CURRICULUM VITAE DAVID OWEN MELTZER, M.D., Ph.D.

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EDUCATION

M.D. University of Chicago, Pritzker School of Medicine, 1993.

Diplomate, National Board of Medical Examiners, 1994. Diplomate, American Board of Internal Medicine, 1996.

Ph.D. University of Chicago, Department of Economics, 1992.

Dissertation: "Mortality Decline, the Demographic Transition, and

Economic Growth"

Preliminary Examinations in Industrial Organization and Labor Economics Specialization in Health Economics and Economic

Demography

B.S. Yale College, 1986.

Majors: Molecular Biophysics and Biochemistry Economics

HONORS & AWARDS

Professional

Young Investigator Award, National Association of Inpatient Physicians, 2003

Eugene Garfield Award, Research America outstanding paper award for "Addressing Uncertainty in Medical Cost-effectiveness Analysis: Implications of Expected Utility Maximization for Methods to Perform Sensitivity Analysis and the Use of Cost-effectiveness Analysis to Set Priorities for Medical Research" 2002.

Award for Best Research Abstract, National Association of Inpatient Physicians, 1999.

John M. Olin Foundation Faculty Fellowship, 1999-2000.

Award for an Outstanding Paper by a Young Investigator (for "Accounting for Future Costs in Medical Cost-Effectiveness Analysis"), Society for Medical Decision Making, 1998.

Junior Investigator Award, Midwest Society of General Internal Medicine, 1998

Robert Wood Johnson Generalist Physician Faculty Scholar Fellowship, 1998-2002.

Health Care Research Award (Paper of the Year Award for "Accounting for Future Costs in Medical Cost-Effectiveness Analysis"), National Institute for Health Care Management, 1997.

Junior Investigator Award, Midwest Society of General Internal Medicine, 1997.

Lee Lusted Prize, Society for Medical Decision Making, 1996.

National Bureau of Economic Research/National Institute of Aging Faculty Fellowship, 1995-6.

University Doctor of Medicine with Honors

of Chicago NIH Medical Scientist Training Program Fellowship

NSF Graduate Fellowship in Economics University of Chicago Searle Fellowship

Alpha Omega Alpha

Yale College summa cum laude

Distinction in Economics

Distinction in Molecular Biophysics and Biochemistry Dickerman Prize for the Best Senior Essay in Economics:

"Economic Determinants of Child Timing and Spacing Decisions: the

Role of Liquidity Constraints"

Phi Beta Kappa

PROFESSIONAL EXPERIENCE

2005 – present <u>Director,</u> Center for Health and the Social Sciences (CHeSS), The

University of Chicago.

2003 - present Director, MD/PhD Program in Medicine and the Social Sciences, The

University of Chicago.

2001 – present <u>Director, Academic Hospitalist Program, Department of Medicine, The</u>

University of Chicago.

2001 – present <u>Co-Director</u>, The Robert Wood Johnson Clinical Scholars Program, The

University of Chicago

2001 - present Associate Professor, Department of Medicine, Department of Economics

and Graduate School of Public Policy Studies, University of Chicago. Faculty member of the Robert Wood Johnson Clinical Scholars Program, Graduate Health Administration Program, Committee on Demographic Training, Population Research Center, Cancer Research Center, and

Center on Aging.

1996 -2001 Assistant Professor, Department of Medicine, Department of Economics

and Graduate School of Public Policy Studies, University of Chicago. Faculty member of the Robert Wood Johnson Clinical Scholars Program, Graduate Health Administration Program, Committee on Demographic Training, Population Research Center, Cancer Research Center, and

Center on Aging.

1994 - present Faculty Research Fellow, National Bureau of Economic Research,

Cambridge Massachusetts. National Institute of Aging / National Bureau of Economic Research Faculty Fellowship in the Economics of Health

Care and Aging, 1995.

1993 - 1996 Resident in Internal Medicine, Brigham and Women's Hospital, Harvard

Medical School. Primary Care track within traditional program in Internal

Medicine.

| 1991 - 1993 | <u>Lecturer</u> , Graduate School of Public Policy Studies, University of Chicago. Taught a graduate course entitled "Health Economics and Public Policy." Faculty member of the Graduate Health Administration Program, the Committee on Demographic Training, and the Population Research Center. |
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| 1988 - 1991 | <u>Economics Research Assistant</u> , Department of Economics, University of Chicago. Assisted Professor Gary Becker with a variety of research projects. |
| 1988 | Economics Teaching Assistant, Department of Economics, University of Chicago. Taught regular sessions and graded for a graduate course in general equilibrium theory taught by Professor Robert Townsend. |
| 1988 | <u>Economics Teaching Assistant</u> , Graduate School of Business, University of Chicago. Graded for a course in the economics and regulation of the health care industry taught by Professor David Dranove. |
| 1985 - 1986 | Economics Tutor, Yale College. Tutored introductory and intermediate microeconomics for the Yale College Dean's Office. |
| 1985 - 1986 | Economics Research Assistant, Economic Growth Center, Yale University. Assisted Professor Paul Schultz in econometric analysis of women's labor supply decisions. |
| 1985 Biochemistry, Yale. | Genetics Research Assistant, Dept. of Molecular Biophysics and |
| | Designed and carried out an experiment to determine the direction of insertion of a transposon within the genome of <u>Drosophila</u> . |
| 1984 | Economics Research Assistant, Department of Economics, University of Chicago. Assisted in an EPA-sponsored study of the valuation of improvements in environmental quality. Participated in survey design and field testing. |
| 1983 | Scientific Research Assistant, Pritzker School of Medicine, University of Chicago. Aided in the analysis of a large computerized psychiatric database. |
| 1982 | <u>Laboratory Assistant</u> , Illinois State Psychiatric Institute. Assisted with patients and data analysis in a study of evoked potentials. |

MAJOR TEACHING EXPERIENCE

Courses and Workshops

Teach "Health Economics and Public Policy," a graduate course in health economics with particular emphasis on public policy applications taught to M.A. and Ph.D. students in the Graduate School of Public Policy, Graduate School of Business, School of Social Service Administration, and Medical School, fellows in the Robert Wood Johnson Clinical Scholars Program, and select undergraduates: 1992, 1993, and 1996-present.

Co-Director, Workshop in Health Economics, Department of Economics, University of Chicago, 1996-present

Lecturer on cost-effectiveness analysis in course entitled "The Social Context of Medicine" taught to first year medical students, 1998 - present.

Lecturer on cost-effectiveness analysis and medical decision analysis in summer course for Robert Wood Johnson Clinical Scholars 1997 - present.

Organizer, Robert Wood Johnson Clinical Scholars Program National Health Economics Conference, 1996, 1998.

Co-Director, Health Service Research, Theory, Methods and Applications, Summer Curriculum for Medical Fellows, 2004-present.

Clinical Teaching

Medical student and intern clinical teaching as House Officer, Brigham and Women's Hospital, 1993-1996.

Medical student and resident clinical teaching as Attending Physician, University of Chicago, 1997-present.

Ph.D. Student, Fellow and Junior Faculty Career Development Award Advising

Thesis Committee Member, Sven Wilson, Ph.D. Economics, 1997. Current Position: Assistant Professor, Department of Economics, Brigham Young University.

Thesis Committee Member, Stuart Hagan, Ph.D. Public Policy, 1998. Current Position: Principal Analyst, Congressional Budget Office.

Thesis Committee Member, William Dale, M.D., 1999, Ph.D. Public Policy, 1998. Current Position: Assistant Professor of Medicine, Section of Geriatrics, University of Chicago. Primary mentor for funded Paul B.Beeson Career Development Award in Geriatrics (K08), 2005-2010.

Thesis Committee Member, John Cawley, Ph.D. Economics, 1999. Current Position: Assistant Professor, Department of Economics, Cornell University.

Thesis Committee Chair, David Grabowski, Ph.D. Public Policy, 1999. Current Position: Assistant Professor, Harvard Medical School.

Thesis Committee Chair, Babak Khoshnood, M.D., Ph.D. Public Policy, 2000. Current Position: Senior Epidemiologist, CEMKA, Paris, France.

Thesis Committee Member, Jeanette Chung, Ph.D. Sociology, 2002. Current Position: Research Associate, UCLA Department of Medicine.

Primary Mentor, Manish Shah, M.D., Robert Wood Johnson Clinical Scholar, 1999-2001. Current Position: Assistant Professor of Emergency Medicine, University of Rochester.

Primary Mentor, Paul Chung, M.D., Robert Wood Johnson Clinical Scholar, 2000 – 2002. Current Position: Assistant Professor in Residence, Department of Pediatrics, UCLA.

Primary Mentor, Caleb Alexander, M.D., Robert Wood Johnson Clinical Scholar, 2001 – 2003. Current Position: Instructor of Medicine, The University of Chicago, Section of General Internal Medicine. Primary mentor for funded Agency for Healthcare Quality and Research K-08 Award (2006-2011).

Thesis Committee Chair, Anirban Basu, Ph.D. Public Policy (Health Economics), 2004. Current Position: Assistant Professor of Medicine, The University of Chicago, Section of General Internal Medicine. Primary mentor for National Alliance for Schizophrenia and Affective Disorder (NARSAD) Career Development Award (2005-2007).

Thesis Committee Member, Guy David, Ph.D. Economics, 2004. Current Position: Assistant Professor, University of Pennsylvania.

Primary Mentor, Rachelle Bernacki, M.D., Robert Wood Johnson Clinical Scholar, 2002 – 2004. Current Position: Assistant Clinical Professor of Medicine, University of California San Francisco.

Primary Mentor, Thomas Fisher, M.D., Robert Wood Johnson Clinical Scholar, 2004 – 2006. Current Position: Instructor of Medicine, The University of Chicago, Section of Emergency Medicine.

Mentor, Elbert Huang, M.D., University of Chicago Pritzker School of Medicine, 2004 – Present. Current Position: Assistant Professor of Medicine, The University of Chicago, Section of General Internal Medicine. Primary mentor for funded NIA K Award – Prioritizing care in older person with diabetes, 2004-present.

Primary Mentor, Benjamin VanVoorhees, M.D., University of Chicago Pritzker School of Medicine, 2004 – Present. Current Position: Assistant Professor of Medicine and Pediatrics, The University of Chicago, Section of General Internal Medicine. Primary mentor for funded NIMH K Award – Depression Prevention for Adolescents, 2005-present.

Thesis Committee Member, Lei Jin, Ph.D. Sociology, 2005. Current Position: Post Doctoral Fellow, Harvard University.

Primary Mentor, Bill Borden, M.D., The University of Chicago, 2005 – Present. Current Position: Fellow, The University of Chicago, Section of Cardiology.

Primary Mentor, John Schneider, M.D., The University of Chicago, 2005 – Present. Current Position: Fellow, The University of Chicago, Section of Infectious Diseases.

Primary Mentor, Stephen Weber, M.D., University of Chicago Pritzker School of Medicine, 2005 – Present. Current Position: Assistant Professor, The University of Chicago, Section of Infectious Diseases. Primary mentor for funded Association of Subspecialty Professors (ASP) - Infectious Diseases Society of America-Young Investigator Award in Geriatrics, 2005-2007.

Primary Mentor, Daniel Menchik, Ph.D. candidate, 2005-present. Department of Sociology. University of Chicago.

Primary Research Mentor, Nicole Artz, M.D., The University of Chicago, 2005 – Present. Current Position: Instructor, The University of Chicago, Section of General Internal Medicine.

Thesis Committee Member, Eric Sun, MD/Ph.D Student, Business, 2006. Current Position: Post Doctoral Fellow, RAND.

Thesis Committee Member, Bapu Jena, MD/Ph.D Student, Economic, 2006. Current Position: Post Doctoral Fellow, RAND.

Primary Mentor, Elizabeth Marlow, M.D., The University of Chicago, 2006 – Present. Current Position: Fellow, The University of Chicago, Section of General Internal Medicine.

Other Student Advising

Advisor for more than 20 students per year in the School of Medicine, Graduate School of Public Policy, Department of Economics, and college interested in careers at the interface of medicine and economics or public policy.

MAJOR TEACHING-RELATED ACADEMIC ADMINISTRATIVE RESPONSIBILITIES

Admissions Committee, Harris Graduate School of Public Policy Studies, University of Chicago, 1991-1993.

Residency Selection Committee, Department of Medicine, Brigham and Women's Hospital, 1994.

Coordinator and principal author, successful initial National Research Service Award (NRSA) T-32 application to Agency for Health Care Policy and Research, 1997. Co-director, 1998-present (Willard Manning, P.I. and program director).

Steering Committee, Medical Scientist Training Program, University of Chicago, 1996-2000.

Co-Director, M.D./Ph.D. Program in the Social Sciences, University of Chicago, 1997-present. Director, 2003-present.

Principal Investigator and Program Director, National Institute of Aging MD/PhD Program in Medicine, the Social Sciences, and Aging T32, 2004-present.

Co-Director of Research, Section of General Internal Medicine, 2004-present.

Co-Director, University of Chicago Summer Program in Outcomes Research Training, 2005-present.

Director, Academic Hospitalist Program, University of Chicago Department of Medicine and University of Chicago Hospitals, 2001-present.

Hospitalist Scholars Faculty Development Program, 2005-present

Steering Committee, University of Chicago Health Resources and Services Administration Primary Care Clinical Scholars Program, 2005-present.

Director, CDC Chicago Center of Excellence in Health Promotion Economics, 2004-present.

Director, Center for Health and Social Sciences (CHeSS), The University of Chicago, 2005-present.

OTHER ACADEMIC ADMINISTRATIVE RESPONSIBILITIES

Junior Search Committee, Harris Graduate School of Public Policy Studies, University of Chicago, 1996-1998.

Faculty Director, Renovation and Space Planning, Section of General Internal Medicine Outcomes Research Group, University of Chicago, 1997.

Senior Search Committee, Harris Graduate School of Public Policy Studies, University of Chicago, 1998-9, 2002-3.

Board of Directors (Provost-appointed), Graham School of Continuing Education, University of Chicago, 1998-present.

Member, Committee to Assess Medical Informatics Initiative (Provost Appointed), University of Chicago, 2000-present.

Co-chair, Ph.D. Admissions Committee, Harris Graduate School of Public Policy Studies, University of Chicago, 2000-2.

Member, Clinical Research Policy Board, Biological Sciences Division, University of Chicago, 2004 – present

MAJOR CLINICAL RESPONSIBILITIES

Resident in Internal Medicine, Brigham and Women's Hospital, 1993-1996.

Attending Physician, General Medicine Service, University of Chicago, 1997-present.

Primary Care Physician, Primary Care Group, University of Chicago, 1997-present.

OTHER PROFESSIONAL EXPERIENCE

National Academy of Social Insurance Panel on the Broader Social Role of Medicare, Project on the Future of Medicare, 1997-99.

World Health Organization Advisory Panel on Research on Aging, Celle, Germany, March 1997.

Reviewer, NIH, NIMH and AHCPR <u>ad hoc</u> study sections and participant in NIA funding advisory panels, 1997-present.

Reviewer, NIA Social and Behavioral Science Study Section, 1999-present.

Member (Elected), National Academy of Social Insurance, 1998-present.

Institute of Medicine Panel on Organ Procurement and Transplantation Policy, 1999.

Trustee, Society of Medical Decision Making, 1999-2003.

Member, American College of Physicians – American Society of Internal Medicine Committee on the Impact of Hospitalist Practice on Patient Care, 2000.

Member, Health and Retirement Survey Steering Committee, 2000-present.

Institute of Medicine Committee on the Consequences of Uninsurance, subcommittee on the Health Outcomes of the Uninsured, 2001-2002.

External Advisory Committee, Medical Panel Expenditure Survey (MEPS), Agency for Healthcare Research and Quality, Rockville, MD, July 2001, September 2002.

Program Chair, 25th Annual Meeting of the Society for Medical Decision Making, October 2003.

Vice President, Society for Medical Decision Making, 2002-2003.

Member, Editorial Board, Annals of Internal Medicine, American College of Physicians, 2004 – present.

Panelist, Technical Advisory Panel on the Long-Term Financial Viability of Medicare, United States Department of Health and Human Services, 2004 – present.

Member, Cord Blood Committee, Institute of Medicine, 2004 – present.

Member, National Advisory Committee, Robert Wood Johnson Physician Scholars Program, 2005 – present.

Member, Drug Safety Committee, Institute of Medicine, 2005 – present.

President-Elect, Society of Medical Decision Making, 2005-2006.

Member, Editorial Board, Journal of Hospital Medicine, 2005-present

PUBLICATIONS

1. Meltzer, David. Mortality Decline, the Demographic Transition, and Economic Growth Ph.D. Dissertation, University of Chicago, Department of Economics, December 1992.

- 2. Meltzer, David. "Are Generalists the Answer for Primary Care?" <u>JAMA PULSE</u> 269 (13):1711,1714, April 7, 1993.
- 3. Dranove, David and David Meltzer. "Do Important Drugs Reach the Market Sooner?" with David Dranove RAND Journal of Economics 25 (3): 402-423, 1994.
- Meltzer, David. "Accounting for Future Costs in Medical Cost-Effectiveness Analysis."
 <u>Journal of Health Economics</u> 16 (1): 33-64, 1997. Also published as <u>National Bureau of Economic Research Working Paper Series</u> # 5946, February, 1997.
- Johannesson, Magnus, David Meltzer and Richard O'Conor. "Incorporating Future Costs in Medical Cost-Effectiveness Analysis: Implications for the Cost-Effectiveness of the Treatment of Hypertension" <u>Medical Decision Making</u> 17: 382-389, 1997.
- 6. Johannesson, Magnus and David Meltzer. "Some Reflections on Cost-Effectiveness Analysis" Health Economics 7:1-7, 1998.
- 7. Meltzer, David, David Bates, Fred Hiltz. "Implications of Managed Care for Teaching Hospitals: Comparisons of Traditional and Managed Care Medical Services within a Single Institution." Not for Profit Hospitals, National Bureau of Economic Research. Chapter 8, pp. 249-272, 1999.
- 8. Meltzer, David. "Perspective and the Measurement of Costs and Benefits for Cost-Effectiveness Analysis in Schizophrenia." <u>Journal of Clinical Psychiatry</u> 60 Suppl 3:32-5; discussion 36-7, 1999
- 9. Meltzer, David and Magnus Johannesson. "Inconsistencies in the 'Societal Perspective' on Costs of the Panel on Cost-Effectiveness in Health and Medicine." Medical Decision Making 19:371-377, 1999.
- 10. Meltzer, David and Magnus Johannesson. "On the Role of Theory in Cost-Effectiveness Analysis: A Response to Garber, Russell, and Weinstein." Medical Decision Making 19: 383-384, 1999.
- 11. Gibbons, Robert, David Meltzer Naihua Duan, and the other members of the Institute of Medicine Committee on Organ Procurement and Transplantation. "Waiting for Organ Transplantation: Results of an Analysis by an Institute of Medicine Committee." Science 287 (5451): 237-238, January 14, 2000.
- 12. Meltzer, David and Brian Egleston. "How Patients with Diabetes Perceive Their Risk for Major Complications." <u>Effective Clinical Practice</u> 3(1):7-15, Jan-Feb, 2000.
- 13. Heilicser, Bernard, David Meltzer and Mark Siegler. "The Effect of Clinical Medical Ethics Consultation on Health Care Costs." <u>Journal of Clinical Ethics</u> 11(1):31-38, 2000.

14. Meltzer, David, Brian Egleston, David Stoffel, and Erik Dasbach. "The Effect of Future Costs on the Cost-Effectiveness of Medical Interventions among Young Adults: The Example of Intensive Therapy for Type-1 Diabetes." Medical Care 38 (6): 679-685, 2000.

- 15. Meltzer, David. "Theoretical Foundations of Medical Cost-Effectiveness Analysis.

 Implications for the Measurement of Benefits and Costs of Medical Interventions."

 Medical Care Output and Productivity NBER, Studies in Income and Wealth Volume 62.

 Edited by David M. Cutler and Ernst R. Berndt, 2001.
- 16. Meltzer, David, Jeanette Chung. "Hospital Cost Growth among Low and High Cost Admissions: Evidence from the Period of Cost-containment in California, 1983-1994." NBER Working Paper # 8069, National Bureau of Economic Research, Cambridge, MA, January 2001.
- 17. Davis, Matthew, David Meltzer. "Methodological Issues in the Application of Quality-Adjusted Life-Years to Interventions Regarding Children." Commissioned paper by the United States Environmental Protection Agency as background to the Child Health Valuation Handbook. National Center for Environmental Economics Working Paper, 2001.
- 18. Meltzer, David. "Addressing Uncertainty in Medical Cost-effectiveness Analysis: Implications of Expected Utility Maximization for Methods to Perform Sensitivity Analysis and the Use of Cost-effectiveness Analysis to Set Priorities for Medical Research."

 Journal of Health Economics 20(1):109-129, 2001.
- Meltzer, David, Brian Egleston, and Ibrahim Abdalla. "Patterns of Prostate Cancer Treatment by Clinical Stage and Age." <u>American Journal of Public Health</u> 91(1):126-128, 2001.
- 20. Jacobs, Elizabeth A., Diane S. Lauderdale, David Meltzer, Jeanette M. Shorey, Wendy Levinson, Ronald A. Thisted. "The Impact of Interpreter Services on Delivery of Health Care to Limited English Proficient Patients." <u>Journal of General Internal Medicine</u> 16:468-474; 2001
- 21. Hagen, Michael, Alan Garber, Sue Goldie, Jennifer Lafata, Jeanne Mandelblatt, David Meltzer, Peter Newmann, Joanna Siegel, Harold Sox, Joel Tsevat. "Does Cost-Effectiveness Analysis Make a Difference?" Lessons from Pap Smears." Medical Decision Making 21 (4): 303-323, 2001.
- 22. Chung, Paul, Jeanette Morrison, Lei Jin, Wendy Levinson, Holly Humphrey, David Meltzer.

 "Resident Satisfaction on an Academic Hospitalist Service: Time to Teach." <u>American Journal of Medicine</u> 112:597-600, 2002
- 23. Meltzer, David. "Hospitalists and the Doctor-Patient Relationship." <u>Journal of Legal Studies</u> 30(2):589-606 Part 2, 2002.
- 24. Meltzer, David, Jeanette Chung, Anirban Basu. "Does competition under Medicare Prospective Payment selectively reduce expenditures on high-cost patients? RAND Journal of Economics 33 (3):447-468, 2002.

25. Meltzer, David, Willard Manning, Jeanette Morrison, Manish Shah, Lei Jin, Todd Guth, Wendy Levinson. "Effects of Physician Experience on Costs and Outcomes on an Academic General Medicine Service: Results of a Trial of Hospitalists." Annals of Internal Medicine 137:866-874, 2002.

- 26. Meltzer, David, Jeanette Chung. "Effects of Competition Under Prospective Payment on Hospital Costs Among High- and Low-Cost Admissions: Evidence from California, 1983 and 1993." NBER/Frontiers in Health Policy Research vol. 5, no. 1, pp. 53-102(50), MIT Press, 2002.
- 27. Meltzer, David. Can Medical Cost-Effectiveness Analysis Identify the Value of Research? In: Kevin M. Murphy and Robert H. Topel (Eds). Measuring the Gains from Medical Research: An Economic Approach. Chicago, IL, The University of Chicago Press. 206-245. 2003
- 28. Shah, Manish, Jacquie Schmit, William Croley, David Meltzer. "Continuity of Antibiotic Therapy in Patients Admitted from the Emergency Department." <u>Annals of Emergency Medicine</u> 42:117-123, 2003
- 29. Gibbons, Robert D., Naihua Duan, David Meltzer, Andrew Pope, Edward Penhoet, Nancy Dubler, Charles Francis, Barbara Gill, Eva Guinan, Maureen Henderson, Suzanne I. Tldstad, Patricia A. King, Manuel Martinez-Maldonado, George E. Mclain, Joseph Murray, Dorothy Nelkin, Mitchell W. Spellman, Sarah Pitluck. "Waiting for Organ Transplantation: Results of an Analysis by an Institute of Medicine Committee." Biostatistics 4:207-222, 2003.
- 30. Meltzer D. David Meltzer, physician and economist, discusses the new hospitalist movement. Interview by Sarah Pressman Lovinger. <u>JAMA</u> 289(4):411-3, 2003.
- 31. Meltzer, David. "Waiting for Organ Transplantation." <u>Transplantation Proceedings</u> 35(3):969-970.2003.
- 32. Alexander, Caleb, Lawrence Casalino, David Meltzer. "Patient-Physician Communication About Out-of-Pocket Costs." JAMA 290 (7):953-8, 2003.
- 33. Manns, Braden, David Meltzer, Kenneth Taub, Cam Donaldson. "Illustrating the Impact of Including Future Costs in Economic Evaluations: An Application to End-stage Renal Disease Care." <u>Health Economics</u> 12(11):949-58, Nov. 2003.
- 34. Chung, Paul, Jeanette Chung, Manish N. Shah, David Meltzer. "How do Residents Learn? The Development of Practice Styles in a Residency Program." <u>Ambulatory Pediatrics</u> 3(4): 166-172, 2003.
- 35. Levy, Helen and David Meltzer. "What do we Really Know about how Health Insurance Affects Health?" Health Policy and the Uninsured, Chapter 6, ed. Catherine McLaughlin, Urban Institute Press, 2004.
- 36. Whelan, Chad T., Lei Jin, David Meltzer. "Pain and Satisfaction With Pain Control in Hospitalized Medical Patients: No Such Thing as Low Risk." <u>Archives of Internal Medicine</u> 164:175-180, 2004.

37. Alexander, G. Caleb, Lawrence Casalino, Chien – Wen Tseng, Diane McFadden, David O. Meltzer. "Barriers to Patient-physician Communication about Out-of-Pocket Costs. <u>JGIM</u> 19:856-860, 2004.

- 38. Stille, Christopher J, Anthony Jerant, Douglas Bell, David O. Meltzer, Joann G. Elmore. "Coordinating Care across Diseases, Settings, and Clinicians: A Key Role for the Generalist in Practice." Annals of Internal Medicine 142(8):700-708, 2005.
- 39. Alexander, G. Caleb, Lawrence Casalino, David O. Meltzer. "Brief Report: Physician Strategies to Reduce Patients' Out-of-Pocket Prescription Costs." <u>Archives of Internal Medicine</u> 165:633-636, 2005.
- 40. Alexander, G. Caleb, Nadiah Mohajir, David O. Meltzer. "Consumers' Perceptions about Risk of and Access to Nonprescription Medications?" <u>Journal of the American Pharmacists Association</u> 45(3):363-370, May/June 2005
- 41. Chaudhry, Saima, Lei Jin, David O. Meltzer. "Use of a Self-Report Generated Charlson Comorbidity Index for Predicting Mortality" Medical Care 43(6):607-615, June 2005.
- 42. Dale, William, S. Pinar Bilir, Misop Han, David Meltzer. "The Role of Anxiety in Prostate Carcinoma: A Structured Review of the Literature," <u>Cancer</u> 104(3):467-478, 2005
- 43. Basu, Anirban, David Meltzer. "Implications of spillover effects within the family for medical cost-effectiveness analysis," <u>Journal of Health Economics</u> 24:751-773, 2005.
- 44. Arora Vineet, Julie K Johnson, David F Lovinger, Holly J Humphrey HJ, David O Meltzer.

 Communication Failures in Patient Sign-out and Suggestions for Improvement: A Critical Incident Analysis. Quality and Safety in Health Care 2005;14:401-7.
- 45. Wang, Richard Y., G. Caleb Alexander, David O Meltzer "Lack of Effect of Guideline Changes on LDL Cholesterol Reporting and Control for Diabetes Visits in the U.S., 1995-2004" Diabetes Care 28(12):2942-2944, 2005.
- 46. Huang, Elbert, Morgan Shook, Lei Jin, Marshall Chin, David Meltzer "The impact of patient preferences on the cost-effectiveness of intensive glucose control in older patients with new onset diabetes" <u>Diabetes Care</u> 29:259-64, 2006.
- 47. Wang, Richard Y., G. Caleb Alexander, David O Meltzer "Screening and Treatment of Hypercholesterolemia for Prevention of Coronary Heart Disease" Managed Care 19(1):25-29, 2006.
- 48. Arora, Vineet, Tosha Wetterneck, Jeffrey Schnipper, Andrew Auerbach, Peter Kaboli, Robert Wachter, Wendy Levinson, Holly Humphrey, David Meltzer. "Effect of the Inpatient General Medicine Rotation on Student Pursuit of a Generalist Career" <u>Journal</u> of General Internal Medicine 21(5): 471-476, 2006
- 49. Meltzer, David. "Economic Approaches to Valuing Global Health Research" Chapter 7 in <u>Disease Control Priorities in Developing Countries 2nd Edition</u>. Edited by Dean T. Jamison, et al. Oxford University Press. World Bank, April 2006.

50. Arora, Vineet, Carrie Dunphy, Vivian Chang, Fawaz Ahmad, Holly Humphrey, David Meltzer. "The Effects of On-Duty Napping on Intern Sleep Time and Fatigue" Annals Internal Medicine "Annals of Internal Medicine 144(1): 792-798, 2006.

- 51. Arora, Vineet, Sam Seiden, Jennifer Higa, Juned Siddique, David Meltzer, Holly Humphrey. "Effect of Student Duty Hours Policy on Teaching and Satisfaction of 3rd Year Medical Students" American Journal of Medicine 119(12): 1089-1095, 2006.
- 52. Levine, Stacie K, Greg A. Sachs, Lei Jin, David Meltzer. "A Prognostic Model for One-Year Mortality in Older Adults after Hospital Discharge" <u>American Journal of Medicine</u> 120(5): 455-460, 2007.
- 53. Quinn, Michael T., G. Caleb Alexander, Diane Hollingsworth, Kate Grubbs O'Connor, David Meltzer. "Design and Evaluation of a Workplace Intervention to Promote Organ Donation" <u>Progress in Transplantation</u> 16(3): 253-256, 2006.
- 54. Basu, Anirban, David Meltzer. Value of Information on Preference Heterogeneity and Individualized Care. Medical Decision Making 27(2):112-27, 2007
- 55. Dale, William, Joshua Hemmerich, David Meltzer. "Extending the Validity of the Memorial Anxiety Scale for Prostate Cancer (MAX-PC) at the Time of Prostate Biopsy in a Racially-Mixed Population" Psycho-Oncology 16(5):493-498, 2007.
- 56. Meltzer, David. "Theoretical Issues in Accounting for Future Costs in Medical Cost-Effectiveness Analysis" in <u>Policy Issues in Pharmaceutical Cost-Effectiveness Analysis</u>. AEI Press. In press.
- 57. Dale, William, Anirban Basu, Arthur Elstein, David Meltzer. "Predicting utility ratings for joint health states from single health states in prostate cancer: empirical testing of three alternative theories" Medical Decision Making In press.
- 58. Howard, David H, David Meltzer, Craig Kollman, Martin Maiers, Brent Logan, Loren Gragert, Michelle Setterholm, Mary M. Horowitz, "Use of Cost-Effectiveness Analysis to Determine Inventory Size for a National Cord Blood Bank" Medical Decision Making In press.
- 59. Huang, Elbert S, Qi Zhang, Sydney E. S. Brown, Melinda L. Drum, David O. Meltzer, Marshall Chin, "The Cost-Effectiveness of Improving Diabetes Care in US Federally Qualified Community Health Centers" <u>Health Services Research Journal</u> In Press, Published online DOI: 10.1111/j.1475-6773.2007.00734.x
- 60. Huang, Elbert S, Sydney Brown, Bernard G. Ewigman, Edward C. Foley, David O. Meltzer, "
 Patient perceptions of quality of life with diabetes-related complications and treatments"

 <u>Diabetes Care</u> In Press, published online on July 10, 2007 as 10.2337/dc07-0499
- 61. Vineet, Arora, Emily Georgitis, James N. Woodruff, Holly J Humphrey, David Meltzer, "Improving Sleep Hygiene of Medical Interns: Can the S.A.F.E.R. Program Help?" Archives of Internal Medicine In press.

Books and Book Chapters

1. National Academy of Social Insurance. <u>Medicare and the American Social Contract.</u> Final Report of the Study Panel on Medicare's Larger Social Role. National Academy of Social Insurance, Washington, D.C., February, 1999.

- 2. Institute of Medicine. Organ Procurement and Transplantation: Assessing Current Policies and the Potential Impact of the DHHS Final Rule. Final report of the Institute of Medicine Committee on Organ Procurement and Transplantation Policy, National Academy Press, Washington, D.C., 1999.
- 3. Meltzer, David and Chad Whelan.. "The Economics of Hospital Medicine". Chapter 2 in Hospital Medicine, 2nd Edition. Robert M Wachter, Lee Goldman, Harry Hollander. Lippincott, Williams, and Wilkins, 2005.
- Institute of Medicine. <u>Cord Blood: Establishing a National Hematopoietic Stem Cell Bank</u>
 <u>Program</u>. Final report of the Institute of Medicine Committee on Establishing a National
 Cord Blood Stem Cell Bank Program, National Academy Press, Washington, D.C., 2005.
- Meltzer, David. "Future Costs in Medical Cost-Effectiveness Analysis" Chapter 42 in <u>The Elgar Companion to Health Economics</u> Andrew M. Jones. Edward Elgar Publishing Inc. Cheltenham, UK, 2006
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- 2. Levy, Elliott and David Meltzer. "Does reduction in cardiovascular death account for the increase in ESRD? An examination of the 'competing mortality' hypothesis." <u>Journal of the American Society of Nephrology</u> 7 (9): A0733, September 1996.
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- 65. Abbo, Elmer, Sara Sobotka, David Meltzer. "Patient Preferences in Instructional Advance Directives", Society of General Internal Medicine 29th Annual Meeting, 2006.
- 66. Farnan, Jeanne, Julie Johnson, David Meltzer, Holly Humphrey, Vineet Arora. "Assessing Supervision in Internal Medicine Residency Training", Society of General Internal Medicine Midwest Regional Meeting, 2006.
- 67. Seiden, Sam, Vineet Arora, Jennifer Higa, Juned Siddique, David Meltzer, Holly Humphrey. "Effect of a Student Duty Hours Policy on the Teaching and Satisfaction of Third Year Medical Students", Society of General Internal Medicine Midwest Regional Meeting, 2006.
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71. Arora, Vineet, Julia Kao, David Lovinger, Sam Seiden, David Meltzer. "Medication Discrepancies during Patient Handoffs: Frequency, Characteristics, and Potential to Harm", Society of Hospital Medicine Annual Meeting, 2007.

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 Meltzer, David. Book Review: "Valuing Health Care: Costs, Benefits, and Effectiveness of Pharmaceuticals and other Medical Technologies" by Frank Sloan. Cambridge Univ. Press, 1995. <u>Journal of Public Policy and Management</u>, Summer 1996.

- Meltzer, David. Book Review: <u>Primary Care: America's Health in a New Era</u> by Donaldson MS, Yordy KD, Lohr KN, Vanselow NA; eds. National Academy Press, Washington D.C. 1996 in <u>Annals of Internal Medicine</u> 126 (12): 1008, June 15, 1997.
- 3. Meltzer, David. Commentary on "The Covariance Structure of Mortality Rates in Hospitals" by Douglas Staiger: In <u>Inquiries in the Economics of Aging</u>, edited by David A. Wise, National Bureau of Economic Research Project Report, pp. 223-7. University of Chicago Press, Chicago, IL 1998.
- Meltzer, David. Commentary on " Health, Income and Inequality over the Life-Cycle" by Angus Deaton and Christina Paxson. In <u>Frontiers in the Economics of Aging</u>, edited by David A. Wise, National Bureau of Economic Research Project Report, pp. 457-62. University of Chicago Press, Chicago, IL 1998.
- Meltzer, David. Commentary on "The Medical Cost of the Young and Old: A forty year perspective" by David Cutler and Ellen Meara. In <u>Frontiers in the Economics of Aging</u>, edited by David A. Wise, National Bureau of Economic Research Project Report, pp. 242-6. University of Chicago Press, Chicago, IL 1998.
- 6. Meltzer, David. "Health Care Prices, Outcomes, and Policy: The Shape of Health Care Research" (commentary on a conference on measuring prices in health care) in Measuring the Prices of Medical Treatments Brookings Institution Press, Washington, D.C., 1999.
- Meltzer, David. "Methodological Issues in Economic Evaluation." From Clinical Trials to Community: The Science of Translating Diabetes and Obesity Research, Natcher Conference Center – National Institutes of Health, Bethesda, Maryland, January 12-13, 2004. NIH Publication of proceedings available at http://www.niddk.nih.gov/fund/other/Diabetes-Translation/conf-publication.pdf
- 8. Meltzer, David. "Hospital Care of General Medicine Patients: The Importance of Evidence.". JGIM 19(5 Pt1):479-480, 2004.
- 9. Meltzer, David. "Risks and Benefits of Risk Management Plans" <u>Health Affairs</u> 26(3): 681-683, 2007.
- 10. Meltzer, David and Vineet Arora. "Evaluating Resident Duty Hours Reform: More Work to Do" JAMA. In press.

Manuscripts Under Review/Revision

1. Meltzer, David. "Mortality Decline, the Demographic Transition, and Economic Growth." Under revision, Journal of Political Economy.

- 2. Chodak, Gerald, Ronald Thisted, Glenn Gerber, David Meltzer and the Prostate Cancer Meta-Analysis Group. "Comparison of Prostate Cancer Specific Survival in Men with Localized Prostate Cancer Treated by Watchful Waiting or Radical Prostatectomy based on Meta-analyses of Individual Patient Data."
- 3. Mantha, Srinivas, Michael Roizen, David Meltzer, V. Saraswathi, V. Lakshmi, Lee Fleisher, and Joseph Foss. "Screening blood donors and surgical patients for human immunodeficiency virus infection: Cost-effectiveness analysis." Under review, World Health Organization Bulletin.
- 4. Weir, David and David Meltzer. "Indexing Social Security's Retirement Rules to Changes in Life Expectancy." Under review, <u>Population and Development Review</u>.

INVITED LECTURES AND PROFESSIONAL PRESENTATIONS

"Mortality Decline, The Demographic Transition and Economic Growth":

Economic Growth Center, Yale University, September 1989.

Institute for the Study of Free Enterprise Systems, SUNY Buffalo, November 1989.

Workshop on Demographic Applications, Population Research Center, U of Chicago, Nov. 1990.

Workshop in the Applications of Economics, Dept. of Economics, U of Chicago, April 1991.

Department of Economics, University of Rochester, November 1992.

Discussant for a session on "The Economics of Health Care": Annual Meeting, Econometric Society, Washington, D.C., December 1990.

"Does the FDA Accelerate or Delay the Approval of Important Drugs?" with David Dranove:

Center for Health Administration Studies, University of Chicago, February 1991.

Economic and Legal Organization Workshop, Dept. of Economics, Univ. of Chicago, May 1991.

Workshop on Industrial Organization, NBER Summer Institute, Cambridge, MA, July 1991.

Annual Meeting, American Economic Association, New Orleans, LA, January 1992. Marion-Merrell Dow, Kansas City, MO, May 1992.

"Screening for Prostate Cancer: A Decision Analysis" with Gerald Chodak and Robin Hogarth:
Benign Prostatic Hypertrophy PORT, Massachusetts General Hospital, Harvard, March
1991.

Center for Health Administration Studies, University of Chicago, May 1991.

Graduate School of Public Policy Studies, University of Chicago, June 1991.

School of Medicine, University of Rochester, November 1992.

Department of Medicine, University of Pennsylvania, May 1995.

Department of Medicine and School of Public Health, Johns Hopkins University, June 1995.

"Specialization and American Health Care Reform": Medical Scientist Training Program, University of Michigan, August 1991.

"Accounting for Future Costs in Medical Cost-Effectiveness Analysis":

School of Public Health, Harvard University, April 1994.

Plenary Abstract, Society for Medical Decision Making, Annual Meeting, Phoenix, AZ, October 1995.

Division of Clinical Epidemiology, Brigham and Women's Hospital, October 1995.

John F. Kennedy School of Government, Harvard University, February 1996.

National Meeting on M.D./Ph.D. Education and Research in the Humanities and Social Sciences, Chicago, April 1996.

University of Chicago / University of Washington Robert Wood Johnson Clinical Scholars Health Economics Conference, Chicago, April 1996.

Society of General Internal Medicine, Annual Meeting, Washington DC, May 1996.

National Bureau of Economic Research, Summer Institute, Cambridge MA, July 1996.

Grand Rounds, Department of Medicine, University of Chicago, September 1996.

Society for Medical Decision Making, Annual Meeting, Toronto, Canada, October 1996

American Enterprise Institute, Conference on "Policy Issues in Pharmaceutical Cost-Effectiveness Research," Washington, DC, November 1996.

Graduate School of Public Policy Studies, University of Chicago, December 1996. Institute for Health Services Research and Policy Studies, Northwestern University, March 1997.

Franco-American Conference on Research in Income and Wealth, National Bureau of Economic Research, Cambridge, MA, July 1997.

Heinz School of Public Policy, Carnegie Mellon University, and Department of Medicine, University of Pittsburgh, February 1998.

University of Michigan, Robert Wood Johnson Clinical Scholars Program, February 1998.

Discussant for "The Covariance Structure of Mortality Rates in Hospitals" by Douglas Staiger: NBER Conference on Economics of Aging and Health Care, Boulders, AZ, May 1995.

"Effect of House Officer Workload on Length of Stay on Traditional and Managed Care Medical Services"

UCLA/Rand Workshop on Empirical Economics, March 1996.

Society of General Internal Medicine, Annual Meeting, Washington, D.C., May 1996.

American Economics Association, Annual Meeting, New Orleans, LA, January 1997.

Society of General Internal Medicine, Annual Meeting, Washington, DC, May 1997.

Department of Economics, University of Chicago, June 1997.

Midwest Society of General Internal Medicine Annual Meeting, Plenary Address, Chicago, IL, September 1997.

- Discussant for "Health, Income and Inequality Over the Life-Cycle" by Angus Deaton and Christina Paxson: NBER Conference on Economics of Aging and Health Care, Boulders, AZ, May 1997.
- Discussant for "The Medical Cost of the Old and Young: A Forty Year Perspective" by David Cutler and Ellen Meara: NBER Conference on Economics of Aging and Health Care, Boulders, AZ, May 1997.
- Panelist "Medicare as a Public Good: Using Health Services Research to Restructure Medicare" with Co-panel members from the National Academy of Social Insurance Study Panel on Medicare's Broader Social Role, Association for Health Services Research Annual Meeting, Chicago, IL, June 1997.
- "Implications of Managed Care for Teaching Hospitals: Comparisons of Traditional and Managed Care Medical Services within a Single Institution." with David Bates and Fred Hiltz. NBER conference on Not for Profit Hospitals, Palm Beach, FL, November 1997.
- "Economic and Behavioral Issues in Evaluating the Cost-Effectiveness of Prostate Cancer Screening and Treatment," American Economics Association, Annual Meeting, New Orleans, LA, January 1997.
- Discussant for sessions entitled "Medicaid Policy and Access to Care" and "What we get for Health Care Spending," American Economics Association, Annual Meeting, Chicago, IL, January 1998.
- "Implications of Economic Theory for Medical Cost-Effectiveness Analysis," American Economics Association, Annual Meeting, Chicago, IL, January 1998.

"Do Quality-Adjusted Life Years Reflect Patient Preferences? Validation Using Revealed Preference For Intensive

Treatment Of IDDM" with Tamar Polonsky and Janet Tobian.

Annual Meeting, Society of General Internal Medicine, Chicago, IL, April 1998.

NBER Conference on Research in Income and Wealth, Washington, D.C., June 1998.

National Bureau of Economic Research Summer Institute, Boston, MA, July 1998.

Plenary Abstract, Midwest Society of General Internal Medicine Annual Meeting, Chicago, IL, October 1998.

International Health Economics Association, (iHEA), Annual Meeting, York, England, July 2001.

- Discussant for "How Fair is Medicare? Technology Diffusion, Health Outcomes, and Medicare Policy" by Jonathan Skinner and Mark McClellan, American Enterprise Institute, Washington DC, June 1998.
- "Implications of Expected Utility Maximization for Assessing Cost-Effectiveness under Uncertainty: Methods for Sensitivity Analysis and Implications for the Use of Cost-Effectiveness Analysis to Set Priorities for Medical Research." National Bureau of Economic Research Summer Institute, Boston, MA, July 1998.
- "Effect of Future Costs on the Cost-Effectiveness of Life Extension and Quality of Life Improvement Among the Elderly," Plenary Abstract, Society for Medical Decision Making Annual Meeting, Boston, MA, October 1998.
- "When is Health Care Worth It? New Research on Measuring the Costs and Benefits of Medical Interventions"

University of Chicago Alumni Association, Harper Lecture, Houston, TX, November

University of Chicago Alumni Association, Harper Lecture, Dallas, TX, November 1998. University of Chicago Alumni Association, Harper Lecture, Chicago, IL, April 1999.

- "Accounting for Future Costs in Medical Cost-Effectiveness Analysis: from Theory to Practice" Robert Wood Johnson Generalist Physician Faculty Scholars Program, Tucson, AZ, December 1998.
- "Effect of Hospitalist Physicians on an Academic General Medicine Service: Results of a Randomized Trial"

Plenary Abstract, Society of General Internal Medicine, Annual Meeting, San Francisco, CA, April 1999.

University of Michigan School of Public Health, November 1999.

University of Pennsylvania, Leonard Davis Institute, January 2000.

University of California-Los Angeles, April 2000.

University of California-San Francisco, June 2000.

Yale University School of Medicine, January 2001.

- "Can Burden of Illness Measures Aid Priority-setting at NIH?" NIH Meeting on the Burden of Illness, Bethesda, MD, June 1999.
- "Organ and Tissue Donation Briefing: Report of the Institute of Medicine Panel on Organ Transplantation." Annual Meeting of the Association of State Legislators, Indianapolis, IN, July 1999.

"Measuring Quality-Adjusted Years of Life due to Different Diseases." National Bureau of Economic Research Summer Institute, Boston, MA, July 1999.

- Organizer, session entitled "Hospitalists in Academic Medicine: An Update" at the 16th Annual Midwest Regional Society of General Internal Medicine (SGIM) Meeting, Chicago, IL, September 1999.
- "Do People Consider Financial Effects in Answering Quality of Life Questions?" Plenary Abstract, Society for Medical Decision Making Annual Meeting, Reno, NV, October 1999.
- "Technological Change and the Cost of Medical Care: Economic and Clinical Approaches to Improving Efficiency" IBMEC Business School, Sao Paolo, Brazil, October, 1999.
- "Do QALYs Measure What We Want?" Harvard School of Public Health, November 1999.
- "Can Medical Cost-Effectiveness Analysis Identify the Value of Research?" Conference on the Economic Value of Medical Research organized by the Lasker Foundation, Washington, DC, December 1999.
- Discussant for sessions entitled "Quality Issues in Managed Care," "Productivity in Services" and "Economic Well-Being of African Americans," Allied Social Science Associations, Boston, MA, January 2000.
- "Theoretical Foundations of Medical Cost-Effectiveness Analysis," Northeastern Illinois Chapter of the American Statistical Association, Chicago, IL, March 2000.
- "Effects of Competition under Prospective Payment on Hospital Costs among High and Low Cost Admissions: Evidence from California, 1983 1993"

Public Economics Workshop, Department of Economics, Harvard/MIT, April 2000. Workshop in the Applications of Economics, Department of Economics, University of Chicago, April 2000.

National Bureau of Economic Research, Conference on the Industrial Organization of Hospitals, Nashville, TN, April 2000.

National Bureau of Economic Research, Summer Institute, Cambridge, MA, August 2000.

Duke University/University of North Carolina Health Economics Workshop, November 2000.

University of California - Berkeley, December 2000.

University of California - San Francisco, December 2000.

American Economic Association Meeting, Annual Meeting, January, 2001.

"Patient Preferences and Willingness to Pay for Inpatient Care by Primary Care Physicians versus Hospitalists."

Plenary Abstract National Association of Inpatient Physicians (NAIP) Third Annual Meeting, Philadelphia, PA, April 2000.

Society of General Internal Medicine 23rd Annual Meeting, Boston, MA, May 2000. Association for Health Services Research (AHSR) 2000 Annual Meeting, Los Angeles, CA, June 2000.

Midwest Regional Society of General Internal Medicine Meeting, Chicago, IL, September 2000.

"Hospitalists and the Doctor-Patient Relationship," The University of Chicago Law School and The MacLean Center for Clinical Medical Ethics, Conference on the Regulation of Managed Care Organizations and its Impact on the Physician-patient Relationship, December 2000.

- "Accounting for Future Costs in Cost-Effectiveness of Prostate Cancer Screening and Treatment." Robert Wood Johnson Generalist Physician Faculty Scholars Program, Annual Meeting, December 2000.
- Chair for session entitled "Health Care Technology," and discussant for session entitled "Endogenous Longevity and Economic Performance," Allied Social Science Associations, New Orleans, LA, January 2001.
- Speaker, Robert Wood Johnson Clinical Scholars' Health Policy Seminar, Institution for Social and Policy Studies, Yale University, New Haven, CT, January 2001.
- "Decreased Length of Stay, Cost and Mortality In A Randomized Trial of Academic Hospitalist."

 National Association of Inpatient Physicians Fourth Annual Meeting, Atlanta GA, March
 2001. Society of General Internal Medicine, San Diego, CA, May 2001.
- Chair, 2001 National Association of Inpatient Physicians 4th Annual Meeting Research and Clinical Abstract Competition, Atlanta GA, March 2001.
- Chair, abstract session "Quality of Care and Managed Care," Society of General Internal Medicine 24th Annual Meeting, San Diego, CA, May 2001.
- Discussant, National Bureau of Economic Research, Inc., Conference on the Economics of Aging, Carefree Arizona, May 2001.
- "Effects of Competition Under Prospective Payment n Hospital Costs Among High and Low Cost Admissions: Evidence From California, 1983 1993," National Bureau of Economic Research, Frontiers in Health Policy Research Conference, Bethesda MD, June 7, 2001.
- "The Value of Information in Cost-Effectiveness Analysis, Application to Prostate Cancer Screening and Treatment" International Health Economics Association, (*i*HEA), Annual Meeting, York, England, July 2001.
- "Do People Consider Financial Effects When Answering Quality of Life Questions?" International Health Economics Association, (*i*HEA), Annual Meeting, York, England, July 2001
- Discussant for "2001 Health Care Forecast," Institute For The Future 2001 Heath Care Horizons Meeting, Chicago, IL, July 2001
- "What do we Really Know about how Health Insurance Affects Health?" with Helen Levy, University of Michigan / RWJ Initiative on Uninsurance, Research Agenda Setting Conference, Ann Arbor, MI, July 2001

"Decreased Length of Stay, Costs and Mortality in a Randomized Trial of Academic Hospitalists." Midwest Regional Society of General Internal Medicine Meeting. Chicago, IL September 2001

- Chair, abstract session "Structure and Early Results of a Prostate Cancer Decision Model."

 Society of Medical Decision Making 23rd Annual Meeting. San Diego, CA October 2001.
- "Effects of Health Disparities on Educational Investment." NIH Symposium on Economic Perspectives on Health Disparities. Bethesda, MD. December 2001.
- Discussant for sessions entitled "Health and Economic Growth" and "Economic Issues for Medicare Reform." Allied Social Science Association 2002 Meeting, Atlanta, GA January 2002.
- "Time for an Inpatient General Medicine Research Network?" Society of General Internal Medicine Annual Meeting, Vancouver, British Columbia, Canada, May 2003.
- "From IOM to MELD: Is Liver Allocation Improving?" Organ Transplantation Economic, Ethical, and Policy Issues, The University of Chicago Annual Ethics Seminar, Chicago, Illinois, May 2003.
- "Hospitalist and Experience: Critical Strength? Critical Weakness?" 4th Annual Midwest Regional Meeting – Society of Hospital Medicine, Chicago, IL, September 2003
- "The Hospitalist Movement and Its Impact on Clinical Care and Teaching" 2003 Illinois
 Associates and Chapter Scientific Meeting American College of Physicians, Chicago,
 IL, November 2003
- "Self Selection in Cost Effectiveness Analysis" and "Effects of Hospitalist on Cost and Outcomes: Learn by Doing and Social Network Effects" Health Services Research Seminar Series University of Pittsburgh, Pittsburgh, PA, December 2003
- "Methodological Issues in Economic Evaluation", NIDDK Conference on Translational Research

 National Institute of Health, Bethesda, MD, January 2004
- "Theoretical Foundations of Cost Effectiveness Analysis and Implications for the Pharmaceutical Industry" Global Market Analytics Pfizer Pharmaceuticals, FL, January 2004
- "Early Findings from the Multicenter Hospitalist Project on the Value of Medical Specialization: Learning by Doing and Social Networks effects", Harvard Risk Center for Risk Analysis – Harvard University, Boston, MA, February 2004.
- "Effects of Hospitalist on Cost and Outcomes: Learning by Doing and Social Network Effects" NBER, New York, NY, April 2004.
- "Panel: Succeeding in Academic Medicine", Society of Hospital Medicine Annual Meeting, New Orleans, LA, April 2004.
- "Using Medicare Data to Study the Effects of Hospitalists on Costs and Outcomes of Hospital Care" CMS Workshop, Baltimore, MD, June 2004.

"Social Network Effects on Academic General Medicine Service" Russell Sage Foundation, New York, NY, July 2004.

- "Learning by Doing and Social Network Effects: Lessons from a Multicenter Study of Hospitalists"
 - University of Pennsylvania, Philadelphia, PA, September 2004. Wake Forest University, Winston-Salem NC, November, 2004.
- "Effects of preference heterogeneity and patient self-selection on cost effectiveness Analysis: Implications for Intensive Therapy for Diabetes" Northwestern University-Buehler Center, Chicago, IL, February 2005.
- "Physician Learning, Leadership, and Life-Balance: Evidence and Approaches from the Emerging Field of Hospital Medicine" Grand Rapids Medical Education & Research Center for Health Professions, Grand Rapids, MI, April 2005.
- "Developing a General Medicine Service as a Laboratory for Applied Social Science Research: an Illustration of Integrative Research in Health and the Social Sciences" American Physician Scientist Association Inaugural Meeting, Chicago, IL, April 2005.
- "Panel: Regulatory & Policy Challenges Facing the BioPharma Industry Economic Costs of Drug Development and Safety Issues Is It Worth the Risk?", University of Chicago Graduate School of Business 53rd Annual Management Conference, Chicago, IL, April 2005.
- "The Economic Impact of Curing Diseases", Milken Institute Global Conference, Los Angeles, CA, April 2005.
- "Healthcare in the Global Village: The Quest for Basic Medical Infrastructures", University of Chicago, Chicago, IL, April 2005.
- "The Art and Science of Successful Scientific Writing" Society of Hospital Medicine Annual Meeting, Chicago, IL, April 2005.
- "Effects of Hospitalists on Outcomes and Costs in a Multicenter Trial of Academic Hospitalist"
 Best of Research, Innovations and Clinical Vignettes in 2005, Society of Hospital
 Medicine Annual Meeting, Chicago, IL, April 2005.
- "Economic Evaluation of Health Promotion in the US: Political and Methodological Challenges and Opportunities",
 Incorporating Economic Evaluation into Public Health, National Institute for Clinical Excellence, London, England, May, 2005.
- "Effects of Inpatient Experience on Outcomes and Costs in a Multicenter Trial of Academic Hospitalists" Opening Plenary Abstract, Society of General Internal Medicine 28th Annual Meeting, New Orleans, LA, May 2005.
- "Discussant: "Reform Options: Matching the Tools with the Goals", Wanting It All: The Challenge of Reforming the US Health Care System 50th Economic Conference, Federal Reserve Bank of Boston, Chatham, MA, June 2005.

Discussant: "Risk and Uncertainty in the Economic Evaluation of Health Care", iHEA 5th World Congress, Barcelona, Spain, July 2005.

- "Presenter: "Mechanisms of Learning by Doing among Physicians: Results of a Randomized Multicenter Trial of Hospitalists", iHea 5th World Congress, Barcelona, Spain, July 2005.
- Chair: "Assessing Causality in the Relationship between Health Insurance and Health", iHEA 5th World Congress, Barcelona, Spain, July 2005.
- "Fellowships and Advanced Degrees for Academic GIM Careers", Midwest Society of General Internal Medicine, Chicago, IL, September 2005.
- "Incorporating Economic Evaluation into Public Health", NICE 2005: Health and Clinical Excellence, National Institute for Clinical Excellence, Birmingham, England, December, 2005.
- Panel: "Career Development...Tools and Information to Advance Research Career", Health Protection Research Initiative Grantee Meeting, Centers for Disease Control and Prevention, Atlanta, GA, April 2006.
- "Faster Cures and Quality of Life: A Case Study in Value of Accelerated Cures", Milken Institute Global Conference, Los Angeles, CA, April 2006.
- "Hospitalist", Lifetime Healthcare Companies Boards of Directors Spring Conference, Syracuse University, Skaneateles, NY, April 2006.
- "New Applications of Cost-effectiveness Analysis to Healthcare", American Statistical Association Chicago Chapter Conference, Chicago, IL, May 2006.
- "Building a Hospitalist Research Infrastructure", Society of Hospital Medicine Annual Meeting, Washington, DC, May 2006.
- "Effects of Time Costs on the Quantity and Intensity of Physical Exercise", Ashe Inaugural Conference, University of Wisconsin, Madison, WI, May 2006.
- "Theoretical Foundation of Medical Cost Effectiveness Analysis", The Center for Health Law Studies, St. Louis University School of Law, St. Louis, MO, October 2006.
- "Sex and Physician Practice Variation", NBER Fall Health Care Program Meeting, Cambridge, MA, October 2006.
- Panelist: "New Technology and Medical Decision Making: Ethics, Incentives, Regulation, and the Role of Health Policy", ESF IFW Conference Kiel Institute for the World Economy, Germany, October 2006.
- "Effects of Self-Selection on the Cost-Effectiveness of Diabetes Treatment", Euro PEPC Meeting, Paris, France, November, 2006.
- "Measuring gains from Medical Research: An Economic Approach': A Discussion of Award-Winning Research by Profs. Kevin Murphy, Robert Topel and Dr. David Meltzer"
 University of Chicago Graduate School of Busines Healthcare & BioPharma Alumni Roundtable, Chicago, IL, December 2006.

Discussant: "The Health of the Young and the Old in the Past and the Present" Allied Social Science Associations Meeting 2007, Chicago, IL, January 2007.

- Discussant: "Beyond Drug and Hospital Costs: Comprehensive Accounting for Health Care" Allied Social Science Associations Meeting 2007, Chicago, IL, January 2007.
- Discussant: "Valuing Morbidity and Mortality Risk Reductions" Allied Social Science Associations Meeting 2007, Chicago, IL, January 2007.
- "Effects of Self-Selection on the Cost Effectiveness of Diabetes Treatment" Pharmaceutical Economics and Policy Council, Chicago, IL, January 2007.
- "The Organization and Delivery of Care and Payment to Providers Workshop" Focused Research on Efficient, Secure Healthcare, Stanford, CA, March 2007.
- "Self-selection in Medical Cost-Effectiveness Analysis: Relevance to Analyses of Type 2
 Diabetes and Prostate Cancer Treatments" RAND Health Economics Seminar Series,
 Santa Monica, CA, March 2007.
- "Institute of Medicine Report on Drug Safety and the FDA" UCLA Seminar on Pharmaceutical Economics and Policy, Los Angeles, CA, March 2007.
- "Learning by Doing and Social Network Effects: Lessons on Physician Learning from a Multicenter Study of Academic Hospitalist" City Wide Medical Grand Rounds/Berris Lecture, Toronto, CANADA, April 2007.
- "Building a Food and Drug Administration for the 21st Century", Milken Institute Global Conference, Los Angeles, CA, April 2007.
- Panelist: "The Role of Private Markets in the Future of Health Care", University of Chicago Graduate School of Business 55th Annual Management Conference, Chicago, IL, May 2007
- "Advancing Prevention Effectiveness through Social Services", 2007 Annual Prevention Effectiveness Conference and Prevention Effectiveness Fellowship Graduation Ceremony, Center for Disease Control and Prevention, Atlanta, GA, June 2007.
- "Theoretical Foundations of Medical Cost-effectiveness Analysis", Medtronic, Minneapolis, MN, June 2007.
- "Effects of Self- Selection on CEA of Diabetes Treatment", Chicago UKPDS Outcomes Model Workshop, Chicago, IL June 2007.
- "Cost-effectiveness of Renal Transplantation" Conference on Transplant Policy, Chicago, IL, July 2007.
- "Effects of Self-Selection on CEA of Diabetes Treatment by Age", International Health Economics Association Meeting, Copenhagen, Denmark, July 2007.

REVIEWER

American Economic Review American Journal of Medicine Annals of Internal Medicine Editorial Board, 2004 - present. Archives of Internal Medicine Health Services Research **Health Economics JAMA** Journal of General Internal Medicine Journal of Health Economics Journal of Hospital Medicine Editorial Board, 2005-present. Journal of Human Resources Journal of Labor Economics Journal of Law and Economics Journal of Political Economy Medical Decision Making Editorial Board, 1999-2002. New England Journal of Medicine Quality and Safety in Health Care Editorial Board, 2002-2004.

Rand Journal of Economics

MAJOR GRANTS AND FELLOWSHIPS (Generally includes only grants for which I am principal investigator or that provide major infrastructure support for a program that I direct.)

- National Merit Scholarship, Yale University, 1982-1986.
- Graduate Fellowship in Economics, National Science Foundation, 1986-1988.
- Graduate Fellowship, Searle Foundation, University of Chicago, 1986-1993.
- Medical Scientist Training Program Fellowship, National Institutes of Health, University of Chicago 1988-1993.
- Co-Investigator, "Screening for Prostate Cancer: A Decision Analysis" with Dr. Gerald Chodak (Principal Investigator) and Professor Robin Hogarth (Co-Investigator) funded by the Agency for Health Care Policy and Research, Dept. of Health and Human Services, June 1992-June 1993, \$79,680.
- Research Faculty Fellowship in the Economics of Health Care and Aging, National Institute of Aging and National Bureau of Economic Research, 1995-1996
- Faculty Fellow, Hartford Geriatrics Initiative Faculty Development Program, University of Chicago, 20% effort, 1996-1997.
- Faculty Trainee, Geriatric Academic Program Faculty Development Grant, National Institute of Aging, 1996-2001, 75% effort, \$493,776.
- Principal Investigator, "Does Quality-Adjusted Life Expectancy Predict Patient Preferences for Treatment in IDDM," Pilot and Feasibility Study, University of Chicago Diabetes Research and Training Center Grant, National Institute of Diabetes and Digestive and Kidney Diseases, 12/1/1996-11/30/1998, \$49,725.
- Principal Investigator, "Randomized Clinical Trial of Hospitalist Care on the General Medicine Service," University of Chicago Hospitals, 7/1/97-6/30/98, renewed 7/1/98 6/30/99 and 7/1/99-6/30/01, \$320,000.
- Principal Investigator, Robert Wood Johnson Generalist Physician Scholar Program,
 "Accounting for Future Costs in Medical Cost-Effectiveness Analysis from Theory to
 Practice," 7/1/1998 6/30/2002, \$239,741.
- Principal Investigator, "A Micro-Simulation Model of the Benefits and Costs of Prostate Cancer Screening and Treatment," U.S. Army Medical Research and Material Command Prostate Cancer Research Program, 7/1/1998- 12/31/2000, \$402,989.
- Faculty Fellow, John M. Olin Foundation Faculty Fellowship Program, 7/1/99-10/1/00, \$108,917.
- Principal Investigator, "Randomized Clinical Trial of Hospitalists on the General Medicine Service at the University of Chicago," Charles E. Culpeper Foundation and Rockefeller Brothers Fund, Inc., 7/1/99 6/30/01, \$149,340.

Principal Investigator, "Longitudinal Effects of Hospitalists on Costs and Outcomes on an Academic General Medicine Service," Academic Medicine and Managed Care Forum, Aetna Quality Care Research Fund, 01/01/01 – 12/31/03, \$359,527.

- Principal Investigator, "A Multi-Center Trial of Academic Hospitalists." Agency for Healthcare Research and Quality, 07/01/01-06/30/04, \$2,608,095. R01-HS10597.
- Principal Investigator, "Cost-Effectiveness of Prostate Cancer Screen/Treatment." National Cancer Institute, 09/01/01-08/31/03, \$1,142,433. R01-CA92443.
- Principal Investigator, "Effects of Preference Heterogeneity and Patient Self-Selection on Medical Cost-Effectiveness." Ad Hoc Group on the Economics of the Pharmaceutical Industry, 07/01/02 06/30/03, \$50,000.
- Key Investigator, "Creating High Reliability Health Care Organizations" with Stephen Small (Principal Investigator) Funded by the Agency for Healthcare Research and Quality, 09/30/01-09/24/04, \$480,000. P20HS 1153.
- Principal Investigator, "Clinical Scholars Program." Robert Wood Johnson Foundation, 07/01/01 06/30/05 \$411,764.
- Co-Investigator, "Neighborhood Context and the Health of Older Adults" with Kate Cagney (Principal Investigator). NIH, 10/01/03 03/31/08 \$250,000 1 RO1 AG022488-01
- Co-Investigator, "Curriculum for the Hospitalized Aging Medical Patient (CHAMP)" with Greg Sachs (Principal Investigator). Donald W. Reynolds Foundation, 07/01/03 06/30/07 \$1,975,067. (~\$700,000 to support hospitalist data collection infrastructure and associated analysis.)
- Principal Investigator, "Effects of Heterogeneity and Self-Selection on the Cost-Effectiveness of Treatment for Type 2 Diabetes". Centers for Disease Control, 10/01/03-9/30/06, \$600,000.
- Co-Investigator, "Primary Care Clinical Scholars, Faculty Development" with Bernard Ewigman (Principal Investigator). Centers for Disease Control, 7/01/04-6/30/07, \$166,122. HRSA-04-015.
- Principal Investigator, "MD/PhD Program in Medicine, the Social Sciences, and Aging". National Institute of Aging, 05/01/2004 04/30/2009, \$783,600. T32 AG023496-01.
- Principal Investigator, "Chicago Center of Excellence in Health Promotion Economics". Centers for Disease Control, 9/01/04-8/31/07, \$3,000,000. 1P30CD000147-01.
- Principal Investigator, "Evaluation of TEACH Research". National Institute of General Medical Studies, 9/01/05-09/01/09, \$1,800,000. 1 RO1 GM075292-01.
- Principal Investigator, "University of Chicago Center of Pharmaceutical Policy Research", Merck Foundation, 1/1/06 12/31/08, \$600,000.
- Principal Investigator, "Effects of Hospitalists in Medicare Data" National Institute of Aging, R21. Awaiting Council review, Score 135, 3.5%ile, 7/1/2007-7/1/2009, \$268,625.