10-7-2013

CURRICULUM VITAE

Douglas K. Owens, M.D., M.S.

Address: VA Palo Alto Health Care System (111A)
3801 Miranda Avenue
Palo Alto, California 94304

Center for Primary Care and Outcomes Research and
Center for Health Policy
117 Encina Commons
Stanford, California 94305-6019
Voice: 650 723-0933 Fax: 650 724-5182
email: owens@stanford.edu

Nationality: United States Citizen

Education:

1978 B.S.	Stanford University; Stanford, California
1982 M.D.	University of California - San Francisco; San Francisco, California
1991 M.S.	Stanford University; Stanford, California

Postdoctoral Training:

1982 - 1983	Internship, Internal Medicine, Hospital of the University of Pennsylvania; Philadelphia, Pennsylvania
1983 - 1985	Residency, Internal Medicine, Hospital of the University of Pennsylvania; Philadelphia, Pennsylvania
1985 - 1986	Post-Doctoral Research, Stanford University; Stanford, California. Research in Decision Analysis supported by a grant from the National Fund for Medical Education
1988 - 1991	Fellowship in Health Care Research and Health Policy, Stanford University; Stanford, California.

Licensure and Certification:

1985	American Board of Internal Medicine
1985	State of California, Board of Registration in Medicine

Hospital Appointments:

1977 - 1980	Research Assistant, Stanford University Medical Center; Stanford, California (research in neurochemistry)

1984 - 1985	Staff Physician, Emergency Medicine Associates, Hospital of the University of Pennsylvania Emergency Department; Philadelphia, Pennsylvania (Part-time position in an adult urgent care clinic).
1985	Staff Physician, Kaiser Permanente Medical Center; Oakland, California (Part-time position in the Emergency Department)
1985 - present	Staff Physician, Ambulatory Care, Department of Veterans Affairs Medical Center; Palo Alto, California
1986 - 1988	Chief, General Medical Clinic, Ambulatory Care, Department of Veterans Affairs Medical Center; Palo Alto, California
1987 - 1988	Acting Associate Chief of Staff for Ambulatory Care, Department of Veterans Affairs Medical Center; Palo Alto, California (Administrative chief of 27 medical and surgical outpatient clinics)
1991 - 1992	Chief, General Medical Clinic, Ambulatory Care, Department of Veterans Affairs Medical Center; Palo Alto, California

Academic Appointments:

1985 - 1986	Clinical Instructor in Medicine, Division of General Internal Medicine, Stanford University School of Medicine; Stanford, California
1987 - 1991	Clinical Assistant Professor of Medicine, Division of General Internal Medicine, Stanford University School of Medicine; Stanford, California
1991 - 1997	Assistant Professor of Medicine, Division of General Internal Medicine and Section on Medical Informatics, Department of Medicine, Stanford University School of Medicine
1991 - 2007	Director, Fellowship in Ambulatory Care Research and Practice, Department of Veterans Affairs Medical Center; Palo Alto, California
1991 - 1993	Chief, Section of General Internal Medicine, Department of Veterans Affairs Medical Center; Palo Alto, California
1992 - 1997	Assistant Professor of Health Research and Policy (by courtesy), Department of Health Research and Policy, Stanford University School of Medicine
1994 - 2011	Associate Director, Fellowship Program in Health Care Research and Health Policy, Stanford University
1994 - present	Director, Postdoctoral Fellowship in Medical Informatics, VA Medical Center, Palo Alto and Stanford University, Stanford, California.
1997 - 2006	Associate Professor of Medicine, Center for Primary Care and Outcomes Research, Department of Medicine, Stanford University School of Medicine
1997 - 2006	Associate Professor of Health Research and Policy (by courtesy), Department of Health Research and Policy, Stanford University School of Medicine
1997 - present	Director, Program on Clinical Decision Making and Guideline Development, Center for Primary Care and Outcomes Research, Stanford, California.

2002 – 2010	Director, Stanford University-University of California, San Francisco Evidence Based Practice Center, funded by the Agency for Healthcare Research and Quality.
2003 - 2004	Acting Director, Center for Primary Care and Outcomes Research (PCOR), Stanford University School of Medicine, and Center for Health Policy (CHP), Institute for International Studies, Stanford University.
2005 - present	Director, Physician Post-Residency Fellowship Program in Health Services Research and Development, Veterans Affairs Palo Alto Health Care System, Palo Alto, California.
2006 - present	Professor of Medicine, Center for Primary Care and Outcomes Research, Department of Medicine, Stanford University School of Medicine
2006 - present	Professor of Health Research and Policy (by courtesy), Department of Health Research and Policy, Stanford University School of Medicine
2011 – present	Associate Director, Center for Health Care Evaluation, VA Palo Alto Health Care System, Palo Alto, California
2011 – present	Director, Center for Health Policy, Freeman Spogli Institute for International Studies, Stanford University
2011 – present	Director, Center for Primary Care and Outcomes Research, Stanford University
2011 – present	Director, Fellowship Program in Health Care Research and Health Policy, Stanford University
2011 – present	Senior Fellow, Freeman Spogli Institute for International Studies, Stanford University
2012 – present	Professor of Management Science and Engineering (by courtesy), Stanford University
2013– present	Co-Director, Population Health Sciences Initiative, Stanford University

Honors and Awards:

1978	Graduated with Distinction, Biological Sciences, Stanford University, Stanford California
1978	Phi Beta Kappa Honor Society, Stanford University, Stanford California
1982	Gold Headed Cane Honor Society, University of California School of Medicine, San Francisco, California
1991	2nd place, Sixth Annual Decision Analysis Special Interest Group National Student Competition, Operations Research Society of America
1991	1st Place, Ninth Annual Lee Lusted National Post-doctoral Student Research Competition, Thirteenth Annual Meeting, Society for Medical Decision Making

1992	Research Associate Career Development Award, VA Health Services Research and Development Service (1992 to 1995)
1995	Senior Research Associate Career Development Award, VA Health Services Research and Development Service (1995 to 1999)
1996	Annual Outstanding Paper Award, Society for Computer Simulation International, Simulation in the Medical Sciences Conference, 1996
2000	Elected member, The American Society for Clinical Investigation (ASCI)
2003	Center for Primary Care and Outcomes Research Division Teaching Award, Stanford University, Stanford, California
2007	Under Secretary's Award for Outstanding Achievement in Health Services Research, U.S. Department of Veterans Affairs
2008	Elected member, Association of American Physicians (AAP)
2009	Elected Fellow, American College of Physicians
2010	John Eisenberg Award in Recognition of Exemplary Leadership in the Practical Application of Medical Decision Making Research, Society for Medical Decision Making
2010	Center for Primary Care and Outcomes Research Division Teaching Award, Stanford University, Stanford, California
2011	Henry J. Kaiser, Jr, Endowed Professorship, Stanford University

Memberships:	Member, American College of Physicians Member, Society for Medical Decision Making
Research Interests:	Methods for the development of clinical guidelines Analytic methods for medical decision making Technology assessment Quantitative policy analysis: HIV disease, cardiovascular disease

Selected Committees, Boards and Consultantships

1991 – 1992	Nominating Committee, Society for Medical Decision Making, Washington, D.C.
1991 – 1993	Consultant, Agency for Health Care Policy and Research, HIV Guideline Development Panel; Rockville, Maryland
1991 – 1994	VA Western Region Ambulatory Care and Education Program Development and Evaluation Subcommittee Study Section
1991 – 2002	Doctoral Dissertation Qualifying Examination Committee, Medical Information Sciences Program, Stanford University, Stanford, California
1993 – 1994	Review Committee, Ambulatory Care Fellowship Programs, Department of Veterans Affairs Central Office; Washington D.C.

1993 – 2004	Research Review Committee, Center for Health Care Evaluation, VA Health Services Research and Development Field Program; Palo Alto, California
1994	Special Scientific Review Committee, Development of Practice Guidelines, Agency for Health Care Policy and Research; Bethesda, Maryland
1994 – 1995	Chair, Pharmacy and Therapeutics Committee, VA Medical Center, Palo Alto
1994 –	Admissions Committee, Graduate Program in Health Services Research, Stanford University
1994	Special Scientific Review Committee, Agency for Health Care Policy and Research; Bethesda, Maryland
1994 – 1995	Consultant, National Institute of Child Health and Human Development, National Institues of Health, Guideline Development Panel, Adolescent HIV; Rockville, Maryland
1995	Chair, Abstract Selection Committee, National Research Service Award (NRSA) Trainee Research Conference; Chicago, Illinois
1996 – 1999	Editorial Board, Medical Decision Making
1995 – 1997	Trustee, Society for Medical Decision Making, Washington, DC.
1996	Scientific Program Co-Chair, Second Annual National Research Service Award (NRSA) Trainee Research Conference, Atlanta, Georgia; June 8, 1996
1997	VA Cooperative Studies Evaluation Committee
1997	VA HSR&D Scientific Review and Evaluation Committee, Washington, D.C.
1997 – 2000	Financial Management Group, Sierra Pacific Veterans Integrated Service Network, VA, San Francisco, California
1997 - present	Executive Committee, Evidence-Based Practice Center, Stanford University and University of California San Francisco
1997 – present	Governing Committee, Evidence-Based Practice Center, Stanford University and University of California San Francisco
1997 – 2000	Professional Standards Board, VA Palo Alto Health Care System
1997 – 2001	Executive Committee, Section on Medical Informatics, Stanford University
1997 – 1998	President Elect, Society for Medical Decision Making, Washington, D.C.
1998, 2000	Admissions Committee, Medical Information Sciences Training Program, Stanford University
1998 – 2009	VA Quality Enhancement Research Initiative, National Executive Committee, HIV Disease, Washington, D.C.

1998 – 1999	President, Society for Medical Decision Making, Washington, D.C.
1998 – 2003	Advisory Board, Program on the Economic Evaluation of Medical Technology, Harvard Center for Risk Analysis, Harvard University
1999 – 2000	Past President, Society for Medical Decision Making, Washington, D.C.
1999	VA Career Development Program Review Committee, Washington, D.C.
2000	Consultation on Anti-retroviral Therapy for HIV Prevention, Centers for Disease Control and Prevention, Atlanta, Georgia, December 4.
2001 – 2010	Clinical Efficacy Assessment Subcommittee, American College of Physicians, Philadelphia, Pennsylvania.
2001 – 2003	Blue Shield of California, Medical Policy Committee on Quality and Technology, San Francisco, California.
2001	Consultation on Prevention Effectiveness at CDC: Development of a Five-Year Plan, Centers for Disease Control and Prevention, Atlanta, Georgia, July 12.
2002	Consultation on Use of Partially Effective HIV Vaccines, Centers for Disease Control and Prevention, Atlanta, Georgia, January 16-17.
2002 – 2004	Chair, 2004 Annual Meeting, Society for Medical Decision Making, Atlanta, Georgia.
2002	Guest Editor, Special Supplement on Clinical Decision Making and Public Health, Medical Decision Making.
2002 - 2004	Steering Committee, VA Health Services Research Enhancement Award Program (REAP): Enhancing VA Health Services Research in Patient-Centered Care.
2002	Consultation on Use of Partially Effective HIV Vaccines. World Health Organization, UNAIDS, and Centers for Disease Control and Prevention, Geneva, Switzerland.
2003 – 2004	Stanford Institute for International Studies, Standing Search Committee and Executive Committee
2004	Co-chair, Scientific Abstract Selection Committee, 27th Annual Meeting, Society for General Internal Medicine, Chicago, Illinois, May 2004.
2004 –	Admissions Committee, Biomedical Informatics Training Program, Stanford University
2004 –	Research and Development Review Committee, VA Palo Alto Health Care System
2005 – 2009	Chair, Clinical Efficacy Assessment Subcommittee, American College of Physicians, Philadelphia, Pennsylvania.
2005 –	Education Committee, American College of Physicians, Philadelphia, Pennsylvania.

2006 –	Data Safety Monitoring Board, VA Cooperative Study #553, Chemotherapy After Prostatectomy, San Francisco, California
2007 – 2009	Advisory Committee on the Development of Interactive Decision Aids, Agency for Healthcare Research and Quality
2007 – 2009	Advisory Research Committee, Palo Alto Institute for Research and Education (PAIRE), VA Palo Alto Health Care System
2007 –	Expert Advisory Panel for the National Guideline and National Quality Measures Clearing House, Agency for Healthcare Research and Quality
2008	National Institutes of Health, AIDS, Clinical Studies, and Epidemiology (ACE) Study Section
2008 – 2010	Technical Expert Advisory Panel on Clinical Decision Support, Agency for Healthcare Research and Quality
2008 –	Chair, Research and Development Review Committee, VA Palo Alto Health Care System
2008 –	Board of Directors, Palo Alto Institute for Research and Education (PAIRE), VA Palo Alto Health Care System
2008 – 2009	Committee on Effectiveness of National Biosurveillance Systems: BioWatch and the Public Health System, Institute of Medicine and National Research Council, Washington D. C.
2009-2010	Immediate Past Chair, Clinical Efficacy Assessment Subcommittee, American College of Physicians, Philadelphia, Pennsylvania.
2010	Technical Expert Panel, systematic review of methods for decision modeling, Agency for Healthcare Research and Quality
2010	Technical Expert Panel, systematic review of diagnosis and management of obstructive sleep apnea, Agency for Healthcare Research and Quality
2010 – 2011	International Society for Pharmacoeconomics and Outcomes Research-Society for Medical Decision Making Task Force on Good Modeling Research Practices
2011 – present	Executive Committee, Center for Health Care Evaluation, VA Palo Alto Health Care System, Palo Alto, California
2012 –	United States Preventive Services Task Force, funded by the Agency for Health Care Research and Quality, Rockville, Maryland
2012 –	Panel on Cost Effectiveness in Health and Medicine, Washington, D.C.
2012–	Technical Expert Panel, Guidance on Use of Decision Modeling in Systematic Reviews, Agency for Healthcare Research and Quality, Rockville, Maryland
2013–	Stanford Health Policy Forum Advisory Committee

Selected Teaching Experience (Stanford University):

1985 - 1992	Lecture series on Outpatient Medicine, two conferences per week on a variety of topics, Ambulatory Care, Department of Veterans Affairs Medical Center; Palo Alto, California
1986 - 1987	"Probability Assessment," Medical Information Sciences 211
1986 - 1992	"Test Performance"; "Bias in Study Design"; "Literature Evaluation"; "Decision Theory"; "Threshold Analysis"; "Preventive Health Screening"; "Assessing Patient Preferences"; "Cost-Effectiveness Analysis"; Stanford Faculty Development Program
1986 - 1992	"Problem List and Differential Diagnosis"; "Clinical Reasoning"; Preparation for Clinical Medicine
1987 - 1988	Co-Director, Clerkship in Ambulatory Care
1988	Course Coordinator, Clinical Reasoning Section in Preparation for Clinical Medicine
1991	"The Interface of Medicine and Economics," Human Values in Medicine
1991	"Principles of Screening: Human immunodeficiency virus infection," Health Research and Policy 200
1991 - 1993	"Decision Theory and Screening for Human Immunodeficiency Virus," Graduate School of Business 243 (Analysis of Costs, Risks and Benefits of Health Care)
1991 - 1993	"Health Policy and Informatics," Medical Information Sciences 210.
1992	"Occupational Risk Assessment in the Medical Environment," Engineering-Economic systems 421.
1992 - 1993	"Ethical Dilemmas and AIDS," Medical Ethics II, Medicine 250B
1993 - 2008	Co-Instructor, Health Research and Policy 283, (Seminar in Research Methods)
1994	"Screening for HIV Disease," Health Research and Policy 202 (Biostatistics and Epidemiology)
1995	"Model Based Analyses of Transmission Risks and screening programs: HIV in the medical workplace," Operations Research
1996	"Introduction to Decision Models", and "Clinical Practice Guidelines", Health Research and Policy 200
1996	"Screening Physicians and Patients for HIV", Human Biology 142 (Impact of AIDS)
1997 - 1998	Co-instructor, Engineering 63, Engineering Applications in Medicine, 3 units, Fall Quarter

1998 - 2010	Co-instructor, Economics 332, Analysis of Costs, Risks, and Benefits in Health Care, Graduate School of Business
2001	"Translating Clinical Trials into Improved Health", Design and Conduct of Clinical Trials, Fall 2001, School of Medicine.
2001 - present	"Screening for HIV Disease", Management Science and Engineering 290
2003 – 2008	"Cost effectiveness of HIV Vaccines", Management Science and Engineering 292
2011 –	Instructor, Economics 332, Analysis of Costs, Risks, and Benefits in Health Care, Graduate School of Business

Graduate Students/Postdoctoral Fellows Supervised:

Postdoctoral Fellows:

Thomas W. McDonald, M.D, VA Ambulatory Care Fellowship, Project: Evaluation of a physician workstation

Brian Gage, M.D. (thesis advisor), VA Ambulatory Care Fellowship, Project: Cost-effectiveness of antithrombotic therapy for prevention of strokes in patients with atrial fibrillation

David Stern, M.D. VA Ambulatory Care Fellowship, Project: Evaluation of the role of journal clubs in medical education

Barry Rotman, M.D., VA Ambulatory Care Fellowship, Project: Impact of a physician workstation on costs of care

Ida Sim, M.D. (thesis advisor), VA Ambulatory Care Fellowship, Project: Computer-based publication of clinical trial data; VA Postdoctoral Medical Informatics Fellowship, Project: A computer-based trail bank

Cindy Mason, Ph.D., VA Medical Informatics Fellowship, Project: Development of a user interface for research databases

Anne Dembitzer, M.D. (thesis advisor), VA Ambulatory Care Fellowship, Project: Cost-effectiveness of mammography

Michael Gould, M.D., Fellowship Program in Health Care Research and Health Policy, Project: Staging non-small cell lung cancer

Patricia Pepper, M.D. (thesis advisor). VA Ambulatory Care Fellowship, Project: Perioperative complications in Parkinson's patients

Ahmed Bayoumi, M.D., VA Ambulatory Care Fellowship, Project: Cost effectiveness analysis of prophylaxis for opportunistic infection in HIV disease

Paul Heidenreich, MD, Fellowship Program in Health Care Research and Health Policy, Project: Cost-effectiveness of echocardiography for diagnosis of endocarditis.

Eric Bradford, MD, Fellowship Program in Health Care Research and Health Policy.

Dena Bravata, MD, VA Ambulatory Care Fellowship, Project: A systematic review of the effect of liver transplantation on quality of life

Amber Barnato, MD, Fellowship Program in Health Care Research and Health Policy, Project: Cost effectiveness of potential vaccines for *Coccidioides immitis*

Lauren Gerson, MD, Fellowship Program in Health Care Research and Health Policy, Project: Management of anticoagulation in patients undergoing endoscopy

Thomas Alloggiamento, MD, VA Ambulatory Care Fellowship, Project: Cost-effectiveness of revascularization of single-vessel coronary artery disease.

Herb Szeto, MD, VA Ambulatory Care Fellowship, Project: Cost-effectiveness of strategies to diagnose pulmonary embolism.

Mark Schleinitz, MD, VA Ambulatory Care Fellowship, Project: Cost-effectiveness of clopidogrel for prevention of stroke.

Melissa Fisher, MD, VA Ambulatory Care Fellowship, Project: Educational curricula development..

Otto Lin, MD, Fellowship Program in Health Care Research and Health Policy, Project: Cost effectiveness of screening for hepatocellular carcinoma in patients with cirrhosis secondary to chronic hepatitis C.

Bahman Nouri, MD, VA Ambulatory Care Fellowship, Project: Cost effectiveness of vaccination for anthrax.

Rohini Vij, MD, Fellowship Program in Health Care Research and Health Policy, Project: Cost effectiveness of photodynamic therapy for high grade dysplasia of the esophagus.

Pete Groeneveld MD, Fellowship Program in Health Care Research and Health Policy, Project: Cost effectiveness of training unselected laypersons in cardiopulmonary resuscitation and defibrillation.

Corinna Haberland MD, Fellowship Program in Health Care Research and Health Policy, Project: Use of information technologies for biodefense.

Ram Duriseti, MD, VA Medical Informatics Fellowship (2002-2004), Project: Inference methods for decision making in the emergency room.

Jon-Erik Holty, MD, VA Ambulatory Care Fellowship (2002-2005), Project: Regionalization of bioterrorism response.

David Buckeridge, MD, VA Medical Informatics Fellowship (and doctoral thesis defense committee), Doctoral Dissertation, Biomedical Informatics, (2002-2005) Thesis: Evaluation of outbreak detection in public health surveillance systems.

Michael Ong, MD, PhD, VA Ambulatory Care Fellowship (2003-2005), Project: Tobacco and health.

Roni Zeiger, MD, PhD, VA Postdoctoral Medical Informatics Fellowship (2003-2006).

Smita Nayak, MD, VA Ambulatory Care Fellowship (2003-2006), Project: Best Practices for Quality Health Care.

Hau Liu MD, Fellowship Program in Health Care Research and Health Policy (2004-2007), Project: Cost effectiveness of treatments for osteoporosis.

Nancy Lin, PhD. Fellowship Program in Health Care Research and Health Policy (2005-2007), Project: Closing the quality gap: care coordination.

Swati Tole MD, (thesis advisor) Fellowship Program in Health Care Research and Health Policy (2005-2008), Project: Cost effectiveness of screening for HIV in Russia.
.
Kanaka D. Shetty MD, VA Ambulatory Care Fellowship (2005-2008), Project: Quality improvement strategies to prevent nosocomial infections.

Katherine Herz, MD, (thesis advisor) Fellowship Program in Health Care Research and Health Policy (2005-2008), Project: Cost effectiveness of alternative therapies for malaria.

Amar Desai MD, Fellowship Program in Health Care Research and Health Policy (2006-2007), Project: Cost effectiveness of alternative strategies for hemodialysis.

Nayer Khazeni MD, (thesis advisor) Fellowship in Pulmonary and Critical Care (2006-2008), Project: The cost effectiveness of prophylactic vaccination and antiviral strategies in a southeast asian avian influenza pandemic.

Eran Bendavid MD, (thesis advisor) Fellowship Program in Health Care Research and Health Policy (2006-2009), Project: Cost effectiveness of alternative strategies to manage HIV disease in developing countries.

Daniella Perlroth, MD, VA Informatics Fellowship (2007-2009), Project: Cost effectiveness of preparedness for pandemic influenza.

Jennifer Schneider, MD, (thesis advisor) VA Physician Post-Residency Fellowship Program in Health Services Research and Development (2007-2010), Project: Cost effectiveness of screening for tuberculosis.

Barrett Levesque, MD, Fellowship Program in Health Care Research and Health Policy (2008-2010), Project: Cost effectiveness of alternative diagnostic strategies for Crohn's disease.

Keane Lee, MD, Cardiovascular Medicine (2008-2010), Project: Cost effectiveness of screening for c-reactive protein in patients at intermediate risk for cardiovascular disease.

Kathleen O'Leary, MD, Fellowship Program in Health Care Research and Health Policy (2008-2011).

Crystal Smith-Spangler, MD, VA Physician Post-Residency Fellowship Program in Health Services Research and Development (2008-2011), Project: Strategies to reduce cardiovascular disease by reducing salt in processed foods.

Vivian Tsai, MD, Fellowship Program in Health Care Research and Health Policy (2009-2011).

Kit Delgado, MD, Fellowship Program in Health Care Research and Health Policy (2009-2012).

C. Torrey Simons, MD, VA Physician Post-Residency Fellowship Program in Health Services Research and Development (2009-2012).

Shanthi Kappagoda, MD, Fellowship Program in Health Care Research and Health Policy (2010-2013), Project: preventing mother-to-child transmission of HIV in resource-limited settings.

Kevin Ericson, MD, Fellowship Program in Health Care Research and Health Policy (2010-2013), Project: Use of statins in patients with chronic kidney disease.

Jonathan Shaw, MD, VA Physician Post-Residency Fellowship Program in Health Services Research and Development (2011-2014).

Suzann Pershing, MD, Fellowship Program in Health Care Research and Health Policy (2011-2013).

Zachary Kastenberg, MD, Fellowship Program in Health Care Research and Health Policy (2011-2014).

Lauren Aquino Shluzas, PhD, VA Postdoctoral Informatics Fellowship (2011-2013).

Kimberly Brayton, MD, Fellowship Program in Health Care Research and Health Policy (2012-2014)

Graham Abra, MD, VA Physician Post-Residency Fellowship Program in Health Services Research and Development (2012 to 2013)

Yan Liu, PhD, VA Postdoctoral Informatics Fellowship (2013 to 2015).

Tiffany Leung, MD, VA Postdoctoral Informatics Fellowship (2013 to 2015).

Megan Vanneman, PhD, VA Postdoctoral Health Services Research Fellowship (2013 to 2015).

Hawre Jalal, PhD, VA Postdoctoral Informatics Fellowship (2013 to 2015).

Manali Patel, MD, VA Physician Post-Residency Fellowship Program in Health Services Research and Development (2013 to 2015).

Graduate Students:

Seema Sonnad (committee), Doctoral Dissertation, Health Economics, University of California, Berkeley

Ryan Harris (advisor), Master's thesis, Health Services Research: Screening patients for HIV infection

Rebecca Lee (committee), Doctoral Dissertation, Engineering-Economic Systems, Thesis: Therapy for HIV Disease

Donna Edwards (committee), Doctoral Dissertation, Engineering-Economic Systems, Thesis: Costs and benefits of vaccination strategies for HIV disease

Gillian Sanders (advisor), Doctoral Dissertation, Medical Information Sciences, Thesis: Automated creation of clinical practice guidelines from decision models

Anke Richter (committee), Doctoral Dissertation, Engineering-Economic Systems, Thesis: Resource allocation in HIV disease

Shyoko Honiden (advisor), Master's thesis, Health Services Research: Quality of life with HIV infection

Jill Frederickson (advisor), Master's thesis, Health Services Research: Cost-effectiveness of virtual colonoscopy for colon cancer screening

Joe Norman (committee), Doctoral Dissertation, Medical Information Sciences

Marcia Tsugawa (committee), Doctoral Dissertation, Engineering Economic Systems and Operations Research, Thesis: Cost effectiveness of vaccine for *Helicobacter pylori*

Greg Zaric (committee), Doctoral Dissertation, Industrial Engineering, Thesis: Resource allocation for epidemic control

Christina Friedrich (committee), Doctoral Dissertation, Industrial Engineering, Thesis: Optimal investment in HIV prevention programs.

Charlotte Haug, MD, PhD. (advisor), Master’s thesis, Health Services Research, Cost effectiveness of screening women for chlamydia trachomatis.

Vilija Gulbinas (advisor), Master’s thesis, Health Services Research: Measurement of quality of life with HIV infection in the era of highly active antiretroviral therapy.

Kyeen Mesesan (committee), Doctoral Dissertation, Department of Epidemiology and Public Health, Yale School of Medicine, New Haven, Connecticut, Thesis: Evaluation of Partially Effective HIV Vaccines.

Elisa Long (committee), Doctoral Dissertation, Department of Management Science and Engineering, Thesis: Modeling HIV interventions.

Piya Sorcar, Doctoral student, School of Education, Project: HIV/AIDS Education.

David Hutton (committee), Doctoral Dissertation, Department of Management Science and Engineering, Thesis: Modeling screening and treatment of hepatitis.

Sabina Alistar (committee), Doctoral student, Department of Management Science and Engineering.

Jessie Juusola (committee), Doctoral student, Department of Management Science and Engineering.

Lauren Cipriano (committee), Doctoral student, Department of Management Science and Engineering.

Shan Liu (committee), Doctoral student, Department of Management Science and Engineering.

Diana Negoescu, Doctoral student, Department of Management Science and Engineering.

Stacie Vilendrer, Medical Student, School of Medicine, Medical Scholars Project, Prenatal genetic testing.

Lusted Award winners: Brian Gage, Donna Edwards, Ida Sim, Gillian Sanders, Dena Bravata, Kyeen Mesesan, Hau Liu, Elisa Long, Sabina Alistar, Kit Delgado

Undergraduate Advising: Freshman and Sophomore Undergraduate Advisor, Stanford University, Stanford, California, 1991 – 2004.

Invited Lectures and Presentations:

1. "Threshold Analysis Using Diagnostic Tests with Multiple Results," Ninth Annual Meeting, Society for Medical Decision Making; Philadelphia, Pennsylvania; October, 1987.

2. "Measures of Test Performance," Department of Medicine, Wright-Patterson Air Force Base; Dayton, Ohio; February, 1988.

3. "Post-test Probability: Bayes' Theorem," Department of Medicine, Wright-Patterson Air Force Base; Dayton, Ohio; February, 1988.

4. "Probability Assessment: Heuristics and Clinical Prediction Rules," Department of Medicine, Wright-Patterson Air Force Base; Dayton, Ohio; February, 1988.

5. "Decision Analysis," Department of Medicine, Wright-Patterson Air Force Base; Dayton, Ohio; February, 1988.

6. "AIDS: Epidemiologic and Therapeutic Concepts," Peking Union Medical College; Beijing, China; March, 1988.

7. "Lung Cancer Staging," Peking Union Medical College; Beijing, China; March, 1988.

8. "Decision Analytic Approach to Lung Cancer Staging," Annual Meeting, American Thoracic Society; Las Vegas, Nevada; May, 1988.

9. "Cost Accounting in Ambulatory Care," Annual Meeting, Veterans Administration Health Services Research and Development Field Program; San Francisco, California; June, 1988.

10. "Decision Analytic Approach to Staging Non-Small Cell (T1) Lung Cancer," Tenth Annual Meeting, Society for Medical Decision Making; Richmond, Virginia; October, 1988.

11. "Invasive versus Non-Invasive Tests For Staging Non-Small Cell Lung Cancer of Unknown Extent: A Decision Analytic Model," (poster presentation) Twelfth Annual Meeting, Society of General Internal Medicine; Washington, D.C.; 1989.

12. "Application of Influence Diagrams in Medical Decision Making," Eleventh Annual Meeting, Society for Medical Decision Making; Minneapolis, Minnesota, October, 1989.

13. "Occupational Risk from HIV and Hepatitis B," Medical Grand Rounds, Veterans Administration Medical Center; San Francisco, California; January 1990.

14. "Occupational exposure to HIV and hepatitis B virus (HBV): A comparative analysis of risk," (poster presentation), Sixth International Conference on AIDS; San Francisco, California; June 20-24, 1990.

15. "Occupational Infection with the Human Immunodeficiency Virus: A Model-Based Analysis of Risk to Surgeons," Operations Research Society of America/The Institute of Management Science (ORSA/TIMS) Joint National Meeting; Philadelphia, Pennsylvania; October 29-31, 1990.

16. "Morbidity and Mortality in the Analysis of Risk: Effect of Incorporation of Preferences for Diminished Health States," Twelfth Annual Meeting, Society for Medical Decision Making; Boston, Massachusetts; November 11-14, 1990.

17. "Identifying Test Alternatives with Value of Information Calculations: Analysis of the Timing of Thoracotomy after Myocardial Infarction," (poster presentation) Twelfth Annual Meeting, Society for Medical Decision Making; Boston, Massachusetts; November 11-14, 1990.

18. "Analysis of Occupational Risk of HIV and Hepatitis B Infection," Medical Grand Rounds, Monterey Hospital; Monterey, California; November 21, 1990.

19. "Methodologic Approaches to Guideline Formulation," Agency for Health Care Policy and Research; Washington, D. C; April 4, 1991.

20. "Model-based Design of Clinical Guidelines: Approaches for Customizing Guidelines," Institute of Medicine; Washington, D. C; April 5, 1991.

21. "Optimal test strategy for staging peripheral non-small cell lung cancer with potential chest wall invasion," (poster presentation) National Meeting, American Federation for Clinical Research; Seattle, Washington, May 3-6, 1991.

22. "Evaluating the Impact of Variation in Clinical Circumstance on Optimal Guideline Development: The Expected Value of Customization," (poster presentation) Thirteenth Annual Meeting, Society for Medical Decision Making; Rochester, New York, October 20 - 23, 1991.

23. "A Model-based Approach for Prioritizing Information Acquisition During Guideline Development," Thirteenth Annual Meeting, Society for Medical Decision Making; Rochester, New York: October 20 - 23, 1991.

24. "Advanced Topics in Probabilistic Medical Reasoning: Influence Diagrams and Belief Networks," Thirteenth Annual Meeting, Society for Medical Decision Making, Rochester; New York, October 20 - 23: 1991.

25. "Health Risks During the Provider-patient Encounter: Analysis of the Hazard form HIV and Hepatitis B Infection," Thirty-third Joint National Meeting, Operations Research Society of America/The Institute of Management Science (ORSA/TIMS); Anaheim, California; November 3 - 6, 1991.

26. "Guideline Development for HIV Disease: Methodologic Issues," Conference on HIV-AIDS Health Services Research and Delivery, Agency for Health Care Policy and Research; Miami, Florida; December 4 - 6, 1991.

27. "HIV Screening for the Public Good," Sixth Annual Stanford Health Policy Forum, Stanford Medical School; Stanford, California; January 25, 1992.

28. "Use of the polymerase chain reaction for the diagnosis of HIV infection in adults: A meta-analytic evaluation of test performance," (poster presentation) Fifteenth Annual Meeting, Society of General Internal Medicine; Washington, D.C.; April 29 - May 1, 1992.

29. "The polymerase chain reaction for the diagnosis of adult HIV infection: Contributions of technical aspects and study population to performance," Dartmouth Summer Institute on Technology Assessment, Dartmouth Medical School; Hanover New Hampshire; July 23 - 24, 1992.

30. "Advanced Topics in Probabilistic Medical Reasoning: Influence Diagrams and Belief Networks," Fourteenth Annual Meeting, Society for Medical Decision Making; Portland, Oregon; October 17 - 20: 1992.

31. "Diagnosis of Pediatric HIV Infection with the Polymerase Chain Reaction: A meta-Analytic Evaluation of Test Performance," Fourteenth Annual Meeting, Society for Medical Decision Making; Portland, Oregon; October 17 - 20: 1992.

32. "HIV Transmission Between Physicians and Patients: Estimating the Risk," Thirty-fourth Joint National Meeting, Operations Research Society of America/The Institute of Management Science (ORSA/TIMS); San Francisco, California; November 1-4, 1992.

33. "Decision Analysis and HIV-Related Health Policy," Thirty-fourth Joint National Meeting, Operations Research Society of America/The Institute of Management Science (ORSA/TIMS); San Francisco, California; November 1 - 4, 1992.

34. "Risk of Hepatitis B Transmission from Athletic Injuries," Sports Medicine Program Grand Rounds; Stanford University, Stanford, California; January 21, 1993.

35. "Technology Assessment: A Case Study and Proposal for Sponsorship of Evaluative Research," Health Services Research Seminar, Stanford University; Stanford, California; February 8, 1993.

36. "Developing a Method for Customizing Screening Guidelines," VA Health Services Research and Development Service Research Career Development Award Conference; Washington, D.C., April 21 - 22, 1993.

37. "Standards and Guidelines for HIV Care," Learning to Choose HIV Therapies, sponsored by the Food and Drug Administration and the Illinois Department of Public Health; Chicago, Illinois; September 8, 1993.

38. "Screening for HIV infection in acute-care settings: Determinants of cost-effectiveness," . Fifteenth Annual Meeting, Society for Medical Decision Making; Research Triangle, North Carolina; October 24 - 27, 1993.

39. "Use of cost-effectiveness and value of information analyses to customize guidelines for specific clinical practice settings," Fifteenth Annual Meeting, Society for Medical Decision Making; Research Triangle, North Carolina; October 24 - 27, 1993.

40. "An Evaluation of the Cost-effectiveness of Screening Physicians for HIV Infection to Prevent Transmission to Patients," Fifteenth Annual Meeting, Society for Medical Decision Making; Research Triangle, North Carolina; October 24 - 27, 1993.

41. "Practice Guidelines: Past Problems and Future Promises," Visiting Professorship, Medical Grand Rounds, University of Hawaii at Manoa, Honolulu, Hawaii; July 19, 1994.

42. "Tailoring Clinical Practice Guidelines for a Specific Practice Setting," Visiting Professorship, University of Hawaii at Manoa, Honolulu, Hawaii; July 20, 1994.

43. "A Practical Guide to Practice Guidelines," Fourteenth Annual Update and Review of Internal Medicine, sponsored by the American College of Physicians and the University of Hawaii at Manoa, Kapalua Maui, Hawaii; July 22 - 26, 1994.

44. "Preventive Medicine: Principles of Screening and Cost-Effectiveness," Fourteenth Annual Update and Review of Internal Medicine, sponsored by the American College of Physicians and the University of Hawaii at Manoa, Kapalua Maui, Hawaii; July 22 - 26, 1994.

45. "Controversies in Screening," Fourteenth Annual Update and Review of Internal Medicine, sponsored by the American College of Physicians and the University of Hawaii at Manoa, Kapalua Maui, Hawaii; July 22 - 26, 1994.

46. "An Overview of Practice Guideline Development," Center for the Evaluative Clinical Sciences, Dartmouth Medical School, Hanover, New Hampshire; October 20, 1994.

47. "Who Should be Screened for HIV: Physicians, Patients, Both, Neither?", Medical Grand Rounds, Stanford University School of Medicine, Stanford, California; November 3, 1994.

48. "Considerations in Adopting Practice Guidelines: Management of HIV in Adolescent Patients," Adolescent Medicine HIV/AIDS Research Network, sponsored by the National Institute for Child Health and Human Development, Bethesda, Maryland; December 8, 1994.

49. "Should Physicians and Patients be Screened for HIV?", Medical Grand Rounds, Marin General Hospital, Greenbrae, California; January 31, 1995.

50. "An Overview of Practice Guidelines: Science and Clinical Wisdom or Witches Brew?" Health Services Research Seminar, Center for Health Care Evaluation, HSR&D Field Program, VA Medical Center, Menlo Park, California; February 3, 1995.

51. "Physicians and Patients: Who Should be Screened for HIV?", Annual Meeting, Institute for Operations Research and the Management Sciences, Los Angeles, California; April 23 - 26, 1995.

52. "Health Care Policy: Past, Present, and Future," Third Annual Clinical Exercise Physiology and Cardiac Rehabilitation Conference, Palo Alto, California; August 11, 1995.

53. "A Model-Based Analysis of the Costs and Benefits of Screening Physicians for HIV," Scientific Decision Making in Health Care, Palo Alto, California; September 22, 1995.

54. "Individualizing Medical Care to Accommodate Diverse Patient Preferences: New Approaches to Preference Assessment and Guideline Development.," Medical Grand Rounds, Stanford University School of Medicine, Stanford, California; October 5, 1995.

55. "Cost-Effectiveness of Third-Generation Implantable Cardioverter-Defibrillators for Prevention of Sudden Cardiac Death," Seventeenth Annual Meeting, Society for Medical Decision Making; Tempe, Arizona; October 14 - 17, 1995.

56. "Health Policy and Managed Care: Implications for the VA," VA Palo Alto Health Care System Management Retreat, Menlo Park, California; December 1, 1995.

57. "How to Order Diagnostic Tests Based on the Evidence," Fourth Annual James Kung Primary Care Conference, Stanford University; Stanford, California; May 18, 1996.

58. "Identification of Patients at High Risk for Sudden Cardiac Death," Eighteenth Annual Meeting, Society for Medical Decision Making, Toronto, Canada; October 13 - 16, 1996.

59. "Sudden Cardiac Death: Evaluation of the Costs and Benefits of the Implantable Cardioverter Defibrillator," Section on Medical Informatics Symposium, Stanford University; Stanford, California; May 6-7, 1997.

60. "Assessment of the Cost Effectiveness of the Implantable Cardioverter Defibrillator: Technology at a Turning Point?," Department of Veterans Affairs Medical Center, West Roxbury, Massachusetts; May 13, 1997.

61. "Preparing to Implement Practice Guidelines," Sierra Pacific Veterans Integrated Service Network, Guideline Implementation Planning Conference, Concord, California; July 16, 1997.

62. "An Analytic Framework for Development of Site-Specific HIV Screening Guidelines," Third Plenary Meeting, European Union Concerted Action on Multinational Scenario Analysis Concerning Epidemiological Social and Economic Impacts of HIV/AIDS on Society, Bilthoven, The Netherlands; October 1-3, 1997.

63. "The Cost Effectiveness of Potential HIV Vaccines," Third Plenary Meeting, European Union Concerted Action on Multinational Scenario Analysis Concerning Epidemiological Social and Economic Impacts of HIV/AIDS on Society, Bilthoven, The Netherlands; October 1-3, 1997.

64. "Sudden Death and the Implantable Defibrillator: Technology at a Turning Point?," Harvard Center for Risk Analysis, Harvard, Massachusetts; May 1, 1998.

65. "Preventing Sudden Cardiac Death with the Implantable Cardioverter Defibrillator: Can We Afford It?," Research Institute, Palo Alto Medical Foundation, May 12, 1998.

66. "Cost-Effectiveness Analysis of HIV Vaccines," Conference on Quantitative Evaluation of HIV Vaccine Programs, Divonne-les-Bains, France, Sponsored by the Societal Institute of the Mathematical Sciences, New Canaan, Connecticut; July 6-8, 1998.

67. "Development and Dissemination of Clinical Policies: Decision Models and Cost-Effectiveness Analysis", Keynote Address, Conference on Methodological Issues in Pharmacoeconomics and Outcomes Research, Roche Global Pharmaceconomics, Palo Alto, California; November 3- 5, 1998.

68. "Development and Dissemination of Clinical Policies: Clinical Trials, Decision Models, and Cost-Effectiveness Analysis", Hematology Division Seminar, Stanford University School of Medicine, Stanford, California; December 2, 1998.

69. "Clinical Guidelines and Decision Support", Workshop on Career Paths in General Internal Medicine Informatics, Twenty-second Annual Meeting, Society for General Internal Medicine, San Francisco, California, April 29 - May 1, 1999.

70. “The Society for Medical Decision Making at the Millennium”, Presidential Keynote Address, Twenty-first Annual Meeting of the Society for Medical Decision Making, Reno, Nevada, October 3-6, 1999.

71. “Costs and Benefits of Potential HIV Vaccines”, Conference on Policy Modeling For Better Decisions: The Public Health Impact and Cost Effectiveness of HIV Intervention Programs, Sponsored by the Societal Institute of the Mathematical Sciences, and the National Institute of Drug Abuse, The Cosmos Club, Washington D. C., January 14, 2000.

72. “Cost effectiveness of the implantable defibrillator in patients who have had myocardial infarction”, American Society for Clinical Investigation and Association of American Physicians Joint Meeting, Baltimore, Maryland, May 5-7, 2000.

73. “Cost effectiveness of positron emission scanning in the evaluation of metastatic colon cancer”, Guy’s Hospital, King’s College, London, England August 4, 2000

74. “Economic Analysis and Public-Health Interventions”, Epidemic Intelligence Service Prevention Effectiveness Course, Centers for Disease Control and Prevention, Atlanta, Georgia, November 8, 2000.

75. “Evaluation of Decision Support Systems for Response to a Bioterrorist Event”, Bioterrorism Contractors’ Meeting, Agency for Healthcare Research and Quality, Washington D.C., November 27, 2000.

76. “Estimating the Cost Effectiveness of Antiretroviral Therapy for Prevention of HIV Transmission”, Centers for Disease Control and Prevention and National Institutes of Health Office of AIDS Research, Consultation on

Antiretroviral Therapy for HIV Prevention, Centers for Disease Control and Prevention, Atlanta, Georgia, December 4, 2000.

76. "Cost effectiveness of Potential HIV Vaccines in High-Risk Populations", National Institute of Drug Abuse Community Epidemiology Working Group Conference, San Francisco, California, December 13, 2000.

77. "Using Cost-Effectiveness Analysis to Develop Practice Guidelines for Specific Clinical Populations", Lille University Hospital, Lille, France, April 20, 2001.

78. "Screening for Helicobacter Pylori to Prevent Gastric Cancer", Lille University Hospital, Lille, France, April 20, 2001.

79. "Population Health Benefits and Costs of Potential Preventive and Therapeutic HIV Vaccines", 9th International Conference on AIDS, Cancer and Related Problems, St. Petersburg, Russia, May 27-June 1, 2001.

80. "Evaluating the Cost and Benefits of Potential Preventive and Therapeutic HIV Vaccines", Department of Medicine Research Conference, Stanford University, Stanford, California, November 5, 2001.

81. "Health Care System Preparedness for Bioterrorism", California Biodefense Forum, Berkeley, California, November 10, 2001.

82. "Bioterrorism: Are We Prepared?", World Affairs Council of Northern California, San Francisco, California, November 15, 2001.

83. "Technology Assessment and Clinical Decision Making", Center for Health Care Evaluation Research Conference, VA Health Care System, Palo Alto, November 27, 2001.

84. "Cost Effectiveness of HIV Screening in the VA", Department of Veterans Affairs National HIV Quality Enhancement Research Initiative Executive Committee Meeting, Orlando, Florida, December 12-13, 2001.

85. "Costs and Benefits of Potential HIV Vaccines", HIV Vaccine Consultation, Centers for Disease Control and Prevention, Atlanta, Georgia, January 16-17, 2002.

86. "Comprehensive Systematic Reviews: Methods of Stanford-UCSF Evidence-Based Practice Center," Center for Information Technology Leadership, Partners Healthcare System, Boston, Massachusetts, July 23, 2002.

87. "Costs and Benefits of Partially Effective HIV Vaccines", HIV Vaccine Consultation, World Health Organization, Geneva, Switzerland, November 20-21, 2002.

89. "Affordable Benefits Package for Universal Health Care", Integrated Healthcare Association, Oakland California, January 29,2003.

90. "Seroprevalence of HIV Infection at VA Health Care Systems", Twenty-fifth Annual Meeting, Society for Medical Decision Making, Chicago, Illinois, October 19-22, 2003.

91. "An Overview of Evidence-Based Practice Centers", VA National Quality Enhancement Research Initiative (QUERI) Meeting, Washington D.C., December 17-19, 2003.

92. "Cost Effectiveness of Screening for HIV in Acute Care Settings", VA National Quality Enhancement Research Initiative (QUERI) Meeting, Washington D.C., December 17-19, 2003

93. "HIV Testing and Counseling in the VA: Implications for Screening Guidelines", Veterans Health Administration Public Health Strategic Health Care Group Retreat, Washington D.C., December 17, 2003.

94. "Changing Clinical and Health Policy with Modeling," 12th International Conference on AIDS, Cancer, and Related Problems, St. Petersburg Russia, May 24-31, 2004.

95. “Cost Effectiveness of Partially Effective HIV Vaccines in the Era of Highly Active Antiretroviral Therapy” 12th International Conference on AIDS, Cancer, and Related Problems, St. Petersburg Russia, May 24-31, 2004.

96. “Bioterrorism Preparedness and Response,” Young President’s Organization, Menlo Park, California, January 12, 2005.

97. “Cost Effectiveness of the Implantable Cardioverter Defibrillators (ICD) for Secondary Prevention of Sudden Cardiac Death,” ICD Cost Effectiveness Think Tank, Sponsored by Duke University, Washington, D.C., March 21-22, 2005.

98. “The Threat from Bioterrorism,” Stanford Institute for International Studies, International Day, Stanford University, May 6, 2005.

99. “Cost effectiveness of screening for HIV in the era of highly active antiretroviral therapy in the United States,” 14th International Conference on AIDS, Cancer, and Related Problems, St. Petersburg Russia, May 23-27, 2005.

100. “Future directions for screening policy for HIV”, 2005 National HIV Prevention Conference, June 12-15, Atlanta, Georgia.

101. “Evaluating the Benefits and Costs of HIV Screening: Why Voluntary HIV Screening Should be Routinely Offered in Health Care Settings”, University of California San Francisco, Department of Medicine Grand Rounds, September 8, 2005.

102. “Rating the Strength of a Body of Evidence”, Evidence-Based Practice Centers Director’s Meeting, Agency for Healthcare Research and Quality, Gaithersburg, Maryland, March 23, 2006.

103. “Is Screening for HIV Worth the Costs? Lessons from the United States,” Freeman Spogli Institute for International Studies, Stanford University, April 20, 2006.

104. “Economic analysis and cost effectiveness of HIV screening,” 2006 National Sexually Transmitted Disease Prevention Conference, May 10, 2006, Jacksonville, Florida.

105. “Preparing for bioterrorism: Does syndromic surveillance work?”, A World At Risk, Second Annual International Conference, Freeman Spogli Institute for International Studies, November 16, 2006, Stanford University, Stanford, California.

106. “Translating Evidence into Policy and Practice,” Judging the Evidence: Standards for Determining Clinical Effectiveness, A Workshop of the Institute of Medicine Roundtable on Evidence-Based Medicine, Institute of Medicine, February 5, 2007, Washington D.C.

107. “Evaluating the benefits and costs of HIV Screening: Why voluntary HIV screening should be routinely offered in health care settings,” Infectious Disease Seminar, VA San Francisco Health Care System, San Francisco, California, February 7, 2007.

108. “Research in HSR&D,” VA Health Services Research and Development National Meeting 2007, Arlington, Virginia, February 22, 2007.

109. “Biodefense”, Annual Continuing Medical Education Symposium, Stanford University Medical Center Alumni Association, Stanford University, May 5, 2007.

110. “Grading Strength of Evidence for a Body of Literature,” Evidence-Based Practice Centers Methods Meeting, Agency for Healthcare Research and Quality, Gaithersburg, Maryland, June 15, 2007.

111. “Screening Mammography in Women 40 to 49: Development of a Guideline from the American College of Physicians”, Breast Cancer Grand Rounds, Stanford University, Stanford, California, August 10, 2007.

112. “Evidence-Based Comparative Effectiveness in the United States – Where Is It Going and What Role Should the Society for Medical Decision Making Play?,” 29th Annual Meeting of the Society for Medical Decision Making, Pittsburgh, Pennsylvania, October 20, 2007.

113. “HIV in Russia: Drugs, Sex, and Democracy,” Freeman Spogli Institute for International Studies, Stanford University, Stanford, California, November 15, 2007.

114. “The end of risk-based screening for HIV? Evaluating the costs and benefits of routine HIV screening in health care settings,” Medicine Grand Rounds, VA Greater Los Angeles Healthcare System, Los Angeles, California, December 5, 2007.

115. “Do the benefits of screening mammography outweigh the harms in women 40 to 49 years of age? New recommendations from the American College of Physicians”, Women’s Health Medical Forum, Stanford University, Stanford, California, January 9, 2008.

115. “Anatomy of a guideline: The making (and remaking) of the new American College of Physicians’ guideline on screening mammography in 40 to 49 year-old women. Research-in-Progress Seminar, Center for Primary Care and Outcomes Research, Stanford University, Stanford, California, January 16, 2007.

116. “Failing in many ways? Detection and response for anthrax bioterrorism,” Center for International Security and Cooperation, Freeman Spogli Institute for International Studies, Stanford University, Stanford, California, January 22, 2008.

117. “The end of risk-based screening for HIV? The evidence for routine opt-out screening for HIV in health-care settings,” Department of Medicine Grand Rounds, Stanford University, Stanford, California, January 23, 2008.

118. “Translation of research into practice: Cost effectiveness and infectious diseases,” American College of Physicians Annual Meeting 2008, Washington D.C., May 15, 2008.

119. “Anatomy of a guideline: Systematic reviews and rating the quality of evidence and strength of recommendations,” Agency for Healthcare Research and Quality, Washington D. C., September 8, 2008.

120. “Cost effectiveness and infectious disease: Is there a case for routine HIV screening?” Infectious Disease Citywide Conference, Ochsner Health System, New Orleans, Louisiana, February 20, 2009.

121. “The end of risk-based screening for HIV? The evidence for routine opt-out screening for HIV in health-care settings,” Department of Medicine Grand Rounds, Louisiana State University, New Orleans, Louisiana, February 20, 2009.

122. “Guideline Update: Screening mammography in women 40 to 49 years of age” Internal Medicine 2009, American College of Physicians, Philadelphia, Pennsylvania, April 23, 2009.

123. “Screening mammography in women 40 to 49 years of age” Medical Grand Rounds, Department of Veterans Affairs Greater Los Angeles Healthcare System, VA West Los Angeles Healthcare Center, March 10, 2010.

124. “Health care reform and comparative effectiveness research” Joint symposium sponsored by the Institute of Medicine, the McKinsey & Company, and Stanford Health Policy, San Francisco, California, March 24, 2010.

126. “Clinical practice guidelines and a systematic review data repository”, Tufts New England Medical Center Evidenced-based Practice Center, and Agency for Healthcare Research and Quality, Boston, Massachusetts, June 3, 2010.

127. “Model-based analyses of HIV vaccines with efficacy similar to RV144” AIDS Vaccine 2010, Satellite Symposium, Centers of Disease Control and Prevention and UNAIDS, Atlanta, Georgia, September 28, 2010.

128. “Eisenberg award lecture: successes and opportunities in decision modeling”, 32nd Annual Meeting of the Society for Medical Decision Making, Toronto, Canada, October 26, 2010.

129. “Comparative effectiveness of therapies for stable ischemic heart disease”, Comparative Effectiveness Working Group Meeting, Agency for Health Care Research and Quality, Washington, D.C., December 8-9, 2010.

130. “Decision Modeling and comparative effectiveness”, Robert Wood Johnson Faculty Scholars Program Conference, February 23, 2011, Palo Alto, California.

131. “Initial steps in the systematic review process”, Institute of Medicine Workshop on Systematic Reviews, Washington D.C., May 10-11, 2011.

132. “Technology assessment: An overview”, China Senior Health Care Executive Education Program, Stanford University, Stanford, California, May 24, 2011.

133. “A technology assessment case study: Evaluating the cost effectiveness of the implantable cardioverter defibrillator”, China Senior Health Care Executive Education Program, Stanford University, Stanford, California, May 14, 2011.

134. “The end of mammography? Guidelines for screening for breast cancer in 40 to 49 year-old women”, Medicine Grand Rounds, Stanford University, Stanford, California, May 29, 2013.

135. “The end of mammography? Guidelines for screening for breast cancer in 40 to 49 year old women”, Medicine Grand Rounds, Cleveland Clinic, Cleveland, Ohio, August 22, 2013.

136. “High-Value Cost Conscious Care: Evaluating the Benefits, Harms, and Costs of Medical Interventions”, Cleveland Clinic, Cleveland, Ohio, August 22, 2013.

Grants and Awards

1. Grant Title: Policy Analysis of HIV Screening and Intervention
Principal Investigator: Margaret Brandeau
Project Management: Margaret Brandeau
Agency: University of California, Universitywide Task Force on AIDS
ID Number: AIDS R90ST020
Term: July 1990 to July 1992
Position: Co-investigator

2. Grant Title: Analysis of the performance of the polymerase chain reaction as a screening/ diagnostic test for human immunodeficiency virus infection
Principal Investigator: Douglas K. Owens
Project Management: Douglas K. Owens
Agency: VA Center for Health Care Evaluation: HSR&D Field Program, Palo Alto
ID Number: OWE0001
Term: March 1991 to September 1991

3. Grant Title: Screening for Human Immunodeficiency Virus
Principal Investigator: Douglas K. Owens
Project Management: Douglas K. Owens
Agency: Health Services Research and Development Service, Department of Veterans Affairs
ID Number: IIR #91-044
Term: July 1991 to October 1992

4. Grant Title: A Dissemination Model for Faculty Development to improve Ambulatory Care Education at Western Region VAMCs.
Principal Investigator: Douglas K. Owens, M.D.
Project Management: Georgette Stratos, Ph.D.

Agency: Department of Veterans Affairs
ID Number: ACE proposal 91-03
Term: January 1992 to December 1993

5. Grant Title: Cost-Effectiveness of HIV Screening
Principal Investigator: Douglas K. Owens
Project Management: Douglas K. Owens
Agency: VA Center for Health Care Evaluation: HSR&D Field Program, Palo Alto
ID Number: OWE0001
Term: March 1992 to September 1992

6. Grant Title: Evaluation of Diagnostic Tests for HIV Infection
Principal Investigator: Douglas K. Owens
Project Management: Douglas K. Owens
Agency: NIH
ID Number: 5P30 AI 27762-04
Term: August 1992 to August 1993

7. Grant Title: Guidelines for HIV Screening
Principal Investigator: Douglas K. Owens
Project Management: Douglas K. Owens
Agency: Agency for Health Care Policy and Research
ID Number: 1 R03 HS07232-01
Term: September 1992 to February 1994

8. Grant Title: Costs and Benefits of Screening for HIV Infection (Career Development Award)
Principal Investigator: Douglas K. Owens
Agency: VA Health Services Research and Development Service
ID Number: 92-308A
Term: October 1992 to September 1995

9. Grant Title: VA Ambulatory Care Fellowship Program
Program Director: Douglas K. Owens
Agency: VA Office of Academic Development
Term: July 1993 to June 2007

10. Grant Title: Women, Adolescents and HIV Infection: Cost/Benefit Analysis
Principal Investigator: Douglas K. Owens
Agency: Universitywide AIDS Research Project, University of California
Term: January 1993 to June 1994

11. Grant Title: Development and evaluation of a physician's computer workstation for use in the General Medical Clinic at the VA Medical Center, Palo Alto
Principal Investigator: Douglas K. Owens
Agency: Department of Veterans Affairs
Term: October 1993 to September 1995

12. Grant Title: Cost-Effectiveness Analysis of Warfarin and Aspirin in Elderly Patients with Nonvalvular Atrial Fibrillation
Principal Investigator: Douglas K. Owens
Agency: Palo Alto Institute for Research and Education
Term: October 1993 to September 1994

13. Grant Title: An Evaluation of the Costs and Benefits of Screening Inpatients for HIV Infection
Principal Investigator: Douglas K. Owens
Agency: Palo Alto Institute for Research and Education
Term: May 1994 to April 1995

14. Grant Title: Cardiac Arrhythmia PORT
Principal Investigator: Mark A. Hlatky
Agency: Agency for Health Care Policy and Research
ID Number: 1 R01 HS08362-01
Term: 8/01/94 - 7/31/00
Position: Co-investigator

15. Grant Title: VA Medical Informatics Postdoctoral Fellowship Program
Program Director: Douglas K. Owens
Agency: VA Office of Academic Development
Term: July 1995 to June 2007

16.Grant Title: Prevention of Sudden Cardiac Death
Principal Investigator: Douglas K. Owens
Agency: VA Health Services Research and Development
ID Number:
Term: 10/1/95 to 9/30/99

17.Grant Title: Public Health Impact and Cost-Effectiveness of HIV Interventions
Principal Investigator: Margaret Brandeau (Stanford subcontract), Douglas K. Owens (Co-Principal Investigator, Stanford subcontract)
Agency: NIDA
ID Number: 1-R01-DA09531
Term: 6/15/96 to 4/30/2001

18. Grant Title: Cost effectiveness: Vaccine Interventions for Prevention of Gastric Cancer
Principal Investigator: Douglas K. Owens; Julie Parsonnet (Co-Principal Investigator)
Agency: Centers for Disease Control and Prevention
ID Number: 97FED09763
Term: 9/5/97 to 9/30/00

19. Grant Title: 18-F-Fluorodeoxyglucose (FDG) Positron Emission Tomography (PET) Imaging in Patients with Solitary Pulmonary Nodules (economic sub-study)
Co-Investigator: Douglas K. Owens
Agency: VA
ID Number: VA Cooperative Study 327
Term: 6/1/98 to 12/31/2004

20. Grant Title: Valley Fever Vaccine Project
Principal Investigator: Douglas K. Owens
Agency: Cal State Bakersfield Foundation
ID Number: NA
Term: 6/1/99 to 10/1/99

21. Grant Title: Identification of HIV Infection among Veterans
Principal Investigator: Douglas K. Owens
Agency: Department of Veterans Affairs
ID Number: 99-047-1
Term: 10/1/99 to 3/31/04

22. Grant Title: Evaluation of the cost effectiveness of a PET-FDG strategy before hepatic resection for colorectal metastases, Subcontract to Stanford: Diagnostic Simulation Model
Principal Investigator: Gillian Sanders,
Agency: BFG Funding Agency, Guy's and St. Thomas Hospital Trust
Term: 4/1/99 to 9/30/00
Position: Co-investigator

23. Grant Title: Computer-based guidelines to prevent sudden cardiac death
Principal Investigator: Gillian Sanders; Co-Principal Investigator: Douglas K. Owens
Agency: Agency for Healthcare Research and Quality
ID Number: R01 HS10623-01A1
Term: 9/30/00 to 8/31/03

24. Contract Title: Bioterrorism: Use of decision support systems.
Principal Investigator: Douglas K. Owens
Agency: Agency for Healthcare Research and Quality
ID Number: 290-97-0013
Term: 9/30/00 to 9/29/02

25. Grant Title: Economic Substudy Tri-National Trial 1: Options in Management with Anti-Retrovirals (TNT-1: OPTIMA) VA Cooperative Study No. 512:
Principal Investigator: Douglas K. Owens
Agency: Department of Veterans Affairs
ID Number: Cooperative Study 512
Term: 4/1/01 to 3/31/07

26. Contract title: Stanford-UCSF Evidence Based Practice Center (Master Agreement)
Principal Investigator: Douglas K. Owens
Agency: Agency for Healthcare Research and Quality
ID Number: 290-02-0017
Term: 06/17/02-06/30/07

27. Grant Title: Making Better Decisions: Policy Modeling for AIDS and Drug Abuse
Principal Investigator: Douglas K. Owens
Agency: National Institutes of Health
ID Number: 1 R01 DA15612-01
Term: 9/25/02 to 6/30/07

28. Contract Title: Evidence Report on Regional Models for Bioterrorism Preparedness.
Principal Investigator: Douglas K. Owens
Agency: Agency for Healthcare Research and Quality
ID Number: 290-97-0017
Term: 11/30/02 to 5/29/04

29. Grant Title: Cost Effectiveness of HIV Screening and Treatment in the Elderly. Supplement to Center on the Economics and Demography of Health and Aging
Principal Investigator: Douglas K. Owens (Supplement); Alan Garber, PI (Center on the Economics and Demography of Health and Aging)
Agency: National Institutes of Health
ID Number: 3 P30 AG17253-04S3
Term: 9/30/02 to 6/30/04

30. Contract Title: Evidence Report on Best Practices for Quality Health Care.
Principal Investigator: Douglas K. Owens
Agency: Agency for Healthcare Research and Quality
ID Number: 290-02-0017, Task Order No. 3
Term: 5/30/03 to 5/30/07

31. Grant Title: Making Better Decisions: Policy Modeling for AIDS and Drug Abuse, Supplement 02 S1
Principal Investigator: Douglas K. Owens
Agency: National Institutes of Health
ID Number: 1 R01 DA15612-01

Term: 7/1/03 to 6/30/07

32. Grant Title: Improving HIV Screening with Nurse-Based Rapid Testing and Streamlined Counseling
Principal Investigator: Steven Asch; Co-Principal Investigator: Douglas K. Owens
Agency: Department of Veterans Affairs
ID Number: IIR 04-023-1
Term: 5/1/05 to 11/1/07

33. Contract title: Comparative effectiveness reviews for MMA Section 1013
Principal Investigator: Douglas K. Owens
Agency: Agency for Healthcare Research and Quality
ID Number: 290-02-0017, Task Order No. 5
Term: 6/15/2005 to 9/30/08

34. Contract title: Diagnosis and Management of Pediatric Anthrax
Principal Investigator: Douglas K. Owens
Agency: Agency for Healthcare Research and Quality
ID Number: 290-02-0017, Task Order No. 4
Term: 5/16/2005 to 3/15//06

35. Grant Title: VA Physician Post-Residency Fellowship in Health Services Research and Development
Principal Investigator: Douglas K. Owens (Program Director)
Agency: VA Office of Academic Affairs
Term: 7/1/2006 to 6/30/2011

36. Grant Title: VA Palo Alto Center for Translational Research in Chronic Viral Infections
Principal Investigator: Mark Holodniy
Agency: Department of Veterans Affairs
Term: 10/1/2006 to 9/30/2010
Role: Co-investigator

37. Grant Title: Making Better Decisions: Policy Modeling for AIDS and Drug Abuse
Principal Investigator: Douglas K. Owens
Agency: National Institutes of Health
ID Number: 2 R01 DA15612-016
Term: 7/9/07 to 6/30/13

38. Grant Title: Stanford Center for Clinical and Translational Education and Research (SCCTR)
Principal Investigator: Harry B. Greenberg
Agency: National Institutes of Health
ID Number: 2UL1 RR025744
Term: 5/19/08-4/30/2013
Role: Co-investigator, Community Engagement

39. Grant Title: Evaluation of Computerized Decision Support for Managing Lung Nodules
Principal Investigator: Michael Gould
Agency: National Institutes of Health
ID Number: 2R01CA117840
Term: 6/27/05-2/28/11
Role: Co-investigator

40. Grant Title: Comparative effectiveness of ART for HIV in patients with comorbidities
Principal Investigator: Douglas K. Owens
Agency: National Institutes of Health
ID Number: 1RC1AI086927-01
Term: 9/26/09 to 9/26/2012

41. Grant Title: Evaluation of the HSR&D Career Development Program
Principal Investigator: John w. Finney
Agency: VA HSR&D Service
ID Number: SDR 10-182
Term: 7/1/2010 to 12/31/2011
Role: Co-investigator

42. Grant title: Training Program in Health Services Research
Principal Investigator: Douglas K. Owens
Agency: Agency for Healthcare Research and Quality
ID Number: T32 HS 000028
Term: 6/30/2014

43. Grant Title: Management of HIV as chronic disease
Principal Investigator: Douglas K. Owens
Agency: VA HSR&D Service
ID Number: IIR 11-045-2
Term: 5/1/2012 to 4/31/2014

44. Grant title: Phase II Evaluation of the VA Health Services Research and Development Career Development Program
Principal Investigator: Ruth Cronkite
Agency: VA HSR&D Service
ID Number: SDR 11-439-1
Term: 1/1/2013 to 6/30/2015
Role: Co-investigator

45. Grant Title: Cost-effective Uses of New Hepatitis C Treatments and their VA Budgetary Impact
Principal Investigator: Douglas K. Owens
Agency: VA HSR&D Service
ID Number: IIR 12-059-2
Term: 6/1/2013 to 5/30/2016

46. Grant Title: Making Better Decisions: Policy Modeling for AIDS and Drug Abuse
Principal Investigator: Douglas K. Owens
Agency: National Institutes of Health
ID Number: 2 R01 DA015612-011
Term: 5/1/2013 to 1/31/2018

BIBLIOGRAPHY

DOUGLAS K. OWENS, M.D., M.S.

Journal Articles

1. Coull BK, Owens DK and Cutler RWP. Release of amino acids into the vitreous in the intact albino rat: Effect of photic stimulation, potassium and ouabain. Brain Research 1981; 210:301-309.

2. Cochi SL, Markowitz LE, Joshi DD, Owens RC Jr, Stenhouse DH, Regmi DN, Shrestha RPB, Acharya IL, Manandhar M, Gurubacharya VL, Owens D, Reingold AL. Control of epidemic group A meningococcal meningitis in Nepal. International Journal of Epidemiology 1987; 16:91-97.

3. Haponik EF, Sox HC, Lillington G, Owens DK, Gottlieb J, Reichman L, Jordan T, Colice G. Decision analysis for chest clinicians (Symposium). American Review of Respiratory Disease 1988; 138:1058-1060.

4. Owens, DK, Sox HC Jr, Inouye SK. Strategies for test selection in the staging of lung neoplasms. Seminars in Respiratory Medicine 1989; 10:195-202.

5. Nease RF Jr, Owens DK, Sox HC Jr. Threshold analysis using diagnostic tests with multiple results. Medical Decision Making 1989; 9:91-103.

6. Nease RF, Owens DK. Assessment and representation of prior beliefs: Unexpected implications of the uniform distribution. Medical Decision Making 1990; 10:112-114.

7. Brandeau ML, Lee HL, Owens DK, Sox CH, Wachter RM. Policy analysis of human immunodeficiency virus screening and intervention: An overview of modeling approaches. AIDS Public Policy Journal 1990; 5: 119-131.

8. Brandeau ML, Lee HL, Owens DK, Sox CH, Wachter RM. A policy model of human immunodeficiency virus screening and intervention. Interfaces 1991; 21: 5-25.

9. Owens DK, Nease RF. Occupational exposure to human immunodeficiency virus (HIV) and hepatitis B (HBV): A comparative analysis of risk. American Journal of Medicine 1992; 92: 503-512.

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206. McDonald KM, Sundaram V, Smith-Spangler C, Albin L, Bravata DM, Owens DK. Care coordination: what works? Harnessing a vast literature through a systematic review of systematic reviews. European Society for Medical Decision Making, 2010.

207. Lee KK, Cipriano LE, Owens DK, Go AS, Hlatky MA. Cost effectiveness of using high sensitivity c-reactive protein to identify intermediate and low cardiovascular risk individuals for statin therapy. American Heart Association Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke Scientific Sessions, Washington D.C. May 19-21, 2010.

208. Cipriano LE, Zaric GS, Owens DK, Brandeau ML. Cost effectiveness of screening for acute HIV and HCV infection in injection drug users. Society for Medical Decision Making Annual Meeting 2010, Toronto, Canada, October 23-27, 2011. Abstracts available at: http://smdm.confex.com/smdm/2010on/webprogram/meeting.html

209. Smith-Spangler CM, Sundaram V, Albin L, Owens DK, McDonald KM. Care coordination: what works? Making sense of a vast literature via a systematic review of reviews. Society for Medical Decision Making Annual Meeting 2010, Toronto, Canada, October 23-27, 2010. Abstracts available at: http://smdm.confex.com/smdm/2010on/webprogram/meeting.html

210. Bayoumi AM, Joyce VR, Barnett PG, Griffin SC, Sun H, Sanders GD, Bansback NJ, Holodniy M, Brown ST, Kyriakides TC, Sculpher M, Anis AH, Owens DK. Cost effectiveness of novel antiretrovirals for human immunodeficiency virus infection. Society for Medical Decision Making Annual Meeting 2010, Toronto, Canada, October 23-27, 2010. Abstracts available at: http://smdm.confex.com/smdm/2010on/webprogram/meeting.html

211. Hutton DW, Khazeni N, Garber AM, Owens DK. Cost effectiveness of stockpiling protective facewear for an influenza pandemic. Society for Medical Decision Making Annual Meeting 2010, Toronto, Canada, October 23-27, 2010. Abstracts available at: http://smdm.confex.com/smdm/2010on/webprogram/meeting.html.

212. Freeman JV, Zhu RP, Bobulsky SC, Owens DK, Garber AM, Turakhia MP. Cost-effectiveness of Dabigatran for Stroke Prevention in Nonvalvular Atrial Fibrillation. Oral presentation at Heart Rhythm Society Scientific Sessions, May 14, 2010.

213. Turakhia MP, Zhu RP, Bobulsky SC, Owens, DK, Garber AM, Al-Ahmad A, Wang PJ, Freeman JV. Cost-effectiveness of percutaneous left atrial appendage occlusion for atrial fibrllation. Poster presentation at CARDIOSTIM Scientific Sessions, Nice, France, June 14, 2010.

214. Negoescu DM, Owens DK, Brandeau ML, Bendavid E. Balancing cardiac risk and immunologic benefits in decisions on HIV antiretroviral treatment initiation. Society for Medical Decision Making Annual Meeting 2011, Chicago, Illinois, October 23-26, 2011. Abstract available at: http://smdm.confex.com/smdm/2011ch/webprogram/Paper6341.html

215. Juusola JL, Brandeau ML, Long EF, Owens DK, Bendavid E. The cost effectiveness of symptom-based testing and routine screening for acute HIV infection in men who have sex with men in the United States. Society for Medical Decision Making Annual Meeting 2011, Chicago, Illinois, October 23-26, 2011. Abstract available at: http://smdm.confex.com/smdm/2011ch/webprogram/Paper6399.html

216. Juusola JL, Brandeau ML, Owens DK, Bendavid E. The cost effectiveness of preexpoaure prophylaxis for HIV prevention in men who have sex with men in the United States. Society for Medical Decision Making Annual Meeting 2011, Chicago, Illinois, October 23-26, 2011. Abstract available at: http://smdm.confex.com/smdm/2011ch/webprogram/Paper6597.html

217. Simons CT, Cipriano LE, Shah UR, Hlatky MA, Garber AM, Owens DK. Transcatheter aortic valve implantation should change the management of non-surgical aortic stenosis candidates. Society for Medical Decision Making Annual Meeting 2011, Chicago, Illinois, October 23-26, 2011. Abstract available at: http://smdm.confex.com/smdm/2011ch/webprogram/Paper6391.html

218. Shluzas LA, Cronkite RC, Chambers D, Owens DK, Goldstein MK. Implementation of the ATHENA-HTN Clinical Decision Support System [Abstract]. In: 2012 Proceedings of AMIA Summit on Clinical Research Informatics, San Francisco, CA, March 21-23, 2012.

219. Long EF, Andersson KM, Chen RT, Glasser JW, Hankins CA, Owens DK. A model-based consensus on the impact of an RV144-like HIV vaccine in diverse epidemic settings. Proceedings of the XIX International AIDS Conference, July 22-27, Washington DC, USA. (under review).

220. Niehaus K, Bavinger C, Desai M, Bendavid E, Joyce V, Olshen RA, Olkin I, Holodniy M, Bayoumi A, Owens DK. The Effectiveness of New HIV Antiretroviral Drugs in Treatment- Experienced Patients: A Meta-analysis of Randomized, Controlled Trials. Proceedings of the XIX International AIDS Conference, July 22-27, Washington DC, USA.

221. Shluzas LA, Cronkite RC, Chambers D, Owens DK, Goldstein MK. Recommendations for the future implementation of clinical decision support systems and IT-based quality improvement initiatives. American Medical Informatics Association (under review).

222. Shaw JG, Goldhaber-Fiebert J, Yore M, Faruque S, Caughey AB, Owens DK. Cost effectiveness of routine use of magnesium sulfate for seizure prophylaxis in mild preeclampsia. Proceedings of the Society for Medical Decision Making Annual Meeting 2012, Phoenix Arizona, October 17-20, 2012.

223. Erickson DF, Japa S, Owens DK, Chertow GM, Garber A, Goldhaber-Fiebert JD. A cost effectiveness analysis of statins for preventing cardiovascular disease in patients with chronic kidney disease. Proceedings of the Society for Medical Decision Making Annual Meeting 2012, Phoenix Arizona, October 17-20, 2012.

224. Kastenberg ZJ, Hurley MP, Luan A, Vasu-Devan V, Owens DK, Goldhaber-Fiebert JD. The cost effectiveness of MRI in the diagnosis of acute appendicitis during pregnancy: a guide for surgical decision making. Proceedings of the Society for Medical Decision Making Annual Meeting 2012, Phoenix Arizona, October 17-20, 2012.

225. Pershing S, Matesic B, Enns E, Owens DK, Goldhaber-Fiebert JD. Cost-effectiveness of treatment options for diabetic macular edema. Proceedings of the Society for Medical Decision Making Annual Meeting 2012, Phoenix Arizona, October 17-20, 2012 (under review).

223. Shluzas, L.A., M.K. Goldstein, D.K. Owens, and J.P.A. Ioannidis. "Examining parameters that impact incremental cost-effectiveness ratios," Proceedings of the Society for Medical Decision Making Annual Meeting 2012, Phoenix Arizona, October 17-20, 2012.

Other Committees and Presentations

1. Abstract Selection Committee, Fifteenth Annual Meeting, Society for Medical Decision Making; Research Triangle, North Carolina; October 24 - 27, 1993.

2. Technology Assessment Steering Committee, Stanford University Hospital 1993 – 1995

2. Session Chair, Sixteenth Annual Meeting, Society for Medical Decision Making; Cleveland, Ohio; October 16 - 19, 1994.

3. Abstract Selection Committee, Sixteenth Annual Meeting, Society for Medical Decision Making; Cleveland, Ohio; October 16 - 19, 1994.

4. Session Chair, Decision Making for HIV/AIDS, Annual Meeting, Institute for Operations Research and the Management Sciences, Los Angeles, California; April 23 - 26, 1995.

5. Session Chair, Medical Decision Making, Eighteenth Annual Meeting, Society of General Internal Medicine, San Diego, California; May 4 - 6, 1995.

6. Abstract Selection Committee, Eighteenth Annual Meeting, Society of General Internal Medicine, San Diego, California; May 4 - 6, 1995.

7. Awards Committee, Eighteenth Annual Meeting, Society of General Internal Medicine, San Diego, California; May 4 - 6, 1995.

8. Awards Committee, National Research Service Award (NRSA) Trainee Research Conference, Chicago, Illinois; June 3, 1995.

9. Session Chair, Health Services Research, National Research Service Award (NRSA) Trainee Research Conference; Chicago, Illinois; June 3, 1995.

10.Chair, Abstract Selection Committee, National Research Service Award (NRSA) Trainee Research Conference; Chicago, Illinois; June 3, 1995.

11. Session Chair, Cardiac Rehabilitation and Health Care Reform, Third Annual Clinical Exercise Physiology and Cardiac Rehabilitation Conference, Palo Alto, California; August 11, 1995.

12. Session Co-chair, Seventeenth Annual Meeting, Society for Medical Decision Making; Tempe, Arizona; October 14 - 17, 1995.

13. Awards Committee, Seventeenth Annual Meeting, Society for Medical Decision Making; Tempe, Arizona; October 14 - 17, 1995.

14. Co-Chair, Abstract Selection Committee for Medical Decision Making and Cost-Effectiveness Analysis, Nineteenth Annual Meeting, Society for General Internal Medicine, Washington, D.C.; May 2-4, 1996.

15. Awards Committee, Nineteenth Annual Meeting, Society for General Internal Medicine, Washington, D.C.; May 2-4, 1996.

16. Planning Committee, Second Annual National Research Service Award (NRSA) Trainee Research Conference, Atlanta, Georgia; June 8, 1996.

17. Awards Committee, Second Annual National Research Service Award (NRSA) Trainee Research Conference, Atlanta, Georgia; June 8, 1996.

18. Awards Committee, Eighteenth Annual Meeting, Society for Medical Decision Making; Toronto, Ontario, Canada; October 13 - 16, 1996.

19. Abstract Selection Committee, Eighteenth Annual Meeting, Society for Medical Decision Making; Toronto, Ontario, Canada; October 13 - 16, 1996.

20. Scientific Program Committee, Eighteenth Annual Meeting, Society for Medical Decision Making, Toronto, Canada; October 13 - 16, 1996.

21. Session Co-chair, Methods in Medical Decision Making, Eighteenth Annual Meeting, Society for Medical Decision Making; Toronto, Ontario, Canada; October 13 - 16, 1996.

22. Planning Committee, VA Health Services Research and Development Service Annual meeting; Washington D.C., February 12 - 14, 1997.

22. Scientific Program Co-chair, Fifth Annual VA HSR&D Career Development and Research Scientist Awardees Conference, Washington DC; February 12, 1997.

23. Abstract Selection Committee, Twentieth Annual Meeting, Society for General Internal Medicine, Washington, D.C.; May 1 - 3, 1997.

24. Sierra Pacific Veterans Integrated Service Network Task Force on Physician Productivity (November 1996 – present).

25. Selection Committee, Research Methods Workshops, Twentieth Annual Meeting, Society for General Internal Medicine, Washington, D.C.; May 1 - 3, 1997.

26. Awards Committee, Twentieth Annual Meeting, Society for General Internal Medicine, Washington, D.C.; May 1 - 3, 1997.

27. Session Co-Chair, Medical Decision Making, Twentieth Annual Meeting, Society for General Internal Medicine, Washington, D.C.; May 1 - 3, 1997.

28. Scientific Program Committee, Nineteenth Annual Meeting, Society for Medical Decision Making; Houston, Texas; October 26 - 29, 1997.

29. Awards Committee, Nineteenth Annual Meeting, Society for Medical Decision Making; Houston, Texas; October 26 - 29, 1997.

30. Publications Committee, Society for Medical Decision Making, Washington, D.C., 1997-1999.

31. Finance Committee, Society for Medical Decision Making, Washington, D.C., 1997-1999.

32. Executive Committee, Society for Medical Decision Making, Washington, D.C., 1997-1999.

33. Membership Committee, Society for Medical Decision Making, Washington, D.C., 1997-1999.

34. Issues Committee, Society for Medical Decision Making, Washington, D.C., 1997-2000.

35. Abstract Selection Committee, Twenty-first Annual Meeting, Society for General Internal Medicine, Chicago, Illinois, April 23-25, 1998.

36. Session Co-Chair, Cost-effectiveness and Decision Analysis, Twenty-first Annual Meeting, Society for General Internal Medicine, Chicago, Illinois, April 23-25, 1998.

37. Search Committee, Editor-in-Chief, Medical Decision Making, Society for Medical Decision Making, Washington, D.C., 1998.

38. Scientific Review Committee, Twentieth Annual Meeting, Society for Medical Decision Making, Cambridge, Massachusetts, October 25-28, 1998.

39. Session Chair, Cost effectiveness and Resource Allocation, Conference on Quantitative Evaluation of HIV Vaccine Programs, Divonne-les-Bains, France, Sponsored by the Societal Institute of the Mathematical Sciences, New Canaan, Connecticut; July 6-8, 1998.

40. Co-chair, Scientific Review Subcommittee (Provider/Organization Abstracts), Twenty-second Annual Meeting, Society for General Internal Medicine, San Francisco, California, April 29 - May 1, 1999.

41. Search Committee, University Tenure Line faculty position, Department of Health Research and Policy, 1998-99.

42. Session Co-Chair, HIV Problems, Twenty-second Annual Meeting, Society for General Internal Medicine, San Francisco, California, April 29 - May 1, 1999.

43. Chair, Scientific Review Subcommittee, Twenty-third Annual Meeting, Society for General Internal Medicine, Boston, Massachusetts, May 4 - 6, 2000.

44. Scientific Review Committee, Twenty-second Annual Meeting, Society for Medical Decision Making, Cincinnati, Ohio, September 24-27, 2000.

45. Search Committee, University Tenure Line faculty position, Center for Primary Care and Outcomes Research, Department of Medicine, 1999 - 2005.

46. Scientific Review Committee, Twenty-third Annual Meeting, Society for Medical Decision Making, San Diego, California, October 20-24, 2001.

47. Nominations Committee, Society for Medical Decision Making, Washington D. C., 2000-2001.

48. Session Co-Chair, Cost-Effectiveness Analysis, Twenty-third Annual Meeting, Society for Medical Decision Making, San Diego, California, October 20-24, 2001.

49. Scientific Review Committee, Twenty-fifth Annual Meeting, Society for General Internal Medicine, Atlanta, Georgia, May 2-4, 2002.

50. Scholarly Tracks Committee, Stanford University School of Medicine, 2002.

51. Co-Chair, Cost Effectiveness and Decision Modeling Scientific Review Subcommittee, Twenty-sixth Annual Meeting, Society for General Internal Medicine, Vancouver, British Columbia, April 20 – May 3, 2003.

52. Session Co-Chair, Clinical Strategies, Twenty-fifth Annual Meeting, Society for Medical Decision Making, Chicago, Illinois, October 19-22, 2003.

53. Theme Plenary Session Co-Chair, 27th Annual Meeting, Society for General Internal Medicine, Chicago, Illinois, May 2004.

54. Scientific Review Committee, 28th Annual Meeting, Society for Medical Decision Making, Boston, Massachusetts, October 14-18, 2006.

55. Session Co-Chair, Simulation and Clinical Strategies, 29th Annual Meeting, Society for Medical Decision Making, Pittsburgh, Pennsylvania, October 20-24, 2007.

56. Search committee, University Tenure Line faculty position, Center for Primary Care and Outcomes Research, Stanford University, Stanford, California, 2007-2008.

57. Co-chair, search committee, University Tenure Line faculty position in biodefense, Stanford University, 2007-2008.

58. Search committee, University Tenure Line faculty position, Chief, Division of Infectious Diseases, Stanford University, Stanford, California, 2009-2010.

59. Search committee, Co-Director of the Center for International Security and Cooperation, Freeman Spogli Institute for International Study, Stanford University, 2011-2012.

60. Search committee, Medical Center Line Hospitalist, Department of General Medical Disciplines, Stanford University, 2011-2012.

61. Search committee, Chief, Immunology and Rheumatology, Stanford University, 2012.

62. Implementation Committee, Population Sciences Initiative, School of Medicine, Stanford University, 2012.

63. Search Committee, Director, Freeman-Spogli Institute for International Studies, 2012.

64. Search Committee, University Tenure Line faculty position, Center for Primary Care and Outcomes Research and Center for Health Policy, Stanford University, Stanford, California, 2012.

65. Search Committee, faculty position, Center for Health Care Evaluation, VA Palo Alto Health Care System, and Division of General Medical Disciplines, Stanford University, 2012.

66. Search Committee, faculty position, Section Chief, Hematology, VA Palo Alto Health Care System, and, Stanford University, 2013.