & Medicaid Services (CMS), Provided expert input on the CMS Quality Measure Development Plan: Supporting the Transition to the Merit-based Incentive Payment System (MIPS) and Alternative Payment Models (APMs), with recommendations incorporated in the public plan (p. 46).

Media Presence

2014	Author, Daily Mail UK - Article, Tired GPs should work shorter shifts because they're 'more likely to prescribe wrong drugs at end of sessions
2014	Author, National Press Service Australia - Medicinewise news article, Pledging to fight antibiotic resistance does make a difference
2014	Author, Pour Qui Docteur? - Article, Antibiotiques : Des posters au cabinet pour rappeler le bon usage aux médecins
2014	Author, Mother Jones International Press - Article, One weird trick to curb antibiotic overuse
2014	Presenter/Speaker, CBS News - Unnecessary Antibiotics, Health Watch Segment
2014	Author, La Opinion - Article, Mitad de antibióticos prescritos para infecciones respiratorias son innecesarios
2014	Presenter/Speaker, LA Weekly People Edition - Featured Interview The Superbug Warrior
2014	Author, Scientific American - Article, A Simple Way to Slash Unnecessary Drug Prescriptions
2014	Author, New York Times - Article, Doctors and Decision Fatigue

- 2016 Author, U.S. News & World Report - Opinion Editorial, To End the Opioids Crisis Move Beyond Drugs to Manage Pain
- 2016 Author, Health Affairs Blog - Opinion Editorial, Blog, Encouraging Integrative, Non-Opioid Approaches To Pain: A Policy Agenda
- 2016 Researcher, New York Times, Gray Matter - Opinion Editorial, How to stop overprescribing antibiotics
- 2016 Author, Vox - Article, How to 'nudge' doctors into prescribing fewer antibiotics
- 2016 Author, Forbes Magazine - Article, To Stop Physicians From Prescribing Too Many Antibiotics, try Shaming Them
- 2016 Presenter/Speaker, BBC World News Service - The Inquiry Radio Programme with Helena Merriman, How do we avoid the antibiotics apocalypse?
- 2023 Author, The New York Times - Opinion Editorial, This Year, Make a Resolution About Something Bigger than Yourself

Patents:

Pending

1. **Meeker Daniella** . 2012. Requests for Proposals Management Systems and Methods. United States US 2012/0041769 A1, filed February 16, 2012. Patent Pending.
2. **Meeker Daniella** . 2005. Cognitive State Machine for Prosthetic Systems. United States US 2005/0096521 A1, filed May 05, 2005. Patent Pending.

Bibliography:

Peer-Reviewed Original Research

1. **Meeker D** , Kim J, Vezina P. Depletion of dopamine in the nucleus accumbens prevents the generation of locomotion by metabotropic glutamate receptor activation. Brain Research 1998, 812: 260-264. [PMID: 9813358](#) , [DOI: 10.1016/s0006-8993\(98\)00941-x](#) .
2. Shenoy K, **Meeker D** , Cao S, Kureshi S, Pesaran B, Buneo C, Batista A, Mitra P, Burdick J, Andersen R. Neural prosthetic control signals from plan activity. Neuroreport 2003, 14: 591-596. [PMID: 12657892](#) , [DOI: 10.1097/00001756-200303240-00013](#) .
3. Andersen R, Burdick J, Musallam S, Schrbergcr H, Pesaran B, **Meeker D** , Corneil B, Fineman I, Nenadic Z, Branchaud E, Cham J, Greger B, Tai Y, Mojarradi M. Recording Advances for Neural Prosthetics. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society (EMBC) 2004, 2: 5352-5355. [PMID: 17271551](#) , [DOI: 10.1109/iembs.2004.1404494](#) .
4. Frosch D, Saxbe D, Tomiyama A, Glenn B, Low C, Hanoch Y, Motivala S, **Meeker D** . Assessing the Scholarly Impact of Health Psychology: A Citation Analysis of Articles Published From 1993 to 2003. Health Psychology 2010, 29: 555-562. [PMID: 20836611](#) , [DOI: 10.1037/a0020750](#) .
5. **Meeker D** , Joyce G, Malkin J, Teutsch S, Haddix A, Goldman D. Coverage and Preventive Screening. Health Services Research 2010, 46: 173-184. [PMID: 21029084](#) , [PMCID: PMC3034268](#) , [DOI: 10.1111/j.1475-6773.2010.01188.x](#) .
6. Grudzen C, **Meeker D** , Torres J, Du Q, Morrison R, Andersen R, Gelberg L. Comparison of the Mental Health of Female Adult Film Performers and Other Young Women in California. Psychiatric Services 2011, 62: 639-645. [PMID: 21632733](#) , [DOI: 10.1176/ps.62.6.pss6206_0639](#) .

7. Grudzen C, **Meeker D**, Torres J, Du Q, Andersen R, Gelberg L. HIV and STI Risk Behaviors, Knowledge, and Testing Among Female Adult Film Performers as Compared to Other California Women. *AIDS And Behavior* 2011, 17: 517-522. [PMID: 22101890](#), [DOI: 10.1007/s10461-011-0090-0](#).
8. Huckfeldt P, **Meeker D**, Peters A, Guterman J, Diaz G, Goldman D. Diabetes Management For Low-Income Patients In Los Angeles: Two Strategies Improved Disease Control In The Short Term. *Health Affairs* 2012, 31: 168-176. [PMID: 22232107](#), [PMCID: PMC3883628](#), [DOI: 10.1377/hlthaff.2011.0930](#).
9. Kahn M, Brown J, Dahm L, **Meeker D**, Schilling L. Pains and palliation in distributed research networks: lessons from the field. *AMIA Joint Summits On Translational Science Proceedings 2013*, 2013: 108-10. [PMID: 24303246](#), [PMCID: PMC3845789](#).
10. Persell S, Friedberg M, **Meeker D**, Linder J, Fox C, Goldstein N, Shah P, Knight T, Doctor J. Use of behavioral economics and social psychology to improve treatment of acute respiratory infections (BEARI): rationale and design of a cluster randomized controlled trial [1RC4AG039115-01] - study protocol and baseline practice and provider characteristics. *BMC Infectious Diseases* 2013, 13: 290. [PMID: 23806017](#), [PMCID: PMC3701464](#), [DOI: 10.1186/1471-2334-13-290](#).
11. Valente T, Fujimoto K, Unger J, Soto D, **Meeker D**. Variations in network boundary and type: A study of adolescent peer influences. *Social Networks* 2013, 35: 309-316. [DOI: 10.1016/j.socnet.2013.02.008](#).
12. Ogunyemi O, **Meeker D**, Kim H, Ashish N, Farzaneh S, Boxwala A. Identifying Appropriate Reference Data Models for Comparative Effectiveness Research (CER) Studies Based on Data from Clinical Information Systems. *Medical Care* 2013, 51: s45-s52. [PMID: 23774519](#), [DOI: 10.1097/mlr.0b013e31829b1e0b](#).
13. Lendon J, **Meeker D**, Lorenz K, Lynne J. Trends in Caregiving Near End of Life, 2000-2008 (S742). *Journal Of Pain And Symptom Management* 2014, 47: 490-491. [DOI: 10.1016/j.jpainsymman.2013.12.160](#).
14. **Meeker D**, Lynn J, Leaf D, Lorenz K. Disability, Recovery, and Expenditures Among the Frail Elderly in the United States: Characteristics of an Objectively Defined Population (S745). *Journal Of Pain And Symptom Management* 2014, 47: 492-493. [DOI: 10.1016/j.jpainsymman.2013.12.163](#).
15. Singer A, Lynn J, Teno J, Lunney J, **Meeker D**, Lorenz K. Going Less Gently into That Good Night? Symptom Trends in the Last Year of Life, 1998-2010 (TH337-A). *Journal Of Pain And Symptom Management* 2014, 47: 411-412. [DOI: 10.1016/j.jpainsymman.2013.12.065](#).
16. **Meeker D**, Knight T, Friedberg M, Linder J, Goldstein N, Fox C, Rothfeld A, Diaz G, Doctor J. Nudging Guideline-Concordant Antibiotic Prescribing: A Randomized Clinical Trial. *JAMA Internal Medicine* 2014, 174: 425-431. [PMID: 24474434](#), [PMCID: PMC4648560](#), [DOI: 10.1001/jamainternmed.2013.14191](#).
17. Ohno-Machado L, Agha Z, Bell D, Dahm L, Day M, Doctor J, Gabriel D, Kahlon M, Kim K, Hogarth M, Matheny M, **Meeker D**, Nebeker J, team T, Resnic F, Khodyakov D, Armstead L, Nagler T, Morley S, Anderson N, Cooper D, Phillips D, Heber D, Li Z, Ong M, Patel A, Zachariah M, Burns J, Daniels L, Doan S, Farcas C, Germann-Kurtz R, Jiang X, Kim H, Paul P, Taras H, Tremoulet A, Wang S, Zhu W, Berman D, Rizk-Jackson A, D'Arcy M, Kesselman C, Knight T, Pearlman L, Heidenreich P, Rifkin D, Stepnowsky C, Zamora T, DuVall S, Frey L, Scehnet J, Sauer B, Facelli J, Gouripeddi R, Denton J, FitzHenry F, Fly J, Messina V, Minter F, Nookala L, Sullivan H, Speroff T, Westerman D. pSCANNER: patient-centered Scalable National Network for Effectiveness Research. *Journal Of The American*

- Medical Informatics Association 2014, 21: 621-626. [PMID: 24780722](#) , [PMCID: PMC4078293](#) , [DOI: 10.1136/amiajnl-2014-002751](#) .
18. **Meeker D** , Friedberg M, Linder J. Patient Satisfaction as a Quality Metric Promotes Bad Medicine—Reply. JAMA Internal Medicine 2014, 174: 1419-1419. [PMID: 25090189](#) , [PMCID: PMC4648558](#) , [DOI: 10.1001/jamainternmed.2014.1594](#) .
 19. Shenvi E, **Meeker D** , Boxwala A. Understanding data requirements of retrospective studies. International Journal Of Medical Informatics 2014, 84: 76-84. [PMID: 25453276](#) , [PMCID: PMC6626658](#) , [DOI: 10.1016/j.ijmedinf.2014.10.004](#) .
 20. Tannenbaum D, Doctor J, Persell S, Friedberg M, **Meeker D** , Friesema E, Goldstein N, Linder J, Fox C. Nudging Physician Prescription Decisions by Partitioning the Order Set: Results of a Vignette-Based Study. Journal Of General Internal Medicine 2014, 30: 298-304. [PMID: 25394536](#) , [PMCID: PMC4351289](#) , [DOI: 10.1007/s11606-014-3051-2](#) .
 21. Linder J, Doctor J, Friedberg M, Nieva H, Birks C, **Meeker D** , Fox C. Time of Day and the Decision to Prescribe Antibiotics. JAMA Internal Medicine 2014, 174: 2029-2031. [PMID: 25286067](#) , [PMCID: PMC4648561](#) , [DOI: 10.1001/jamainternmed.2014.5225](#) .
 22. Schneider E, Ridgely M, **Meeker D** , Hunter L, Khodyakov D, Rudin R. Promoting Patient Safety Through Effective Health Information Technology Risk Management. Rand Health Quarterly 2014, 4: 7. [PMID: 28560077](#) , [PMCID: PMC5396203](#) .
 23. FitzHenry F, Resnic F, Robbins S, Denton J, Nookala L, **Meeker D** , Ohno-Machado L, Matheny M. Creating a Common Data Model for Comparative Effectiveness with the Observational Medical Outcomes Partnership. Applied Clinical Informatics 2015, 06: 536-547. [PMID: 26448797](#) , [PMCID: PMC4586341](#) , [DOI: 10.4338/aci-2014-12-cr-0121](#) .
 24. Shetty K, **Meeker D** , Schneider E, Hussey P, Damberg C. Evaluating the feasibility and utility of translating Choosing Wisely recommendations into e-Measures. Healthcare 2015, 3: 24-37. [PMID: 26179586](#) , [DOI: 10.1016/j.hjdsi.2014.12.002](#) .
 25. Singer A, **Meeker D** , Teno J, Lynn J, Lunney J, Lorenz K. Symptom trends in the last year of life from 1998 to 2010: a cohort study. Annals Of Internal Medicine 2015, 162: 175-83. [PMID: 25643305](#) , [PMCID: PMC4346253](#) , [DOI: 10.7326/m13-1609](#) .
 26. Kahn M, Brown J, Chun A, Davidson B, **Meeker D** , Ryan P, Schilling L, Weiskopf N, Williams A, Zozus M. Transparent Reporting of Data Quality in Distributed Data Networks. Healthcare 2015, 3: 7. [PMID: 25992385](#) , [PMCID: PMC4434997](#) , [DOI: 10.13063/2327-9214.1052](#) .
 27. **Meeker D** , Thompson C, Strylewicz G, Knight T, Doctor J. Use of Insurance Against a Small Loss as an Incentive Strategy. Decision Analysis 2015, 12: 122-129. [PMID: 26966422](#) , [PMCID: PMC4782799](#) , [DOI: 10.1287/deca.2015.0314](#) .
 28. **Meeker D** , Jiang X, Matheny M, Farcas C, D'Arcy M, Pearlman L, Nookala L, Day M, Kim K, Kim H, Boxwala A, El-Kareh R, Kuo G, Resnic F, Kesselman C, Ohno-Machado L. A system to build distributed multivariate models and manage disparate data sharing policies: implementation in the scalable national network for effectiveness research. Journal Of The American Medical Informatics Association 2015, 22: 1187-1195. [PMID: 26142423](#) , [PMCID: PMC4639714](#) , [DOI: 10.1093/jamia/ocv017](#) .
 29. Chiu H, **Meeker D** . Reverse Engineering Measures of Clinical Care Quality: Sequential Pattern Mining. Lecture Notes In Computer Science 2015, 9162: 208-222. [DOI: 10.1007/978-3-319-21843-4_17](#) .

30. Fillo J, Staplefoote-Boynton B, Martinez A, Sontag-Padilla L, Shadel W, Martino S, Setodji C, **Meeker D**, Scharf D. Simplified Novel Application (SNApp) framework: a guide to developing and implementing second-generation mobile applications for behavioral health research. *Translational Behavioral Medicine* 2015, 6: 587-595. [PMID: 27848211](#) , [PMCID: PMC5110486](#) , [DOI: 10.1007/s13142-015-0363-7](#) .
31. **Meeker D** , Cerully J, Johnson M, Iyer N, Kurz J, Scharf D. SimCoach Evaluation: A Virtual Human Intervention to Encourage Service-Member Help-Seeking for Posttraumatic Stress Disorder and Depression. *Rand Health Quarterly* 2016, 5: 13. [PMID: 28083410](#) , [PMCID: PMC5158215](#) .
32. **Meeker D** , Linder J, Fox C, Friedberg M, Persell S, Goldstein N, Knight T, Hay J, Doctor J. Effect of Behavioral Interventions on Inappropriate Antibiotic Prescribing Among Primary Care Practices: A Randomized Clinical Trial. *JAMA: The Journal Of The American Medical Association* 2016, 315: 562-570. [PMID: 26864410](#) , [PMCID: PMC6689234](#) , [DOI: 10.1001/jama.2016.0275](#) .
33. Pineros D, Doctor J, Friedberg M, **Meeker D** , Linder J. Cognitive reflection and antibiotic prescribing for acute respiratory infections. *Family Practice* 2016, 33: 309-311. [PMID: 27006411](#) , [PMCID: PMC4931815](#) , [DOI: 10.1093/fampra/cmw015](#) .
34. Doctor J, Huesch M, **Meeker D** . Rethinking the value of survival: clinical trials should measure patient preferences for survival on entry to trials. *Journal Of Clinical Epidemiology* 2016, 77: 137-138. [PMID: 27164276](#) , [DOI: 10.1016/j.jclinepi.2016.03.030](#) .
35. Hripcsak G, Ryan P, Duke J, Shah N, Park R, Huser V, Suchard M, Schuemie M, DeFalco F, Perotte A, Banda J, Reich C, Schilling L, Matheny M, **Meeker D** , Pratt N, Madigan D. Characterizing treatment pathways at scale using the OHDSI network. *Proceedings Of The National Academy Of Sciences Of The United States Of America* 2016, 113: 7329-7336. [PMID: 27274072](#) , [PMCID: PMC4941483](#) , [DOI: 10.1073/pnas.1510502113](#) .
36. Singer A, **Meeker D** , Teno J, Lynn J, Lunney J, Lorenz K. Factors Associated with Family Reports of Pain, Dyspnea, and Depression in the Last Year of Life. *Journal Of Palliative Medicine* 2016, 19: 1066-1073. [PMID: 27454900](#) , [PMCID: PMC5065036](#) , [DOI: 10.1089/jpm.2015.0391](#) .
37. Persell S, Doctor J, Friedberg M, **Meeker D** , Friesema E, Cooper A, Haryani A, Gregory D, Fox C, Goldstein N, Linder J. Behavioral interventions to reduce inappropriate antibiotic prescribing: a randomized pilot trial. *BMC Infectious Diseases* 2016, 16: 373. [PMID: 27495917](#) , [PMCID: PMC4975897](#) , [DOI: 10.1186/s12879-016-1715-8](#) .
38. Singer A, Goebel J, Kim Y, Dy S, Ahluwalia S, Clifford M, Dzung E, O'Hanlon C, Motala A, Walling A, Goldberg J, **Meeker D** , Ochotorena C, Shanman R, Cui M, Lorenz K. Populations and Interventions for Palliative and End-of-Life Care: A Systematic Review. *Journal Of Palliative Medicine* 2016, 19: 995-1008. [PMID: 27533892](#) , [PMCID: PMC5011630](#) , [DOI: 10.1089/jpm.2015.0367](#) .
39. Kahn M, Callahan T, Barnard J, Bauck A, Brown J, Davidson B, Estiri H, Goerg C, Holve E, Johnson S, Liaw S, Hamilton-Lopez M, **Meeker D** , Ong T, Ryan P, Shang N, Weiskopf N, Weng C, Zozus M, Schilling L. A Harmonized Data Quality Assessment Terminology and Framework for the Secondary Use of Electronic Health Record Data. *Healthcare* 2016, 4: 18. [PMID: 27713905](#) , [PMCID: PMC5051581](#) , [DOI: 10.13063/2327-9214.1244](#) .
40. Gong C, Hay J, **Meeker D** , Doctor J. Prescriber preferences for behavioural economics interventions to improve treatment of acute respiratory infections: a discrete choice experiment. *BMJ Open* 2016, 6: e012739. [PMID: 27660322](#) , [PMCID: PMC5051402](#) , [DOI: 10.1136/bmjopen-2016-012739](#) .

41. Linder J, **Meeker D**, Fox C, Friedberg M, Persell S, Goldstein N, Knight T, Hay J, Doctor J. Durability of Benefits of Behavioral Interventions on Inappropriate Antibiotic Prescribing in Primary Care: Follow-up From a Cluster Randomized Clinical Trial. *Open Forum Infectious Diseases* 2016, 3: 75. [DOI: 10.1093/ofid/ofw194.10](https://doi.org/10.1093/ofid/ofw194.10) .
42. Khodyakov D, Grant S, **Meeker D**, Booth M, Pacheco-Santivanez N, Kim K. Comparative analysis of stakeholder experiences with an online approach to prioritizing patient-centered research topics. *Journal Of The American Medical Informatics Association* 2016, 24: 537-543. [PMID: 28011596](https://pubmed.ncbi.nlm.nih.gov/28011596/) , [PMCID: PMC7651951](https://pubmed.ncbi.nlm.nih.gov/pmc/articles/PMC7651951/) , [DOI: 10.1093/jamia/ocw157](https://doi.org/10.1093/jamia/ocw157) .
43. Singer A, Leaf D, Patel M, Lorenz K, **Meeker D** . Projecting the Impact of Implementing Palliative Care for Older Adults: What Does the Evidence Support? (FR461C). *Journal Of Pain And Symptom Management* 2017, 53: 378-379. [DOI: 10.1016/j.jpainsymman.2016.12.151](https://doi.org/10.1016/j.jpainsymman.2016.12.151) .
44. **Meeker D**, Doctor J. Applications of Behavioral Economics to Clinical Quality Improvement. 2017, 175-192. [DOI: 10.4324/9781315637938-11](https://doi.org/10.4324/9781315637938-11) .
45. McLaughlin C, Zagory J, Fenlon M, Park C, Lane C, **Meeker D**, Burd R, Ford H, Upperman J, Jensen A. Timing of mortality in pediatric trauma patients: A National Trauma Data Bank analysis. *Journal Of Pediatric Surgery* 2017, 53: 344-351. [PMID: 29111081](https://pubmed.ncbi.nlm.nih.gov/29111081/) , [PMCID: PMC5828917](https://pubmed.ncbi.nlm.nih.gov/pmc/articles/PMC5828917/) , [DOI: 10.1016/j.jpedsurg.2017.10.006](https://doi.org/10.1016/j.jpedsurg.2017.10.006) .
46. Linder J, **Meeker D**, Fox C, Friedberg M, Persell S, Goldstein N, Doctor J. Effects of Behavioral Interventions on Inappropriate Antibiotic Prescribing in Primary Care 12 Months After Stopping Interventions. *JAMA: The Journal Of The American Medical Association* 2017, 318: 1391-1392. [PMID: 29049577](https://pubmed.ncbi.nlm.nih.gov/29049577/) , [PMCID: PMC5818848](https://pubmed.ncbi.nlm.nih.gov/pmc/articles/PMC5818848/) , [DOI: 10.1001/jama.2017.11152](https://doi.org/10.1001/jama.2017.11152) .
47. Chen F, Jiang X, Wang S, Schilling L, **Meeker D**, Ong T, Matheny M, Doctor J, Ohno-Machado L, Vaidya J. Perfectly Secure and Efficient Two-Party Electronic-Health-Record Linkage. *IEEE Internet Computing* 2018, 22: 32-41. [PMID: 29867290](https://pubmed.ncbi.nlm.nih.gov/29867290/) , [PMCID: PMC5983039](https://pubmed.ncbi.nlm.nih.gov/pmc/articles/PMC5983039/) , [DOI: 10.1109/mic.2018.112102542](https://doi.org/10.1109/mic.2018.112102542) .
48. Gong C, Zangwill K, Hay J, **Meeker D**, Doctor J. Behavioral Economics Interventions to Improve Outpatient Antibiotic Prescribing for Acute Respiratory Infections: a Cost-Effectiveness Analysis. *Journal Of General Internal Medicine* 2018, 34: 846-854. [PMID: 29740788](https://pubmed.ncbi.nlm.nih.gov/29740788/) , [PMCID: PMC6544688](https://pubmed.ncbi.nlm.nih.gov/pmc/articles/PMC6544688/) , [DOI: 10.1007/s11606-018-4467-x](https://doi.org/10.1007/s11606-018-4467-x) .
49. Jensen A, McLaughlin C, Wong C, McAuliff K, Nathens A, Barin E, **Meeker D**, Ford H, Burd R, Upperman J. Simulation-based training for trauma resuscitation among ACS TQIP-Pediatric centers: Understanding prevalence of use, associated center characteristics, training factors, and implementation barriers. *The American Journal Of Surgery* 2018, 217: 180-185. [PMID: 29934123](https://pubmed.ncbi.nlm.nih.gov/29934123/) , [PMCID: PMC7169990](https://pubmed.ncbi.nlm.nih.gov/pmc/articles/PMC7169990/) , [DOI: 10.1016/j.amjsurg.2018.06.009](https://doi.org/10.1016/j.amjsurg.2018.06.009) .
50. Kim K, Khodyakov D, Marie K, Taras H, **Meeker D**, Campos H, Ohno-Machado L. A Novel Stakeholder Engagement Approach for Patient-centered Outcomes Research. *Medical Care* 2018, 56: s41-s47. [PMID: 30074950](https://pubmed.ncbi.nlm.nih.gov/30074950/) , [PMCID: PMC6143220](https://pubmed.ncbi.nlm.nih.gov/pmc/articles/PMC6143220/) , [DOI: 10.1097/mlr.0000000000000790](https://doi.org/10.1097/mlr.0000000000000790) .
51. Yadav K, **Meeker D**, Mistry R, Doctor J, Fleming-Dutra K, Fleischman R, Gaona S, Stahmer A, May L. 1633. A Multifaceted Intervention to Improve Prescribing for Acute Respiratory Infection in Adults and Children in Emergency Department and Urgent Care Settings (MITIGATE Trial). *Open Forum Infectious Diseases* 2018, 5: s43-s43. [PMCID: PMC6252972](https://pubmed.ncbi.nlm.nih.gov/pmc/articles/PMC6252972/) , [DOI: 10.1093/ofid/ofy209.103](https://doi.org/10.1093/ofid/ofy209.103) .
52. Yadav K, **Meeker D**, Mistry R, Doctor J, Fleming-Dutra K, Fleischman R, Gaona S, Stahmer A, May L. A Multifaceted Intervention Improves Prescribing for Acute Respiratory Infection for Adults and

- Children in Emergency Department and Urgent Care Settings. *Academic Emergency Medicine* 2019, 26: 719-731. [PMID: 31215721](#) , [PMCID: PMC8146207](#) , [DOI: 10.1111/acem.13690](#) .
53. Jensen A, McLaughlin C, Subacius H, McAuliff K, Nathens A, Wong C, **Meeker D** , Burd R, Ford H, Upperman J. Simulation-based training is associated with lower risk-adjusted mortality in ACS pediatric TQIP centers. *Journal Of Trauma And Acute Care Surgery* 2019, 87: 841-848. [PMID: 31589193](#) , [PMCID: PMC6785206](#) , [DOI: 10.1097/ta.0000000000002433](#) .
 54. **Meeker D** , Goldberg J, Kim K, Peneva D, De Oliveira Campos H, Maclean R, Selby V, Doctor J. Patient Commitment to Health (PACT-Health) in the Heart Failure Population: A Focus Group Study of an Active Communication Framework for Patient-Centered Health Behavior Change. *Journal Of Medical Internet Research* 2019, 21: e12483. [PMID: 31389339](#) , [PMCID: PMC6701162](#) , [DOI: 10.2196/12483](#) .
 55. Bleichrodt H, Doctor J, Gao Y, Li C, **Meeker D** , Wakker P. Resolving Rabin’s paradox. *Journal Of Risk And Uncertainty* 2019, 59: 239-260. [DOI: 10.1007/s11166-019-09318-0](#) .
 56. Rowe T, Brown T, Lee J, Linder J, Friedberg M, Doctor J, **Meeker D** , Ciolino J, Persell S. Clinician-Level Variation in Three Measures Representing Overuse Based on the American Geriatrics Society Choosing Wisely Statement. *Journal Of General Internal Medicine* 2020, 35: 1797-1802. [PMID: 32128687](#) , [PMCID: PMC7280408](#) , [DOI: 10.1007/s11606-020-05748-8](#) .
 57. Choi Y, López J, **Meeker D** , Ohno-Machado L, Kim K. Engaging heart failure patients from a clinical data research network: A survey on willingness to participate in different types of research. *AMIA Annual Symposium Proceedings* 2020, 2019: 305-312. [PMID: 32308823](#) , [PMCID: PMC7153117](#) .
 58. Towfighi A, Orechwa A, Aragón T, Atkins M, Brown A, Brown J, Carrasquillo O, Carson S, Fleisher P, Gustafson E, Herman D, Inkelas M, Liu W, **Meeker D** , Mehta T, Miller D, Paul-Brutus R, Potter M, Rittner S, Rodriguez B, Rusch D, Skinner A, Yee H. Bridging the gap between research, policy, and practice: Lessons learned from academic–public partnerships in the CTSA network. *Journal Of Clinical And Translational Science* 2020, 4: 201-208. [PMID: 32695489](#) , [PMCID: PMC7348007](#) , [DOI: 10.1017/cts.2020.23](#) .
 59. Doctor J, Vaidya J, Jiang X, Wang S, Schilling L, Ong T, Matheny M, Ohno-Machado L, **Meeker D** . Efficient determination of equivalence for encrypted data. *Computers & Security* 2020, 97: 101939. [PMID: 33223585](#) , [PMCID: PMC7676425](#) , [DOI: 10.1016/j.cose.2020.101939](#) .
 60. Towfighi A, Orechwa A, Aragón T, Atkins M, Brown A, Brown J, Carrasquillo O, Carson S, Fleisher P, Gustafson E, Herman D, Inkelas M, Liu W, **Meeker D** , Mehta T, Miller D, Paul-Brutus R, Potter M, Rittner S, Rodriguez B, Rusch D, Skinner A, Yee H. Bridging the gap between research, policy, and practice: Lessons learned from academic-public partnerships in the CTSA network – CORRIGENDUM. *Journal Of Clinical And Translational Science* 2020, 4: 372-372. [PMID: 33244423](#) , [PMCID: PMC7681119](#) , [DOI: 10.1017/cts.2020.495](#) .
 61. Fox C, Doctor J, Goldstein N, **Meeker D** , Persell S, Linder J. Details matter: predicting when nudging clinicians will succeed or fail. *The BMJ* 2020, 370: m3256. [PMID: 32933926](#) , [DOI: 10.1136/bmj.m3256](#) .
 62. Chen Z, Gibson J, Chiu M, Hu Q, Knight T, **Meeker D** , Tulskey J, Pollak K, Narayanan S. Automated Empathy Detection for Oncology Encounters. 2020, 00: 1-8. [DOI: 10.1109/ichi48887.2020.9374402](#) .
 63. **Meeker D** , Knight T, Childress P, Aliyev E, Doctor J. Combining a lottery incentive with protection against losing the lottery improves exercise adherence. *Behavioral Science & Policy* 2021, 7: 27-38. [DOI: 10.1353/bsp.2021.0000](#) .

64. Kelley M, Persell S, Linder J, Friedberg M, **Meeker D**, Fox C, Goldstein N, Knight T, Zein D, Rowe T, Sullivan M, Doctor J. The protocol of the Application of Economics & Social psychology to improve Opioid Prescribing Safety Trial 1 (AESOPS-1): Electronic health record nudges. Contemporary Clinical Trials 2021, 103: 106329. [PMID: 33636344](#) , [PMCID: PMC8089040](#) , [DOI: 10.1016/j.cct.2021.106329](#) .
65. **Meeker D** , Knight T, Childress P, Aliyev E, Doctor J. Combining a Lottery Incentive with Protection against Losing the Lottery Improves Exercise Adherence. Behavioral Science & Policy 2021, 7: 27-38. [DOI: 10.1177/2379461521100700104](#) .
66. Kim J, Neumann L, Paul P, Day M, Aratow M, Bell D, Doctor J, Hinske L, Jiang X, Kim K, Matheny M, **Meeker D** , Pletcher M, Schilling L, SooHoo S, Xu H, Zheng K, Ohno-Machado L, Anderson D, Anderson N, Balacha C, Bath T, Baxter S, Becker-Pennrich A, Bernstam E, Carter W, Chau N, Choi Y, Covington S, DuVall S, El-Kareh R, Florian R, Follett R, Geisler B, Ghigi A, Gottlieb A, Hu Z, Ir D, Knight T, Koola J, Kuo T, Lee N, Mansmann U, Mou Z, Murphy R, Neumann L, Nguyen N, Niedermayer S, Park E, Perkins A, Post K, Rieder C, Scherer C, Soares A, Soysal E, Tep B, Toy B, Wang B, Wu Z, Zhou Y, Zucker R. Privacy-protecting, reliable response data discovery using COVID-19 patient observations. Journal Of The American Medical Informatics Association 2021, 28: 1765-1776. [PMID: 34051088](#) , [PMCID: PMC8194878](#) , [DOI: 10.1093/jamia/ocab054](#) .
67. **Meeker D** , Friedberg M, Knight T, Doctor J, Zein D, Cayasso-McIntosh N, Goldstein N, Fox C, Linder J, Persell S, Dea S, Giboney P, Yee H. Effect of Peer Benchmarking on Specialist Electronic Consult Performance in a Los Angeles Safety-Net: a Cluster Randomized Trial. Journal Of General Internal Medicine 2021, 37: 1400-1407. [PMID: 34505234](#) , [PMCID: PMC8428492](#) , [DOI: 10.1007/s11606-021-07002-1](#) .
68. **Meeker D** , Fu P, Garcia G, Dyer I, Yadav K, Fleishman R, Yee H. Establishing a research informatics program in a public healthcare system: a case report with model documents. Journal Of The American Medical Informatics Association 2021, 29: 694-700. [PMID: 35289368](#) , [PMCID: PMC8922175](#) , [DOI: 10.1093/jamia/ocab226](#) .
69. Kelley M, Persell S, Linder J, Friedberg M, **Meeker D** , Fox C, Goldstein N, Knight T, Zein D, Sullivan M, Doctor J. The protocol of the Application of Economics & Social psychology to improve Opioid Prescribing Safety trial 2 (AESOPS-2): Availability of opioid harm. Contemporary Clinical Trials 2021, 112: 106650. [PMID: 34896295](#) , [PMCID: PMC8869359](#) , [DOI: 10.1016/j.cct.2021.106650](#) .
70. Brown T, Rowe T, Lee J, Petito L, Chmiel R, Ciolino J, Doctor J, Fox C, Goldstein N, Kaiser D, Linder J, **Meeker D** , Peprah Y, Persell S. Design of Behavioral Economic Applications to Geriatrics Leveraging Electronic Health Records (BEAGLE): A pragmatic cluster randomized controlled trial. Contemporary Clinical Trials 2021, 112: 106649. [PMID: 34896294](#) , [PMCID: PMC8724916](#) , [DOI: 10.1016/j.cct.2021.106649](#) .
71. Persell S, Brown T, Doctor J, Fox C, Goldstein N, Handler S, Hanlon J, Lee J, Linder J, **Meeker D** , Rowe T, Sullivan M, Friedberg M. Development of High-Risk Geriatric Polypharmacy Electronic Clinical Quality Measures and a Pilot Test of EHR Nudges Based on These Measures. Journal Of General Internal Medicine 2022, 37: 2777-2785. [PMID: 34993860](#) , [PMCID: PMC9411452](#) , [DOI: 10.1007/s11606-021-07296-1](#) .
72. Phuong J, Zampino E, Dobbins N, Espinoza J, **Meeker D** , Spratt H, Madlock-Brown C, Weiskopf N, Wilcox A. Extracting Patient-level Social Determinants of Health into the OMOP Common Data Model. AMIA Annual Symposium Proceedings 2022, 2021: 989-998. [PMID: 35308947](#) , [PMCID: PMC8861735](#) .

73. Phuong J, Hong S, Palchuk M, Espinoza J, **Meeker D**, Dorr D, Lozinski G, Madlock-Brown C, Adams W. Advancing Interoperability of Patient-level Social Determinants of Health Data to Support COVID-19 Research. AMIA Joint Summits On Translational Science Proceedings 2022, 2022: 396-405. [PMID: 35854720](#) , [PMCID: PMC9285174](#) .
74. McCabe B, Linder J, Doctor J, Friedberg M, Fox C, Goldstein N, Knight T, Kaiser K, Tibbels J, Haenchen S, Persell S, Warberg R, **Meeker D** . The protocol of improving safe antibiotic prescribing in telehealth: A randomized trial. Contemporary Clinical Trials 2022, 119: 106834. [PMID: 35724841](#) , [DOI: 10.1016/j.cct.2022.106834](#) .
75. **Meeker D** , Kallem C, Heras Y, Garcia S, Thompson C. Case report: evaluation of an open-source synthetic data platform for simulation studies. JAMIA Open 2022, 5: ooac067. [PMID: 35958672](#) , [PMCID: PMC9360775](#) , [DOI: 10.1093/jamiaopen/ooac067](#) .
76. Brown T, Zelch B, Lee J, Doctor J, Linder J, Sullivan M, Goldstein N, Rowe T, **Meeker D** , Knight T, Friedberg M, Persell S. A Qualitative Description of Clinician Free-Text Rationales Entered within Accountable Justification Interventions. Applied Clinical Informatics 2022, 13: 820-827. [PMID: 36070799](#) , [PMCID: PMC9451951](#) , [DOI: 10.1055/s-0042-1756366](#) .
77. Rowe T, Brown T, Lee J, Linder J, **Meeker D** , Doctor J, Goldstein N, Fox C, Persell S. Development and pilot testing of EHR-nudges to reduce overuse in older primary care patients. Archives Of Gerontology And Geriatrics 2022, 104: 104794. [PMID: 36115068](#) , [PMCID: PMC9682472](#) , [DOI: 10.1016/j.archger.2022.104794](#) .
78. Idossa D, Borno H, Wang K, Pletcher M, Gresham G, Canchola A, Bell D, Matheny M, Schilling L, Perkins A, Zheng K, Ohno-Machado L, Kim J, Soohoo S, **Meeker D** , Gomez S. Ethnic and Racial Inequities in Cancer Screening During the COVID-19 Pandemic: a multi-site observational study in the United States. International Journal Of Cancer Care And Delivery 2022, 2 [DOI: 10.53876/001c.37412](#) .
79. McCabe B, Linder J, Doctor J, Friedberg M, Fox C, Goldstein N, Knight T, Kaiser K, Tibbels J, Haenchen S, Persell S, Warberg R, **Meeker D** . Corrigendum to “The protocol of Improving Safe Antibiotic Prescribing in Telehealth: A randomized trial [Contemporary Clin Trials, Volume 119 (2022), p.1/106834]. Contemporary Clinical Trials 2022, 121: 106927. [PMID: 36156262](#) , [DOI: 10.1016/j.cct.2022.106927](#) .
80. Kingsbury P, Abajian H, Abajian M, Angyan P, Espinoza J, MacDonald B, **Meeker D** , Wilson J, Bahroos N. SEnDAE: A resource for expanding research into social and environmental determinants of health. Computer Methods And Programs In Biomedicine 2023, 238: 107542. [PMID: 37224727](#) , [PMCID: PMC12579821](#) , [DOI: 10.1016/j.cmpb.2023.107542](#) .
81. Doctor J, Goldstein N, Fox C, Linder J, Persell S, Stewart E, Knight T, **Meeker D** . Clinician Job Satisfaction After Peer Comparison Feedback. JAMA Network Open 2023, 6: e2317379. [PMID: 37289454](#) , [PMCID: PMC10251208](#) , [DOI: 10.1001/jamanetworkopen.2023.17379](#) .
82. Espinoza J, Tut M, Shah P, Kingsbury P, Nagaraj G, **Meeker D** , Bahroos N. Integrating REDCap patient-reported outcomes with the HealthIntent population health platform: proof of concept. JAMIA Open 2023, 6: ooad074. [PMID: 37649989](#) , [PMCID: PMC10463552](#) , [DOI: 10.1093/jamiaopen/ooad074](#) .
83. Deng Y, Gleason L, Culbertson A, Chen X, Bernstam E, Cullen T, Gouripeddi R, Harle C, Hesse D, Kean J, Lee J, Magoc T, **Meeker D** , Ong T, Pathak J, Rosenman M, Rusie L, Shah A, Shi L, Thomas A, Trick W, Grannis S, Kho A. Evolving availability and standardization of patient attributes for

- matching. Health Affairs Scholar 2023, 1: qxad047. [PMID: 38756741](#) , [PMCID: PMC10986191](#) , [DOI: 10.1093/haschl/qxad047](#) .
84. Espinoza J, Sehgal S, Phuong J, Bahroos N, Starren J, Wilcox A, **Meeker D** . Development of a social and environmental determinants of health informatics maturity model. Journal Of Clinical And Translational Science 2023, 7: e266. [PMID: 38380394](#) , [PMCID: PMC10877515](#) , [DOI: 10.1017/cts.2023.691](#) .
 85. Mason T, Knight T, Lee R, Herzig S, **Meeker D** , Doctor J. Long covid and mental and physical health: A cross-sectional study of adults in California. Public Health Challenges 2024, 3: e152. [PMID: 40497072](#) , [PMCID: PMC12060760](#) , [DOI: 10.1002/puh2.152](#) .
 86. Haenchen S, McCabe B, Mack W, Doctor J, Linder J, Persell S, Tibbels J, **Meeker D** . Use of Telehealth Information for Early Detection: Insights From the COVID-19 Pandemic. American Journal Of Public Health 2024, 114: 218-225. [PMID: 38335480](#) , [PMCID: PMC10862224](#) , [DOI: 10.2105/ajph.2023.307499](#) .
 87. Persell S, Petito L, Lee J, **Meeker D** , Doctor J, Goldstein N, Fox C, Rowe T, Linder J, Chmiel R, Peparh Y, Brown T. Reducing Care Overuse in Older Patients Using Professional Norms and Accountability : A Cluster Randomized Controlled Trial. Annals Of Internal Medicine 2024, 177: 324-334. [PMID: 38315997](#) , [PMCID: PMC12080469](#) , [DOI: 10.7326/m23-2183](#) .
 88. Linder J, Persell S, Kelley M, Friedberg M, Goldstein N, Knight T, Kaiser K, Doctor J, Mack W, Tibbels J, McCabe B, Haenchen S, **Meeker D** . Antibiotic prescribing for acute respiratory infections during the coronavirus disease 2019 (COVID-19) pandemic: Patterns in a nationwide telehealth service provider. Infection Control And Hospital Epidemiology 2024, 45: 777-780. [PMID: 38329093](#) , [PMCID: PMC11102822](#) , [DOI: 10.1017/ice.2023.292](#) .
 89. Wagner Z, Kirkegaard A, Mariano L, Doctor J, Yan X, Persell S, Goldstein N, Fox C, Brummett C, Romanelli R, Bouskill K, Martinez M, Zanocco K, **Meeker D** , Mudiganti S, Waljee J, Watkins K. Peer Comparison or Guideline-Based Feedback and Postsurgery Opioid Prescriptions. JAMA Health Forum 2024, 5: e240077. [PMID: 38488780](#) , [PMCID: PMC10943416](#) , [DOI: 10.1001/jamahealthforum.2024.0077](#) .
 90. Doctor J, **Meeker D** , Fox C, Persell S, Wagner Z, Bouskill K, Zanocco K, Romanelli R, Brummett C, Kirkegaard A, Watkins K. A call for community-shared decisions. BMJ Evidence-Based Medicine 2024, 30: 80-83. [PMID: 38604618](#) , [PMCID: PMC11464635](#) , [DOI: 10.1136/bmjebm-2023-112641](#) .
 91. Zanocco K, Romanelli R, **Meeker D** , Mariano L, Shenoy R, Wagner Z, Kirkegaard A, Mudiganti S, Martinez M, Watkins K. Drivers of Variation in Opioid Prescribing after Common Surgical Procedures in a Large Multihospital Healthcare System. Journal Of The American College Of Surgeons 2024, 239: 242-252. [PMID: 38690834](#) , [PMCID: PMC11321601](#) , [DOI: 10.1097/xcs.0000000000001095](#) .
 92. Bhatt N, **Meeker D** . Are Women More Likely Than Their Male Counterparts to Seek Treatment for Chronic Pain? Journal Of Student Research 2024, 13 [DOI: 10.47611/jsrhs.v13i3.7403](#) .
 93. Cohen I, Curiati P, Morinaga C, Han L, Gandhi T, Araujo K, Avelino-Silva T, Bianco L, Brandt C, Capelli S, Carpenter C, Cruz D, Dresden S, Fishman I, Gipson K, Gray E, Hastings S, Hung W, Kang R, Lockhart M, **Meeker D** , Ohuabunwa U, Otilie-Kovelman S, Platts-Mills T, Sandoval J, Sifnugel N, Taylor Z, Tomasino D, Vaughan C, Aliberti M, Hwang U. The PRO-AGE Tool and Its Association With Post Discharge Outcomes in Older Adults Admitted From the Emergency Department. Journal Of The American Geriatrics Society 2025, 73: 1419-1428. [PMID: 39843218](#) , [PMCID: PMC12101947](#) , [DOI: 10.1111/jgs.19374](#) .

94. Demarais Z, Conlon C, Rivier C, Clocchiatti-Tuozzo S, Renedo D, Torres-Lopez V, Sheth K, **Meeker D** , Zhao H, Ohno-Machado L, Acosta J, Huo S, Falcone G. Polygenic Susceptibility to Diabetes and Poor Glycemic Control in Stroke Survivors. *Neurology* 2025, 104: e210276. [PMID: 39889253](#) , [DOI: 10.1212/wnl.0000000000210276](#) .
95. Iscoe M, Hooper C, Levy D, Buchanan L, Dziura J, **Meeker D** , Taylor R, D’Onofrio G, Oladele C, Sarpong D, Paek H, Wilson F, Heagerty P, Delgado M, Hoppe J, Melnick E. Adaptive decision support for addiction treatment to implement initiation of buprenorphine for opioid use disorder in the emergency department: protocol for the ADAPT Multiphase Optimization Strategy trial. *BMJ Open* 2025, 15: e098072. [PMID: 39979056](#) , [PMCID: PMC11842997](#) , [DOI: 10.1136/bmjopen-2024-098072](#) .
96. Kim C, Ross J, Jastreboff A, **Meeker D** , Freedman H, Krumholz H, Lu Y. Uptake of and Disparities in Semaglutide and Tirzepatide Prescribing for Obesity in the US. *JAMA: The Journal Of The American Medical Association* 2025, 333: 2203-2206. [PMID: 40299371](#) , [PMCID: PMC12042086](#) , [DOI: 10.1001/jama.2025.4735](#) .
97. Hwang U, Sifnugel N, Cohen I, Han L, Araujo K, Bianco L, Brandt C, Capelli S, Carpenter C, Cruz D, Dresden S, Fishman I, Gipson K, Hastings S, Hung W, Kang R, Lockhart M, **Meeker D** , Ohuabunwa U, Otilie-Kovelman S, Partridge C, Platts-Mills T, Sandoval J, Taylor Z, Tomasino D, Vaughan C. The Geriatric Emergency Care Applied Research Standardization Study (GEARSS): An Observational Study of Older Emergency Department Patients. *Academic Emergency Medicine* 2025, 33: e70101. [PMID: 40650481](#) , [PMCID: PMC12266642](#) , [DOI: 10.1111/acem.70101](#) .
98. Huo S, Rivier C, Clocchiatti-Tuozzo S, Renedo D, Petersen N, de Havenon A, **Meeker D** , Zhao H, Ohno-Machado L, Sheth K, Falcone G. Polygenic Resistance to Blood Pressure Treatment and Stroke Risk: Insights from the All of Us Research Program. *Annals Of Neurology* 2025, 99: 124-133. [PMID: 40827941](#) , [DOI: 10.1002/ana.78009](#) .
99. Iscoe M, Hooper C, Levy D, Lutz J, Paek H, Rose C, Kannampallil T, **Meeker D** , Dziura J, Melnick E. A Measurement Science Framework to Optimize CDS for Opioid Use Disorder Treatment in the ED. *Applied Clinical Informatics* 2025, 16: 1067-1076. [PMID: 40834872](#) , [PMCID: PMC12431813](#) , [DOI: 10.1055/a-2595-0317](#) .
100. Olson K, **Meeker D** , Troup M, Barker T, Nguyen V, Manders J, Stults C, Jones V, Shah S, Shah T, Schwamm L. Use of Ambient AI Scribes to Reduce Administrative Burden and Professional Burnout. *JAMA Network Open* 2025, 8: e2534976. [PMID: 41037268](#) , [PMCID: PMC12492056](#) , [DOI: 10.1001/jamanetworkopen.2025.34976](#) .
101. Cohen I, Sifnugel N, Han L, **Meeker D** , Carpenter C, Hung W, Tomasino D, Hwang U. Polypharmacy and Medication Self-Efficacy in Older Emergency Department Patients. *Innovation In Aging* 2025, 9: igaf122.4175. [PMCID: PMC12762826](#) , [DOI: 10.1093/geroni/igaf122.4175](#) .
102. Cloughesy J, Linder J, Knight T, Persell S, Sullivan M, **Meeker D** , Brown T, Lee J, Stewart E, Fox C, Goldstein N, Sumitro R, Vitiello M, Mack W, Doctor J. The Study in Outpatient Medicine using Nudges to Improve Sleep (SOMNUS): study protocol for an 18-month factorial, cluster-randomized trial to increase guideline-concordant treatment of insomnia in primary care. *Trials* 2025, 27: 85. [PMID: 41430294](#) , [PMCID: PMC12837018](#) , [DOI: 10.1186/s13063-025-09385-6](#) .
103. Mason T, Dolgon-Krutolow A, Lee D, Knight T, Lee R, Herzig S, Doctor J, **Meeker D** . Ecological momentary assessment of physical symptoms among patients with a history of COVID-19 infection: towards understanding long covid and the role of mental health symptoms. *Psychology & Health* 2026, ahead-of-print: 1-17. [PMID: 41532581](#) , [DOI: 10.1080/08870446.2025.2612038](#) .

104. Iscoe M, Sangal R, Hwang U, Fried T, **Meeker D**, Conner T, Gettel C, Follman S, Wright D, Venkatesh A. High-Risk Medication Prescriptions Among Older Adults Discharged from the Emergency Department. *JAMA Internal Medicine* 2026, 186 [PMID: 41661555](#), [PMCID: PMC12887836](#), [DOI: 10.1001/jamainternmed.2025.7883](#).
105. Duong N, Lee J, Peprah Y, Brown T, Linder J, Doctor J, **Meeker D**, Fox C, Goldstein N, Persell S, Petito L. Changing Clinician Behavior in Geriatrics: Point-of-Care Alerts for Prostate-Specific Antigen Screening. *American Journal Of Preventive Medicine* 2026, 108305. [PMID: 41672386](#), [DOI: 10.1016/j.amepre.2026.108305](#).
106. Cheng A, Konova A, Powers A, Corlett P, Levy I, Gu X, Huys Q, Pushkarskya H, Fineberg S, Hauser T, Bzdok D, Harpaz-Rotem I, Babuscio T, Nichols L, Zhao Y, Sharma M, **Meeker D**, Xu H, Rutledge R, Pearlson G, Pittenger C, Yip S. Threading the needle: Practical considerations for merging theory-driven computational psychiatry with data-driven analytics to enhance precision health at scale. *Biological Psychiatry Cognitive Neuroscience And Neuroimaging* 2026 [PMID: 41763489](#), [DOI: 10.1016/j.bpsc.2026.02.009](#).

Peer-Reviewed Reviews, Practice Guidelines, Standards, and Consensus Statements

1. Meeker D, Ohno-Machado L, Day ME, El-Kareh R, Jiang Xiu-, Kim H. Standards in the use of Collaborative or Distributed Data Networks in Patient Centered Outcomes Research. Patient Centered Outcomes Research Institute. 2012.
2. Meeker D, Ohno-Machado L, Alipanah N, Day M, El-Kareh R. Clinical Data Research Networks, Patient-powered Research Networks, and Patient Registries: Taxonomy and Comprehensive Inventories. Patient Centered Outcomes Research Institute. 2013
3. Centers for Medicare & Medicaid Services. CMS Quality Measure Development Plan: Supporting the Transition to the Merit-based Incentive Payment System (MIPS) and Alternative Payment Models (APMs). Baltimore, MD: Centers for Medicare & Medicaid Services; 2016.
4. Centers for Disease Control and Prevention, Core Elements of Antibiotic Stewardship: Guideline framework for antibiotic stewardship for outpatient clinicians and facilities that routinely provide antibiotic treatment, based on core principles developed by our research group and implemented in 5 U.S. States through funded demonstration projects. November 11, 2016.
5. May L, Yadav K, Gaona SD, Mistry R, Stahmer A, Meeker D, Doctor J, Fleischman R. MITIGATE antimicrobial stewardship toolkit. 2018
6. "Front Matter." National Academies of Sciences, Engineering, and Medicine. 2025. Vaccine Risk Monitoring and Evaluation at the Centers for Disease Control and Prevention. Washington, DC: The National Academies Press. doi: 10.17226/29240.

Peer-Reviewed Case Reports and Technical Notes

1. Meeker D, Hussey PS, Shetty K, Singer AE, Damberg CL. Integration of Structured Evidence and Data into eMeasure Development 2013, Report No: PR-442-ONC.

Chapters

1. Andersen R, Meeker D, Pesaran B, Breznen B, Buneo C, Scherberger H. Sensorimotor transformations in the posterior parietal cortex. In: Gazzaniga MS, ed. *The Cognitive Neurosciences*. Cambridge, MA: MIT Press; 2004:463-474
2. Meeker D & Doctor JN. Applications of Behavioral Economics to Clinical Quality Improvement. In Hanoch Y, Barnes AJ, & Rice T. *Behavioral Economics and Health Behaviors*. Routledge: Abingdon, United Kingdom, 2017
3. Meeker D & Doctor JN. Applications of Behavioral Economics to Clinical Quality Improvement. In Hanoch Y, Barnes AJ, & Rice T. *Behavioral Economics and Health Behaviors*. Routledge: Abingdon, United Kingdom, 2017; Chapter 11

Commentaries, Editorials and Letters

1. Waxler S, Blazek P, White D, Sneider D, Chung K, Nagarathnam M, Williams P, Voeller H, Wong K, Swanhorst M...Meeker D, Zhang S. Generative Medical Event Models Improve with Scale. *arXiv e-prints*. 2025 Aug:arXiv-2508