Stanford



Mary Kane Goldstein

Professor of Health Policy, Emerita

NIH Biosketch available Online Curriculum Vitae available Online

CONTACT INFORMATION

- **Alternate Contact**

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Bio

BIO

Dr. Goldstein is Professor of Health Policy and, by courtesy, Professor of Medicine i(Center for Biomedical Informatics Research), at Stanford University. She served as National Director of Data Analytics, Quality Improvement, and Research in the Office of Geriatrics and Extended Care (GEC), Veterans Health Administration (VHA), Department of Veterans Affairs, from 2020 - 2023. Prior to her role with Office of GEC, Dr. Goldstein was Chief, Medical Service, at the VA Palo Alto Health Care System. Her primary area of research expertise is health services research (HSR) involving health information technology to improve quality of health care, with attention to patient complexity.. She is clinically certified as a geriatrician and as a clinical informaticist. Dr. Goldstein has led a project team that developed and implemented Clinical Decision Support (CDS) for primary care providers to improve care for common chronic conditions. She also collaborates with other investigators exploring factors that provide data for and/or influence medical decision making.

ACADEMIC APPOINTMENTS

- Professor Emeritus-Hourly, Health Policy
- Member, Bio-X
- Member, Cardiovascular Institute

ADMINISTRATIVE APPOINTMENTS

- National Director of Data Analytics, Quality Improvement, and Research, Office of Geriatrics and Extended Care (GEC), VHA, Department of Veterans Affairs, (2020-2023)
- Vice Chair - Veterans Affairs, Department of Medicine, Stanford University School of Medicine, (2016-2020)
- Chief, Medical Service, VA Palo Alto Health Care System, (2016-2020)
- Director, Palo Alto Geriatrics Research Education and Clinical Center (GRECC), VA Palo Alto Health Care System, (2008-2017)
- Director of Program on Primary Care Policy and Practice Advancement, Center for Primary Care and Outcomes Research, Stanford, (1997- present)
- Acting Chief, Medical Service, VA Palo Alto Health Care System, (2015-2016)
- Associate Director for Clinical Services, Geriatrics Research Education and Clinical Center (GRECC), VA Palo Alto Health Care System, (2000-2009)

HONORS AND AWARDS

- Alpha Omega Alpha, Stanford University Faculty (2019 -)
- Fellow, American College of Medical Informatics (2019 -)
- Under Secretary's Award for Health Services Research, Department of Veterans Affairs, Veterans Health Administration (2010)
- Advanced Research Career Development Award, Department of Veterans Affairs (2000-2002)
- Career Development Award in Health Services Research, Department of Veterans Affairs (1996-1999)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Chairperson, Expert Advisory Group (formerly, Steering Committee), Veterans Information Resource Center (VIReC), Veterans. Dept of Veterans Affairs (2014 - 2023)
- Advisory Panel, Pt Safety Ctr of Inquiry: ...Improved Tools Opioid Rx (PPSiTOP, Department of Veterans Affairs (2013 - 2015)
- Advisory Committee Member, QUERI - Chronic Heart Failure (CHF), Health Services Research and Development (HSR&D), Dept of VA (2002 - 2015)
- Co-Chair, Analytics Subcommittee, VA Corporate Data Warehouse (CDS), Department of Veterans Affairs, Veterans Health Administration (2015 - 2016)
- Steering Committee Member, VA Information Resource Center (VIReC) (2011 - 2014)
- Chairperson, GRECC Directors Association, Department of Veterans Affairs (2011 - 2012)
- National Advisory Committee Member, Robert Wood Johnson Foundation (RWJF) Physician Faculty Scholars Program (2008 - 2012)
- Executive Committee Member, Quality Enhancement Research Initiative (QUERI) - Ischemic Heart Disease (IHD), HSR&D, Dept of VA (2000 - 2013)
- Board of Directors, American Geriatrics Society (1996 - 2002)
- Board of Directors, American Board of Family Medicine (1993 - 1998)

PROFESSIONAL EDUCATION

- MD, Columbia University , medical degree (1977)
- MS in HSR, Stanford University , Health Services Research (1994)
- BA, Barnard College , Philosophy (1973)

LINKS

- PCOR Faculty Description: http://chppcor.stanford.edu/people/2093/

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Health services research in primary care and geriatrics applying health informatics for quality improvement in health care. The ATHENA-Clinical Decision Support (CDS) project develops knowledge-based systems for application to patient data in electronic health records (EHR) and presentation of findings and recommendations to health professionals within the EHR. Current work in this project includes knowledge engineering of knowledge bases to expand the library of encoded clinical guidelines; evaluation of existing systems based on stakeholder input; integrating CDS into the clinician dashboard to support Patient-Aligned Care Teams (PACTS; akin to PCMH) for Department of Veterans Affairs; and using encoded knowledge to automate clinically-relevant performance metrics using EHR data.

Multiple comorbidities: I am especially interested in addressing information needs of health professionals related to the growing numbers of patients with multiple co-existing conditions (known as multiple chronic conditions, multimorbidity, or multiple comorbidities.) I am collaborating with other investigators to explore how often clinical practice guidelines address commonly co-occurring conditions; decision complexity for health care decision-making with patients with multimorbidity; and effects of comorbidity on benefits and harms of treatment for chronic disease.

Other work includes:

-extracting information from free-text of the EHR using natural language processing, for use in clinical decision support, quality measurement, and predictive analytics;

-developing methods to incorporate patient goals, patient-generated data, and quality of life information into electronic health records and cost-effectiveness analyses for health care of older adults.

CLINICAL TRIALS

- Group Visits to Improve Hypertension Management, Not Recruiting
- Guidelines for Drug Therapy of Hypertension: Closing the Loop, Not Recruiting
- Guidelines for Drug Therapy of Hypertension: Multi-Site Implementation, Not Recruiting
- VISN Collaborative for Improving Hypertension Management With ATHENA-HTN, Not Recruiting

PROJECTS

- Optimizing Appropriate Use of Medications for Veterans: MedSafe CDS - VA Palo Alto Health Care System (10/1/2016 - September 30, 2021)
- Automating Performance Metrics for Quality Improvement in Complex Chronic Disease - VA Palo Alto Health Care System, Department of Veterans Affairs (9/1/2011 - August 31, 2015)
- VISN Collaborative for Improving Hypertension Management with ATHENA-HTN - VA Palo Alto Health Care System and New England Healthcare Network (VISN 1), Dept of VA (1/1/2006 - March 3, 2011)
- Integrating Heart Failure Clinical Decision Support (CDS) at Point of Care - VA Palo Alto Health Care System, Department of Veterans Affairs (1/1/2013 - 12/31/2013)
- Guidelines to Performance Measures: Automating Quality Review for Heart Failure - VA Palo Alto Health Care System, Department of Veterans Affairs (1/1/2012 - 12/30/2012)
- Center on Advancing Decision Making in Aging (CADMA) (ended August 2014) - Center for Primary Care & Outcomes Research, Stanford University (9/30/2009 - 8/31/2014)

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Biomedical Data Science (Masters Program)
- Biomedical Data Science (PhD Program)
- Health Services Research (Masters Program)
- Health Services Research (PhD Program)
- Medicine (Masters Program)

Publications

PUBLICATIONS

- **Predicting Risk of Long-Term Institutionalization Among Community Dwelling Veterans Before the COVID-19 Pandemic.** *Health services research*
  Kinosian, B., Schmitt, S., Augustine, M., Hartronft, S., Makineni, R., Judon, K., Krautner, G., Schmitz, C., Goldstein, M. K., Phibbs, C. S., Intrator, O. 2025: e70016
- **Antibiotic Resistance Microbiology Dataset (ARMD): A Resource for Antimicrobial Resistance from EHRs.** *Scientific data*
  Nateghi Haredasht, F., Amrollahi, F., Maddali, M. V., Marshall, N., Ma, S. P., Cooper, L. N., Johnson, A. O., Wei, Z., Medford, R. J., Kanjilal, S., Banaei, N., Deresinski, S., Goldstein, et al

2025; 12 (1): 1299

- **Antibiotic Resistance Microbiology Dataset (ARMD): A Resource for Antimicrobial Resistance from EHRs.** *ArXiv*
  Haredasht, F. N., Amrollahi, F., Maddali, M. V., Marshall, N., Ma, S. P., Cooper, L. N., Johnson, A. O., Wei, Z., Medford, R. J., Kanjilal, S., Banaei, N., Deresinski, S., Goldstein, et al
  2025

- **Antibiotic Resistance Microbiology Dataset (ARMD): A Resource for Antimicrobial Resistance from EHRs.** *ArXiv*
  Haredasht, F. N., Amrollahi, F., Maddali, M. V., Marshall, N., Ma, S. P., Cooper, L. N., Johnson, A. O., Wei, Z., Medford, R. J., Kanjilal, S., Banaei, N., Deresinski, S., Goldstein, et al
  2025

- **Brief Video-Delivered Intervention to Reduce Anxiety and Improve Functioning in Older Veterans: Pilot Randomized Controlled Trial.** *JMIR aging*
  Gould, C. E., Carlson, C., Wetherell, J. L., Goldstein, M. K., Anker, L., Beaudreau, S. A.
  2024; 7: e56959

- **Enhancing Antibiotic Stewardship: A Machine Learning Approach to Predicting Antibiotic Resistance in Inpatient Care.** *AMIA ... Annual Symposium proceedings. AMIA Symposium*
  Haredasht, F. N., Maddali, M. V., Ma, S. P., Chang, A., Kim, G. Y., Banaei, N., Deresinski, S., Goldstein, M. K., Asch, S. M., Chen, J. H.
  2024; 2024: 857-864

- **Mild Cognitive Impairment: Data-Driven Prediction, Risk Factors, and Workup.** *AMIA Joint Summits on Translational Science proceedings. AMIA Joint Summits on Translational Science*
  Fouladvand, S., Noshad, M., Goldstein, M. K., Periyakoil, V. J., Chen, J. H.
  2023; 2023: 167-175

- **Improving chronic kidney disease detection and treatment in the United States: the chronic kidney disease cascade of care (C3) study protocol.** *BMC nephrology*
  Lamprea-Montealegre, J. A., Joshi, P., Shapiro, A. S., Madden, E., Navarra, K., Potok, O. A., Gregg, L. P., Podchiyska, T., Robinson, A., Goldstein, M. K., Peralta, C. A., Jassal, S. K., Navaneethan, et al
  2022; 23 (1): 331

- **Association Between Mental Health Conditions and Outpatient Care Fragmentation: a National Study of Older High-Risk Veterans.** *Journal of general internal medicine*
  Trivedi, R. B., Rossi, F. S., Javier, S. J., Greene, L., Singer, S. J., Vanneman, M. E., Goldstein, M., Zulman, D. M.
  2022

- **Outpatient care fragmentation in Veterans Affairs patients at high-risk for hospitalization.** *Health services research*
  Zulman, D. M., Greene, L., Slightam, C., Singer, S. J., Maciejewski, M. L., Goldstein, M. K., Vanneman, M. E., Yoon, J., Trivedi, R. B., Wagner, T., Asch, S. M., Boothroyd, D.
  2022

- **Anticipating VA/non-VA care coordination demand for Veterans at high risk for hospitalization.** *Medicine*
  Vanneman, M. E., Yoon, J., Singer, S. J., Wagner, T. H., Goldstein, M. K., Hu, J., Boothroyd, D., Greene, L., Zulman, D. M.
  2022; 101 (7): e28864

- **Structural Patterns in Chronic Disease Clinical Practice Guidelines Formalized for Clinical Decision Support.** *AMIA ... Annual Symposium proceedings. AMIA Symposium*
  Tu, S. W., Podchiyska, T., Oshiro, C., Martins, S., Ashcraft, M., Chambers, J., Robinson, A., Heidenreich, P., Goldstein, M. K.
  2022; 2022: 1081-1090

- **Nephrology Referral Based on Laboratory Values, Kidney Failure Risk, or Both: A Study Using Veterans Affairs Health System Data.** *American journal of kidney diseases : the official journal of the National Kidney Foundation*
  Duggal, V., Montez-Rath, M. E., Thomas, I., Goldstein, M. K., Tamura, M. K.
  2021

- **Renin-Angiotensin-Aldosterone System Inhibitors and SARS-CoV-2 Infection: An Analysis from the Veteran's Affairs Healthcare System: Sandhu. ACEI, ARB, and Association with COVID.** *American heart journal*
  Sandhu, A. T., Kohsaka, S., Lin, S., Woo, C. Y., Goldstein, M. K., Heidenreich, P. A.
  2021

- **Proportion of SARS-CoV-2 positive tests and Vaccination in VA Community Living Centers.** *Journal of the American Geriatrics Society*
  Rudolph, J. L., Hartronft, S., McConeghy, K., Kennedy, M., Intrator, O., Lisa Minor, R. N., Hubert, T. L., Goldstein, M. K.
  2021

- **BRIEF VIDEO-DELIVERED INTERVENTIONS TO REDUCE ANXIETY IN OLDER VETERANS: A PILOT RCT**
  Gould, C., Carlson, C., Anker, L., O'Hara, R., Wetherell, J., Goldstein, M., Beaudreau, S.
  OXFORD UNIV PRESS.2021: 567

- **Laboratory-wide association study of survival with prostate cancer.** *Cancer*
  Sohlberg, E. M., Thomas, I., Yang, J., Kapphahn, K., Velaer, K. N., Goldstein, M. K., Wagner, T. H., Chertow, G. M., Brooks, J. D., Patel, C. J., Desai, M., Leppert, J. T.
  2020

- **OrderRex clinical user testing: a randomized trial of recommender system decision support on simulated cases.** *Journal of the American Medical Informatics Association : JAMIA*
  Kumar, A., Aikens, R. C., Hom, J., Shieh, L., Chiang, J., Morales, D., Saini, D., Musen, M., Baiocchi, M., Altman, R., Goldstein, M. K., Asch, S., Chen, et al
  2020

- **"It's a disease of families": Neurologists' insights on how to improve communication and quality of life for families of Parkinson's disease patients** *CHRONIC ILLNESS*
  Schwartz, R., Zulman, D., Gray, C., Goldstein, M. K., Trivedi, R.
  2020; 16 (3): 201–11

- **Life expectancy estimates for patients diagnosed with prostate cancer in the Veterans Health Administration.** *Urologic oncology*
  Sohlberg, E. M., Thomas, I., Yang, J., Kapphahn, K., Daskivich, T. J., Skolarus, T. A., Shelton, J. B., Makarov, D. V., Bergman, J., Bang, C. K., Goldstein, M. K., Wagner, T. H., Brooks, et al
  2020

- **OUTPATIENT CARE FRAGMENTATION PATTERNS AND ASSOCIATION WITH HOSPITALIZATION IN HIGH-RISK VA PATIENTS**
  Zulman, D. M., Greene, A. L., Wagner, T. H., Maciejewski, M., Singer, S., Slightam, C., Trivedi, R., Vanneman, M., Asch, S., Yoon, J., Goldstein, M. K., Boothroyd, D.
  SPRINGER.2020: S216

- **Guided self-management targeting anxiety and activity participation in older Veterans.** *Aging & mental health*
  Gould, C. E., Carlson, C., Wetherell, J. L., O'Hara, R., Goldstein, M. K., Loup, J. R., Ma, F., Beaudreau, S. A.
  2020: 1–10

- **Stakeholder Engagement for a Planned Automated Quality Measurement System** *SAGE OPEN*
  Kalsy, M., Kelly, N., Meystre, S. M., Kim, Y., Bray, B. E., Bolton, D., Goldstein, M. K., Garvin, J. H.
  2020; 10 (2)

- **Receipt of Eye Care Services among Medicare Beneficiaries with and without Dementia.** *Ophthalmology*
  Pershing, S., Goldstein, M. K., Henderson, V. W., Bundorf, M. K., Lu, Y., Rahman, M., Stein, J. D.
  2020

- **Cataract Surgery Complexity and Surgical Complication Rates among Medicare Beneficiaries with and without Dementia.** *American journal of ophthalmology*
  Pershing, S. n., Henderson, V. W., Goldstein, M. K., Lu, Y. n., Bundorf, M. K., Rahman, M. n., Stein, J. D.
  2020

- **Physician Usage and Acceptance of a Machine Learning Recommender System for Simulated Clinical Order Entry.** *AMIA Joint Summits on Translational Science proceedings. AMIA Joint Summits on Translational Science*
  Chiang, J., Kumar, A., Morales, D., Saini, D., Hom, J., Shieh, L., Musen, M., Goldstein, M. K., Chen, J. H.
  2020; 2020: 89–97

- **Technology Use and Preferences for Mental Health Self-Management Interventions among Older Veterans.** *International journal of geriatric psychiatry*
  Gould, C. E., Loup, J., Kuhn, E., Beaudreau, S. A., Ma, F., Goldstein, M. K., Wetherell, J. L., Zapata, A. M., Choe, P., O'Hara, R.
  2019

- **Differences in Receiving Eye Care Based on Dementia Status**
  Pershing, S., Goldstein, M. K., Henderson, V. W., Lu, Y., Bundorf, M., Rahman, M., Andrews, C., Stein, J. D.
  ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2019
- **High-Need Patients' Goals and Goal Progress in a Veterans Affairs Intensive Outpatient Care Program.** *Journal of general internal medicine*
  Hsu, K. Y., Slightam, C., Shaw, J. G., Tierney, A., Hummel, D. L., Goldstein, M. K., Chang, E. T., Boothroyd, D., Zulman, D. M.
  2019
- **Differences in Cataract Surgery Rates Based on Dementia Status.** *Journal of Alzheimer's disease : JAD*
  Pershing, S., Henderson, V. W., Bundorf, M. K., Lu, Y., Rahman, M., Andrews, C. A., Goldstein, M., Stein, J. D.
  2019
- **Differences in Cataract Surgery Rates Based on Dementia Status** *JOURNAL OF ALZHEIMERS DISEASE*
  Pershing, S., Henderson, V. W., Bundorf, M., Lu, Y., Rahman, M., Andrews, C. A., Goldstein, M., Stein, J. D.
  2019; 69 (2): 423–32
- **An evaluation of clinical order patterns machine-learned from clinician cohorts stratified by patient mortality outcomes** *JOURNAL OF BIOMEDICAL INFORMATICS*
  Wang, J. K., Hom, J., Balasubramanian, S., Schuler, A., Shah, N. H., Goldstein, M. K., Baiocchi, M. T. M., Chen, J. H.
  2018; 86: 109–19
- **An Evaluation of Clinical Order Patterns Machine-Learned from Clinician Cohorts Stratified by Patient Mortality Outcomes.** *Journal of biomedical informatics*
  Wang, J. K., Hom, J., Balasubramanian, S., Schuler, A., Shah, N. H., Goldstein, M. K., Baiocchi, M. T., Chen, J. H.
  2018
- **Testing the usability of a portable DVD player and tailored photo instructions with older adult veterans** *EDUCATIONAL GERONTOLOGY*
  Gould, C. E., Zapata, A. L., Shinsky, D. N., Goldstein, M. K.
  2018; 44 (1): 64–73
- **Selecting Test Cases from the Electronic Health Record for Software Testing of Knowledge-Based Clinical Decision Support Systems.** *AMIA ... Annual Symposium proceedings. AMIA Symposium*
  Usman, O. A., Oshiro, C., Chambers, J. G., Tu, S. W., Martins, S., Robinson, A., Goldstein, M. K.
  2018; 2018: 1046–55
- **"It's a disease of families": Neurologists' insights on how to improve communication and quality of life for families of Parkinson's disease patients.** *Chronic illness*
  Schwartz, R. n., Zulman, D. n., Gray, C. n., Goldstein, M. K., Trivedi, R. n.
  2018: 1742395318799852
- **Automating Quality Measures for Heart Failure Using Natural Language Processing: A Descriptive Study in the Department of Veterans Affairs** *JMIR MEDICAL INFORMATICS*
  Garvin, J., Kim, Y., Gobbel, G., Matheny, M. E., Redd, A., Bray, B. E., Heidenreich, P., Bolton, D., Heavirland, J., Kelly, N., Reeves, R., Kalsy, M., Goldstein, et al
  2018; 6 (1): e5
- **Effect of the Tool to Reduce Inappropriate Medications on Medication Communication and Deprescribing** *JOURNAL OF THE AMERICAN GERIATRICS SOCIETY*
  Fried, T. R., Niehoff, K. M., Street, R. L., Charpentier, P. A., Rajeevan, N., Miller, P. L., Goldstein, M. K., O'Leary, J. R., Fenton, B. T.
  2017; 65 (10): 2265–71
- **Development of a video-delivered relaxation treatment of late-life anxiety for veterans.** *International psychogeriatrics*
  Gould, C. E., Zapata, A. M., Bruce, J., Bereknyei Merrell, S., Wetherell, J. L., O'Hara, R., Kuhn, E., Goldstein, M. K., Beaudreau, S. A.
  2017: 1-13
- **Decaying relevance of clinical data towards future decisions in data-driven inpatient clinical order sets.** *International journal of medical informatics*
  Chen, J. H., Alagappan, M., Goldstein, M. K., Asch, S. M., Altman, R. B.
  2017; 102: 71-79
- **Extraction of left ventricular ejection fraction information from various types of clinical reports** *JOURNAL OF BIOMEDICAL INFORMATICS*

Kim, Y., Garvin, J. H., Goldstein, M. K., Hwang, T. S., Redd, A., Bolton, D., Heidenreich, P. A., Meystre, S. M.
2017; 67: 42–48

- **What is a good medical decision? A research agenda guided by perspectives from multiple stakeholders.** *Journal of behavioral medicine*
  Hamilton, J. G., Lillie, S. E., Alden, D. L., Scherer, L., Oser, M., Rini, C., Tanaka, M., Baleix, J., Brewster, M., Craddock Lee, S., Goldstein, M. K., Jacobson, R. M., Myers, et al
  2017; 40 (1): 52-68
- **What is a good medical decision? A research agenda guided by perspectives from multiple stakeholders** *JOURNAL OF BEHAVIORAL MEDICINE*
  Hamilton, J. G., Lillie, S. E., Alden, D. L., Scherer, L., Oser, M., Rini, C., Tanaka, M., Baleix, J., Brewster, M., Lee, S. C., Goldstein, M. K., Jacobson, R. M., Myers, et al
  2017; 40 (1): 52-68
- **High-Risk Drug-Drug Interactions Between Clinical Practice Guidelines for Management of Chronic Conditions.** *AMIA Joint Summits on Translational Science proceedings. AMIA Joint Summits on Translational Science*
  Tso, G. J., Tu, S. W., Musen, M. A., Goldstein, M. K.
  2017; 2017: 531–39
- **The New HIT: Human Health Information Technology**
  Leung, T. I., Goldstein, M. K., Musen, M. A., Cronkite, R., Chen, J. H., Gottlieb, A., Leitersdorf, E.
  edited by Gundlapalli, A. V., Jaulent, M. C., Zhao, D.
  IOS PRESS.2017: 768–72
- **A MIXED-METHODS EVALUATION OF A VIDEO-DELIVERED RELAXATION TREATMENT OF ANXIETY IN OLDER VETERANS**
  Gould, C. E., O'Hara, R., Zapata, A., Bruce, J., Merrell, S., Wetherell, J., Goldstein, M., Beaudreau, S. A.
  OXFORD UNIV PRESS INC.2016: 448
- **TESTING THE USABILITY OF A PORTABLE DVD PLAYER AND PHOTO INSTRUCTIONS GUIDE WITH OLDER VETERANS**
  Gould, C. E., Zapata, A., Merrell, S., Bruce, J., Beaudreau, S. A., Goldstein, M., Wetherell, J., O'Hara, R.
  OXFORD UNIV PRESS INC.2016: 568
- **Multimorbidity is associated with anxiety in older adults in the Health and Retirement Study.** *International journal of geriatric psychiatry*
  Gould, C. E., O'Hara, R., Goldstein, M. K., Beaudreau, S. A.
  2016; 31 (10): 1105-1115
- **Predicting inpatient clinical order patterns with probabilistic topic models vs conventional order sets.** *Journal of the American Medical Informatics Association*
  Chen, J. H., Goldstein, M. K., Asch, S. M., Mackey, L., Altman, R. B.
  2016
- **Automated Heart Failure Quality Measurement with Natural Language Processing**
  Garvin, J. H., Kim, Y., Gobbel, G. T., Matheny, M. E., Redd, A., Bray, B. E., Heidenreich, P., Kalsy, M., Goldstein, M. K., Bolton, D., Nativi-Nicolau, J., Meystre, S. M.
  CHURCHILL LIVINGSTONE INC MEDICAL PUBLISHERS.2016: S92
- **A Delphi process to address medication appropriateness for older persons with multiple chronic conditions (vol 16, 67, 2016)** *BMC GERIATRICS*
  Fried, T. R., Niehoff, K., Tjia, J., Redeker, N., Goldstein, M. K.
  2016; 16: 123
- **Development of the Tool to Reduce Inappropriate Medications (TRIM): A Clinical Decision Support System to Improve Medication Prescribing for Older Adults.** *Pharmacotherapy*
  Niehoff, K. M., Rajeevan, N., Charpentier, P. A., Miller, P. L., Goldstein, M. K., Fried, T. R.
  2016; 36 (6): 694-701
- **Longitudinal Cognitive Trajectories of Women Veterans from the Women's Health Initiative Memory Study.** *Gerontologist*
  Padula, C. B., Weitlauf, J. C., Rosen, A. C., Reiber, G., Cochrane, B. B., Naughton, M. J., Li, W., Rissling, M., Yaffe, K., Hunt, J. R., Stefanick, M. L., Goldstein, M. K., Espeland, et al
  2016; 56 (1): 115-125

- **A Delphi process to address medication appropriateness for older persons with multiple chronic conditions.** *BMC geriatrics*
  Fried, T. R., Niehoff, K., Tjia, J., Redeker, N., Goldstein, M. K.
  2016; 16 (1): 67-?

- **DYNAMICALLY EVOLVING CLINICAL PRACTICES AND IMPLICATIONS FOR PREDICTING MEDICAL DECISIONS**
  Chen, J. H., Goldstein, M. K., Asch, S. M., Altman, R. B.
  edited by Altman, R. B., Dunker, A. K., Hunter, L., Ritchie, M. D., Murray, T., Klein, T. E.
  WORLD SCIENTIFIC PUBL CO PTE LTD.2016: 195–206

- **Automating Guidelines for Clinical Decision Support: Knowledge Engineering and Implementation.** *AMIA ... Annual Symposium proceedings. AMIA Symposium*
  Tso, G. J., Tu, S. W., Oshiro, C., Martins, S., Ashcraft, M., Yuen, K. W., Wang, D., Robinson, A., Heidenreich, P. A., Goldstein, M. K.
  2016; 2016: 1189-1198

- **Automating Performance Measures and Clinical Practice Guidelines: Differences and Complementarities.** *AMIA ... Annual Symposium proceedings. AMIA Symposium*
  Tu, S. W., Martins, S., Oshiro, C., Yuen, K., Wang, D., Robinson, A., Ashcraft, M., Heidenreich, P. A., Goldstein, M. K.
  2016; 2016: 1199-1208

- **Test Case Selection in Pre-Deployment Testing of Complex Clinical Decision Support Systems.** *AMIA Joint Summits on Translational Science proceedings. AMIA Joint Summits on Translational Science*
  Tso, G. J., Yuen, K., Martins, S., Tu, S. W., Ashcraft, M., Heidenreich, P., Hoffman, B. B., Goldstein, M. K.
  2016; 2016: 240-249

- **DYNAMICALLY EVOLVING CLINICAL PRACTICES AND IMPLICATIONS FOR PREDICTING MEDICAL DECISIONS.** *Pacific Symposium on Biocomputing. Pacific Symposium on Biocomputing*
  Chen, J. H., Goldstein, M. K., Asch, S. M., Altman, R. B.
  2016; 21: 195-206

- **Prospective Analysis of Health and Mortality Risk in Veteran and Non-Veteran Participants in the Women's Health Initiative** *WOMENS HEALTH ISSUES*
  Weitlauf, J. C., LaCroix, A. Z., Bird, C. E., Woods, N. F., Washington, D. L., Katon, J. G., LaMonte, M. J., Goldstein, M. K., Bassuk, S. S., Sarto, G. E., Stefanick, M. L.
  2015; 25 (6): 649-657

- **Defibrillator implantations for primary prevention in the United States: Inappropriate care or inadequate documentation: Insights from the National Cardiovascular Data ICD Registry.** *Heart rhythm*
  Kaiser, D. W., Tsai, V., Heidenreich, P. A., Goldstein, M. K., Wang, Y., Curtis, J., Turakhia, M. P.
  2015; 12 (10): 2086-2093

- **Prospective Analysis of Health and Mortality Risk in Veteran and Non-Veteran Participants in the Women's Health Initiative.** *Women's health issues : official publication of the Jacobs Institute of Women's Health*
  Weitlauf, J. C., LaCroix, A. Z., Bird, C. E., Woods, N. F., Washington, D. L., Katon, J. G., LaMonte, M. J., Goldstein, M. K., Bassuk, S. S., Sarto, G. E., Stefanick, M. L.
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