

**RICHARD GABRIEL FRANK**

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**EDUCATION**

Boston University  
Ph.D. in Economics, Awarded January 1982  
Dissertation: "Pricing and Location of Physician Services in Mental Health"  
(Accepted with Distinction, May 1981).

Bard College  
B.A. in Economics, May 1974

Honors: 1979 - Dissertation Award from the Pharmaceutical Manufacturers Association  
1979 - Honorable Mention Abt Economic Policy Essay Competition  
1980 - Dissertation Support from Foundations Fund for Research in Psychiatry  
1986 - New Investigator Research Award, NIMH  
1988 - Delta Omega (Public Health Honorary Society)  
1993 - Georgescu-Roegen Award (Best Paper in 1992-93) Southern Economic Association  
(with David S. Salkever)  
1996 - Fellow of the Association for Health Services Research  
1997 - Member, Institute of Medicine  
1998 - Carl A. Taube Award, American Public Health Association  
2001 - Emily Mumford Medal, Columbia University, Department of Psychiatry  
2002 - John Eisenberg Mentorship Award, National Research Service Awards  
2003 - MarketScan Investigator Award, Thomson Medstat  
2005 - John Dewey Public Service Award, Bard College  
2008 - NIHCM Best Paper; 2007 (with Richard Zeckhauser)  
2011 - Distinguished Service Award, Mental Health Association of Maryland  
2012 – Elected to the National Academy of Social Insurance 2012  
2013 – Best Paper Award Applied Economic Perspectives and Policy 2012  
2015- Recognition for Achievements; Association of County Behavioral Health Programs

**CURRENT POSITIONS**

Margaret T. Morris Professor of Health Economics	1999- present
Department of Health Care Policy	
Harvard University Medical School	

Affiliated Faculty Center on the Developing Child Harvard University	2009 - Present
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Research Associate National Bureau of Economic Research Cambridge, MA/New York, NY	1987 - Present
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**PAST POSITIONS**

Assistant Secretary for Planning and Evaluation U.S. Department of Health and Human Services Washington D.C. (Confirmed by the Senate May 22, 2014)	2014 - 2016
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Deputy Assistant Secretary for Planning and Evaluation, U.S.D.H.H.S Office of Disability, Aging, and Long-Term Care Policy	2009 - 2011
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Vice-Chair Citizens Health Care Working Group (Appointed June 2006)	2006 -2007
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Member Citizens Health Care Working Group (Appointed by Comptroller General March 10, 2005)	2005 – 2006
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Member Substance Abuse and Mental Health Service Administration Advisory Council U.S.D.H.H.S.	1996 - 2000
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Professor of Health Economics Department of Health Care Policy Harvard University Medical School	1994 - 1999
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Commissioner Health Services Cost Review Commission State of Maryland	1989 - 1994
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Deputy Director Center on Organization and Financing of Care for the Severely Mentally Ill	1990 - 1994
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Professor Department of Health Policy and Management School of Hygiene and Public Health Johns Hopkins University	1991 - 1994
Staff Member President's Task Force on Health Care Reform	1993
Associate Professor Department of Health Policy and Management School of Hygiene and Public Health Johns Hopkins University	1986 - 1991
Faculty Research Fellow National Bureau of Economic Research Cambridge, MA/New York, NY	1983 - 1987
Assistant Professor Department of Health Policy and Management School of Hygiene and Public Health Johns Hopkins University	1984 - 1986
Assistant Professor of Psychiatry University of Pittsburgh Pittsburgh, PA	1981 - 1984
Senior Fellow/Visiting Assistant Professor of Economics University of Pittsburgh Pittsburgh, PA	1980 - 1981
Economist Division of Biometry and Epidemiology National Institute of Mental Health Rockville, MD	1979 - 1980
Teaching Fellow Department of Economics Boston University Boston, MA	1977 - 1979
Peace Corps Volunteer Republic of Botswana, Africa	1975 - 1976

**PUBLICATIONS (REFEREED JOURNALS)**

1. Frank RG. "Cost Benefit Analysis in Mental Health: A Review of the Literature," *Administration in Mental Health*, 8(3):161-176, 1981.
2. Frank RG and Welch WP. "The Contracting of State of Mental Hospital Systems," *Journal of Health Politics Policy and Law*, 7(2):676-683, 1982.
3. Frank RG. "Freedom of Choice Laws: An Empirical Test of Their Contribution to Competition in Mental Health Care Delivery," *Health Policy Quarterly*, 2(2):79-97, 1982.
4. Frank RG and Herring J. "Public Provision of Mental Hospital Services: Some Economic Issues," *Administration in Mental Health*, 10(4):288-305, 1983.
5. Welch WP, Frank RG and Costello AJ. "Missing Data in Psychiatric Research: A Solution," *Psychological Bulletin*, 94(1):177-180, 1983.
6. Frank RG. "Is There a Shortage of Psychiatrists?" *Community Mental Health Journal*, 19(1):42-53, 1983. (Reprinted Yearbook of Psychiatry)
7. Frank RG. "Pricing and Location of Physician Services in Mental Health," *Economic Inquiry*, 23:115-133, January 1985.
8. Frank RG and Kessler LG. "Economic Grand Rounds: State Medicaid Limitations for Mental Health Services," *Hospital and Community Psychiatry Journal*, 35(3):213-216, March 1984. (Invited paper)
9. Frank RG. "Rationing of Mental Health Services: Simple Observations on the Current Approach and Future Prospects," *Administration in Mental Health*, 13(1):22-29, Fall 1985.
10. Frank RG and Welch WP. "Competitive Effects of HMOs: A Review of the Evidence," *Inquiry*, 22(2):148-161, Summer 1985.
11. Frank RG. "A Model of State Expenditures on Mental Hospital Services," *Public Finance Quarterly*, 13(3):319-338, 1985.
12. Frank RG and McGuire TG. "Demand and Utilization of Mental Health Services: A Review of the Evidence," *Health Services Research*, 21(2):241-265, Summer 1986.
13. Frank RG and Kamlet MS. "Direct Costs and Expenditures for Mental Health Care in the US: 1980," *Hospital and Community Psychiatry Journal*, 36(2):165-168, February 1985. (Reprinted Yearbook of Psychiatry)
14. Frank RG, et al. "Research Selection Bias and the Prevalence of Depressive Disorders in Psychiatric Facilities," *Journal of Consulting and Clinical Psychology*, 53(3):370-376, 1985.

15. Needleman HL, Geiger SK and Frank RG. "Lead and IQ Scores: A Re-Analysis," *Science*, 227:701-704, 1985.
16. Frank RG and Lave JR. "The Impact of Benefit Design on Length of Stay and Transfers to Residential Settings for Medicaid Psychiatric Patients," *Hospital and Community Psychiatry*, 36(7):749-754, July 1985.
17. Frank RG and Lave JR. "The Psychiatric DRGs: Are They Different," *Medical Care*, 23(11):1148-1155, October 1985.
18. Frank RG and Lave JR. "Prospective Payment for Inpatient Psychiatric Care: An Alternative to the Per Case Method," *Hospital and Community Psychiatry*, 36(7):775-779, July 1985.
19. Welch WP and Frank RG. "The Predictors of HMO Enrollee Populations: Results from a National Sample," *Inquiry*, 23(1):16-23, Spring 1986.
20. Frank RG and Lave JR. "The Effect of Benefit Design on the Length of Stay of Medicaid Psychiatric Patients," *Journal of Human Resources*, 23(1):16-22, Summer 1986.
21. Frank RG and Kamlet MS. "Quality, Quantity and Total Expenditures on Publicly Provided Goods: The Case of Public Mental Hospitals," *Journal of Public Economics*, 29:295-316, April 1986.
22. Seidman R and Frank RG. "Hospital Responses to Incentives in Alternative Reimbursement Systems," *Journal of Behavioral Economics*, 14:155-180, 1985.
23. Schulberg HC, Saul M, McClelland M, Ganguli M, Christy W, and Frank RG. "Assessing Depression in Primary Medical and Psychiatric Practices," *Archives of General Psychiatry*, 42:1164-1170, 1985.
24. Frank RG and Lave JR. "Per Case Prospective Payment for Psychiatric Inpatients: An Assessment and An Alternative," *Journal of Health Politics Policy and Law*, 11(1):83-96, Spring 1986.
25. Frank RG and Kamlet MS. "Nonmarket Resource Allocation in Mental Health Care: Interdependencies in a Fragmented World," *American Behavioral Scientist*, 30(2):201-230, November/December 1986.
26. Frank RG and Taube CA. "Technical and Allocative Efficiency in Production of Outpatient Mental Health Clinic Services," *Social Science and Medicine*, 24(10):843-850, 1987.
27. Frank RG, German PS, Burns BJ, Johnson W, and Miller N. "Use of services by Cognitively Impaired Elderly Persons Residing in the Community," *Hospital and Community Psychiatry*, 39(5):555-557, May 1988.

28. Frank RG, Weiner JP, Steinwachs DM and Salkever DS. "Economic Rents Derived from Hospital Privileges in the Market for Podiatric Services," *Journal of Health Economics*, 6(4):319-337, 1987.
29. Weiner JP, Steinwachs DM, Frank RG and Swartz K. "Foot Surgery in the U.S.: The Roles of DPMs and Orthopedic Surgeons," *American Journal of Public Health*, 77(8):987-992, August 1987.
30. Stoudemire A, Frank RG, Hedemark N, et al. "The Economic Burden of Depression," *General Hospital Psychiatry*, 8:387-394, 1986.
31. Frank RG. "On Making the Illustration Illustrative: A Comment on Banker, Conrad and Strauss," *Management Science*, 34(8):1026-1029, August 1988.
32. Taube CA, Lave JR, Rupp A, Goldman HH, and Frank RG. "Psychiatry Under PPS: The First Year," *American Journal of Psychiatry*, 145(2):210-214, February 1988.
33. Frank RG. "Use of Mental Health Services and Persistence of Emotional Distress: An Exploratory Analysis," *Medical Care*, 26(12):1203-1215, December 1988.
34. Frank RG and Kamlet MS. "Provider Choice for Treatment of Mental Disorder: The Impact of Health and Mental Health Status," *Health Services Research*, 24(1):83-103, April 1989.
35. Lave JR, Frank RG, Rupp A, et al. "The Decision to Seek an Exemption from PPS," *Journal of Health Economics*, 7(2):165-172, 1988.
36. Lave JR, and Frank RG. "Factor Affecting Medicaid Patients' Length of Stay in Psychiatric Units: The Effect of Provider Incentives," *Health Care Financing Review*, 10(2):57-66, Winter 1988.
37. Lave JR, Frank RG, Taube CA, et al. "PPS and Psychiatry: The First Year," *Inquiry*, 25(3): 354-363, Fall 1988.
38. Frank RG and Jackson CA. "The Impact of Prospectively Set Hospital Budgets on Psychiatric Admissions," *Social Science and Medicine*, 28(8):861-867, Winter 1989.
39. Frank RG and Gertler P. "An Assessment of Measurement Error Bias for Estimating the Impact of Mental Distress on Earnings," *Journal of Human Resources*, 26(1):154-164, 1991.
40. Frank RG. "Regulatory Policy and Information Deficiencies in the Market for Mental Health Services," *Journal of Health Politics, Policy and Law*, 14(3):477-503, 1989.
41. Frank RG. "Economic Grand Rounds: The Medically Indigent Mentally Ill: Approaches to Financing," *Hospital and Community Psychiatry*, 40(1):9-12, 1989. (Invited Paper)
42. Frank RG and Goldman HH. "Financing Care of the Severely Mentally Ill: Incentives, Contracts and Public Responsibility," *Journal of Social Issues*, 45(3):131-144, 1989.

43. Frank RG and Gertler PJ. "The Effect of Medicaid Policy on Mental Health and Poverty," *Inquiry*, 26(2):283-291, Summer 1989.
44. Frank RG and Lave JR. "A Comparison of Hospital Responses to Reimbursement Policies for Medicaid Psychiatric Patients," *Rand Journal of Economics*, 20(4):588-600, 1989.
45. Frank RG and Kamlet MS. "Economic Aspects of Mental Health Care: Cost Variation By Setting," *General Hospital Psychiatry*, 12:11-18, 1990.
46. Frank RG, Salkever DS. and Mullan F. "Hospital Ownership and Care of Uninsured and Medicaid Patients: Findings from the Hospital Discharge Survey 1979-1984," *Health Policy*, 14:1-11, 1990.
47. Frank RG and McGuire TG. "Compulsory Employer-Based Health Insurance and Coverage for Mental Health Services," *Health Affairs*, 9(1):31-42, 1990.
48. Lave JR and Frank RG. "The Effect of the Structure of Hospital Payment on Length of Stay," *Health Services Research*, 25(2):327-348, 1990.
49. Javitt JC, Canner JK, Frank RG, et al. "Detecting and Treating Retinopathy in Type I Diabetics," *Ophthalmology*, 97(4):483-494, 1990.
50. Goldman HH, Lehman AF, Morrissey JP, Newman SJ, Frank RG, and Steinwachs DM. "Design for the National Evaluation of the Robert Wood Johnson Foundation Program on Chronic Mental Illness," *Community Psychiatry*, 41(11):1217-1221, 1990.
51. Frank RG and Salkever DS. "Non-Profit Providers of Mental Health Care: Privileges and Responsibilities," *Administration and Policy in Mental Health*, 18(3):195-198, 1991.
52. Solomon L, Frank RG, Vlahov D and Astembroski J. "Utilization of Health Services of Intravenous Drug Users with Known Serostatus," *American Journal of Public Health*, 81(10):1285-1290, 1991.
53. Frank RG, Salkever DS and Sharfstein SS. "A Look at Rising Mental Health Insurance Costs," *Health Affairs*, 10(2):116-124, 1991.
54. Frank RG and Salkever DS. "The Supply of Charity Services by Non-Profit Hospitals: Motives and Market Structure," *Rand Journal of Economics*, 22(3):430-445, 1991.
55. Frank RG, McGuire TG and Salkever DS. "Benefit Flexibility, Cost Shifting and Mandated Mental Health Coverage," *Journal of Mental Health Administration*, 18(3):264-271, 1991.
56. Frank RG, Strobino DM, Salkever DS. and Jackson CA. "Updated Estimates of the Impact of Prenatal Care on Birthweight Outcomes by Race," *Journal of Human Resources*, 27(4):629-642, 1992.

57. Frank RG and Dewa C. "Insurance, System Structure and the Use of Mental Health Services by Children and Adolescents," *Clinical Psychology Review*, 12:829-840, 1992.
58. Frank RG and Gertler PJ. "Mental Health and Marital Stability," *International Journal of Law and Psychiatry*, 14:377-386, 1991.
59. Frank RG. "Research on Organization and Financing of Care for Individuals with Severe Mental Illness," *Administration and Policy in Mental Health*, 19(2), Spring 1992.
60. McGuire TG, Frank RG and Goldman HH. "Designing a Benefit Plan for Child and Adolescent Mental Health Services," *Administration and Policy in Mental Health*, 19(3):151-157, 1992.
61. Klepper S, Kamlet MS and Frank RG. "The Impact of Measurement Error on Estimates of Pollution Effects in Health Production Functions," *Journal of Environmental Economics and Management*, 24:190-211, 1993.
62. Frank RG, Goldman HH, and McGuire TG. "A Model Mental Health Benefit," *Health Affairs*, 11(3):98-117, 1992.
63. Frank RG and Salkever DS. "Pricing, Patent Loss and the Market for Pharmaceuticals," *Southern Economic Journal*, 59(2):165-179, 1992.
64. Strobino DM, Kane LP, Frank RG and DeCoster E. "Trends in Publicly Financed Prenatal and Related Services 1975-1984," *Journal of Public Health Policy*, 13(3):277-290, 1992.
65. Goldman HH, Morrissey JP, Ridgely S, Frank RG, Newman SJ, Kennedy C. "Lessons From the Program on Chronic Mental Illness," *Health Affairs*, 11(3):52-68, 1992.
66. Strobino DM, Frank RG, et al. "Development of an Index of Maternal Transport," *Medical Decision Making*, December 1993.
67. Frank RG, Jackson CA, and Lynch FL. "The Structure of Economic Incentives in the Robert Wood Johnson/HUD Program on Chronic Mental Illness," *Journal of Mental Health Administration*, Spring 1993.
68. Steinwachs DM, Cullum HM, Dorwart RA, Flynn L, Frank RG, et al. "Service Systems Research," *Schizophrenia Bulletin*, 18(4):627-668, 1992.
69. Frank RG and Gaynor MS. "Organizational Failure and Government Transfers: Evidence from an Experiment in the Financing of Mental Health Care," *Journal of Human Resources*, 29(1): 108-125, 1994.
70. Arons BS, Frank RG, Goldman HH, McGuire TG and Stephens S. "Mental Health and Substance Abuse Coverage Under National Health Reform," *Health Affairs*, 13(1):192-205, 1994.

71. Frank RG, McGuire TG, Regier DA, et al. "Paying for Mental Health and Substance Abuse Care," *Health Affairs*, 13(1):337-342, Spring 1994.
72. Frank RG and Gaynor MS. "Fiscal Decentralization of Public Mental Health Care and the Robert Wood Johnson Program on Chronic Mental Illness," *Milbank Quarterly*, 72(1):81-104, 1994.
73. Frank RG and Salkever DS. "Nonprofit Organizations in the Health Sector" *Journal of Economic Perspectives*, 8(4):129-144, 1994 (reprinted in *Problemi Di Amministrazione Pubblica* as "Le organizzazioni non-profit del settore sanitario" Anno XX, N. 4/1995).
74. Goldman HH, Frank RG and Gaynor MS. "What Level of Government? Balancing the Interests of the State and the Local Community," *Administration and Policy and Mental Health*, (Summer 1995).
75. Frank RG, Goldman HH, and McGuire TG. "Distributional Consequences of Reform of Mental Health Care Financing," *Hospital Community Psychiatry*, 45(9):906-910, 1994.
76. Frank RG, Dewa C, Holt E, et al. "The Demand for Childhood Immunizations: Results from the Baltimore Immunization Study," *Inquiry*, 32:1-10, Summer 1995.
77. Frank RG and Gaynor MS. "Incentives, Optimality and Publicly Provided Goods: The Case of Mental Health Services," *Public Finance Quarterly*, 23(2):167-192, 1995.
78. Frank RG and Brookmeyer R. "Managed Mental Health Care and Patterns of Inpatient Utilization for Treatment of Depression," *Social Psychiatry and Epidemiology*, August 30, 1995.
79. Frank RG and McGuire TG. "Estimating the Costs of Mental Health and Substance Abuse Coverage for Public Policy," *Health Affairs*, 14 (3):102-115, 1995.
80. Frank RG, McGuire TG, Newhouse JP. "Risk Contracts in Managed Mental Health Care," *Health Affairs*, 14(3):50-64, 1995.
81. Goldman HH and Frank RG. "Health Care Reform and Mental Health Benefits in the USA: A Measure of Success," *Current Opinion in Psychiatry*, 8:69-71, 1995.
82. Kessler RG, Nelson GB, McGonagle KA, Edlund MJ, Frank RG, Leaf PJ. "The Epidemiology of Co-occurring Addictive and Mental Disorders: Implications for Prevention and Services Utilization," *Journal of Orthopsychiatry*, 66(1):17-31, 1996.
83. Frank RG, Huskamp HA, McGuire TG and Newhouse JP. "Some Economics of the Mental Health Carve-Outs," *Archives of General Psychiatry*, 53:933-937, 1996.
84. Frank RG and Huskamp HA. "Shaping National Policy: Delegation and Decentralization of Mental Health Care," *Current Opinion in Psychiatry*, 9:171-174, 1996.

85. Kessler RC, Frank RG, Edlund M, et al. "Differences in the Use of Psychiatric Outpatient Services Between the United States and Ontario," *New England Journal of Medicine*, 336(8): 551-557, 1997.
86. Frank RG and Salkever DS. "Generic Entry and the Pricing of Pharmaceuticals," *Journal of Economics and Management Strategy*, 6(1):75-90, 1997.
87. Katz SJ, Kessler RC, Frank RG, et al. "Mental Health Care Use, Morbidity and Socioeconomic Status in the U.S. and Ontario," *Inquiry*, 34:38-49, 1997.
88. Berndt E, Frank RG, and McGuire TG. "Alternate Insurance Arrangements and the Treatment of Depression: What are the Facts?" *American Journal of Managed Care*, 3(2):243-252, 1997.
89. Katz SJ, Kessler RC, Frank RG, et al. "The Use of Outpatient Mental Health Services in the United States and Ontario: The Impact of Mental Morbidity and Perceived Need for Care," *American Journal of Public Health*, 87(7):1136-1143, 1997.
90. Kessler RC and Frank RG. "The Impact of Psychiatric Disorders on Work Loss Days," *Psychological Medicine*, 27:861-873, 1997. PMID:9234464
91. Frank RG, Koyanagi C, McGuire TG. "The Politics and Economics of Mental Health 'Parity' Laws," *Health Affairs*, 16(4):108-119, 1997.
92. Frank RG, McGuire TG, Bae J, Rupp A. "Solutions for Adverse Selection in Behavioral Health Care," *Health Care Financing Review*, 18(3):109-122, 1997.
93. Frank RG and McGuire TG. "Savings from a Carve-Out Program for Mental Health and Substance Abuse in Massachusetts Medicaid," *Psychiatric Services*, 48(9):1147-1152, 1997.
94. Ettner SL, Frank RG, and Kessler RC. "The Impact of Psychiatric Disorder on Labor Market Outcomes," *Industrial and Labor Relations Review*, 51(1):64-81, 1997.
95. Spencer C, Shelton D and Frank RG. "The Market for Residential and Day Schools for Children with SED," *Journal of Mental Health Administration*, 24(1):72-81, 1997.
96. Frank RG, Busch SH, and Berndt ER. "Measuring Prices and Quantities for Treatment of Depression," *American Economic Review*, 88(2):106-111, 1998.
97. Huskamp HA, Azzone V, Frank RG. "Carve-outs, Women, and the Treatment of Depression," *Women's Health Issues*, 8(5):267-82, 1998.
98. Klassen AC, Klassen DK, Brookmeyer R, Frank RG, and Marconi K. "Factors Influencing Waiting Time and Successful Receipt of Cadaveric Liver Transplant in the United States," *Medical Care*, 36(3):281-294, 1998.

99. Lave JR, Frank RG, Schulberg HC, and Kamlet MS. "Cost-effectiveness of Treatments for Major Depression in Primary Care Practice," *Archives of General Psychiatry*, 55(7):645-651, 1998. PMID:9672056
100. Frank RG and McGuire TG. "The Economic Functions of Carve-outs in Managed Care," *The American Journal of Managed Care*, 4(SP):SP31-SP39, 1998.
101. Ettner SL, Frank RG, McGuire TG, Newhouse JP, and Notman EH. "Risk Adjustment of Mental Health and Substance Abuse Payments," *Inquiry*, 35(2):223-239, 1998.
102. Frank RG and McGuire TG. "Parity for Mental Health and Substance Abuse Care under Managed Care," *The Journal of Mental Health Policy and Economics*, 1:153-159, 1998.
103. Kessler RC, Zhao S, Katz SJ, Kouzis AC, Frank RG, Edlund M, and Leaf P. "Past-Year Use of Outpatient Services for Psychiatric Problems in the National Comorbidity Survey," *The American Journal of Psychiatry*, 156(1):115-123, 1999.
104. Lehman AF, Dixon L, Hoch JS, Deforge B, Kernan E, and Frank RG. "Cost-Effectiveness of Assertive Community Treatment for Homeless Persons with Severe Mental Illness," *British Journal of Psychiatry*, 174(98.439):1-7, 1999.
105. Rosenthal MB, Geraty RD, Frank RG, and Huskamp HA. "Psychiatric Provider Practice Management Companies: Adding Value to Behavioral Health Care?" *Psychiatric Services*, 50(8):1011-1013, 1999.
106. McCarty D, Frank RG, and Denmead G. "Methadone Maintenance and State Medicaid Managed Care Programs," *Milbank Quarterly*, 77(3):341-362, 1999.
107. Frank RG, McGuire TG, Normand SL, and Goldman HH. "The Value of Mental Health Services at the Systems Level: The Case of Treatment for Depression," *Health Affairs*, 18(5): 71-88, 1999.
108. Kessler RG, Barber C, Birnbaum HG, Frank RG, et al. "Depression in the Workplace: Effects on Short-Term Disability," *Health Affairs*, 18(5):163-171, 1999.
109. Huskamp HA, Rosenthal MB, Frank RG and Newhouse JP. "The Medicare Prescription Drug Benefit: How Will the Game Be Played?" *Health Affairs*, 19(2):8-23, 2000.
110. Frank RG. "The Creation of Medicare and Medicaid: The Emergence of Insurance and Markets for Mental Health Services." *Psychiatric Services*, 51(4):465-468, 2000.
111. Ettner SL, Frank RG, Mark T and Smith MW. "Risk Adjustment of Capitation Payments to Behavioral Health Care Carve-Outs: How Well Do Existing Methodologies Account for Psychiatric Disability?" *Health Care Management Science*, 3: 159-169, 2000.

112. Ettner SL, Frank RG, McGuire TG and Hermann RC. "Risk Adjustment Alternatives in Paying for Behavioral Health Under Medicaid." *Health Services Research*, 36(4) 793-812, 2001.
113. Frank RG, Glazer J and McGuire TG. "Measuring Adverse Selection in Managed Health Care." *Journal of Health Economics*, 19(6): 829-854, 2000.
114. Donohue JM and Frank RG, "Medicaid Behavioral Health Carve-Outs: A New Generation of Privatization Decisions." *Harvard Reviews of Psychiatry*, 8(5): 231-241, 2000.
115. Sullivan EM, Griffiths RI, Frank RG, Strauss MJ, Herbert RJ, Clouse J and Goldman HH. "One-Year Costs of Second-Line Therapies for Depression." *Journal of Clinical Psychiatry*, 61(4): 290-298, 2000.
116. Cutler DM, Epstein AM, Frank RG, Hartman R, King C, Newhouse JP, Rosenthal MB & Vigdor ER. 'How Good a Deal Was the Tobacco Settlement?: Assessing Payments to Massachusetts.'" *Journal of Risk and Uncertainty*, 21:2/3: 235-261, 2000.
117. Horvitz-Lennon M, Normand SL, Gaccione P and Frank RG. "Partial vs. Full Hospitalization for Adults in Psychiatric Distress: A Systematic Review of the Published Literature." *American Journal of Psychiatry*, 158(5), 2001.
118. Frank RG. "Prescription Drug Prices: Why Do Some Pay More Than Others Do?" *Health Affairs*, 20(2): 115-128, 2001.
119. Rosenthal MB, Frank RG, Buchanan JL and Epstein AM. "Scale and Structure of Capitated Physician Organizations in California." *Health Affairs*, 20(4): 109-119, 2001.
120. Frank RG & Rosenthal MR. "Health Plans and Selection: Formal Risk vs. Market Design and Contracts." *Inquiry*, 38(3): 290-298, 2001.
121. Frank RG, Goldman HH & McGuire TM. "Will Parity in Coverage Result in Better Mental Health Care." *New England Journal of Medicine*, 345(23): 1701-1704, 2001.
122. Rosenthal MB, Berndt ER, Donohue JM, Frank RG & Epstein AM. "Promotion of Prescription Drugs to Consumers." *New England Journal of Medicine*, 346(7): 498-505, 2002.
123. Barry CL and Frank RG. "Economics and the Surgeon General's Report on Mental Health" *Psychiatric Services*, 53(4):40-411, 2002.
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125. Normand SLT, Frank RG and McGuire TG. "Using Elicitation Techniques to Estimate the Value of Ambulatory Treatments for Major Depression" *Medical Decision Making* 22:245-261, 2002.

126. Rosenthal MB, Frank RG, Buchannan J and Epstein AM. "Transmission of Financial Incentives to Physicians by Intermediary Organizations in California" *Health Affairs*, 197-205, July-August, 2002.
127. Frank RG, Goldman HH, and Hogan M. "Medicaid and Mental Health: Be Careful What You Ask For" *Health Affairs*, 22(1):101-113, 2003. Reprinted in JK Iglehart (Ed) Debating Health Care: A Health Affairs Retrospective. Millwood: Project Hope 2007.
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129. Frank RG. "New Estimates of Drug Development Costs" *Journal of Health Economics* 22: 325-330, 2003.
130. Frank RG. "Government Commitment and Regulation of Prescription Drugs" *Health Affairs* 22(3):46-48, 2003.
131. Hortivz-Lennon M, Normand SLT, Frank RG and Goldman HH. "Usual Care for Major Depression in the 1990's: Characteristics and Expert-Estimated Outcomes" *American J. Psychiatry*, 160(4):1-7, 2003.
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139. Frank R.G., Berndt E.R., Busch A.B., Lehman A.F. "Quality-Constant Price Indexes for the Ongoing Treatment of Schizophrenia: an Exploratory Study" *Quarterly Review of Economics and Finance* 44(3):390-409, July 2004. *PMCID* 1948835
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42. Lave JR and Frank RG. "Incorporating Cost-Effectiveness Analyses into Clinical Trials," In Biostatistics in Clinical Trials Redmond CK and Colton T (Eds.), Chichester: John Wiley and Sons, Ltd., 2001.
43. Frank RG, "A Comment on Phillipson and Ladkawalla," In Medical Output and Productivity Berndt ER and Cutler DM (Eds.), Chicago: University of Chicago Press for the National Bureau of Economic Research, 2001.

44. Berndt ER, Busch SH, and Frank RG. "Price Indexes for Acute Phase Treatment of Depression," In Medical Output and Productivity Cutler DM and Berndt ER (Eds.), Chicago: University of Chicago Press for the National Bureau of Economic Research, 2001.
45. Busch SH, Berndt ER and Frank RG. "Creating Price Indexes for Measuring Productivity in Mental Health Care," In Frontiers of Health Policy Garber A (Ed.), Chicago: University of Chicago Press for the National Bureau of Economic Research, Vol. 4, 2001.
46. Frank RG and McGuire TG. "The Mental Health Economic and Mental Health Economics", In Mental Health United States 2000 Manderscheid R and Henderson M (Eds.) Washington, D.C.: USGPO, 2001.
47. Frank RG, and McGuire TG. "Setting Payments in the Ticket to Work Program: Applying Experience from Capitation Payments in Health Insurance" In Paying for Results in Vocational Rehabilitation Rupp K. and Bell SH. (Eds.) Washington, D.C.: Urban Institute Press; 2003.
48. Frank RG, Lave J. "Economics" In Managed Behavioral Health Services Feldmen S, (Ed.) Springfield, IL, Charles C Thomas Publisher; 2003.
49. Rosenthal MB, Berndt ER, Donohue JM, Epstein AM and Frank RG. "Demand Effects of Recent Changes in Prescription Drug Promotion" In Frontiers in Health Policy Research Culter D. and Garber A (Eds.) Cambridge: MIT Press vol. 6, 2003.
50. Mrazek M, and Frank RG. "The Off-Patent Pharmaceutical Market" in Regulating Pharmaceuticals in Europe: Striving for Efficiency, Equity and Quality Mossialos E ,Mrazek M, and Walley T. (Eds.)Berkshire, UK: Open University Press; 2004.
51. Conti RM, Frank RG, and McGuire TG. "Insuring Mental Health Care in the Age of Managed Care" in Mental Health Services Levin B, Petrila J and Hennessy KD. (Eds.) Oxford University Press, 2<sup>nd</sup> Edition, 2004.
52. Frank RG, and McGuire TG. "Integrating People with Mental Illness into Health Insurance and Social Services" in Policy Changes in Modern Health Care Mechanic D, Rogut L, Colby D, and Knickman J. (Eds.) 2005
53. Frank RG, "Behavioral Economics and Health Economics" in Behavioral Economics and Its Applications Diamond P, and Vartiainen H. (Eds.) Princeton: Princeton University Press (2007)
54. Frank RG and Garfield RL. "Managed Behavioral Health Carve-Outs: Past Performance and Future Prospects" Annual Reviews of Public Health 2007, 28:11; 1-18.
55. Frank RG, "The Health Care Challenge: Some Perspectives from Behavioral Economics" in Wanting It All: The Challenge of Reforming the US Health Care System, Federal Reserve Bank of Boston Conferences Series 50 (61-75) 2007.

56. Berndt ER, Busch AB, Frank RG and Normand SLT: "Real Output in Mental Health Care During the 1990s" in A Garber (Ed) Frontiers of Health Care Policy, BE Press 2007
57. Frank RG and Newhouse JP. "Mending the Medicare Prescription Drug Benefit: Improving Consumer Choices and Restructuring Purchasing" in J Furman (ed) Who's Got the Cure? Hamilton Project Ideas on Health Care Brookings Institute, Washington DC, 2008.
58. Conti RM, Berndt ER, and Frank RG. "Early Retirement and DI/SSI Applications: Exploring the Impact of Depression" in DM Cutler and DA Wise (eds) Health At Older Ages Chicago: University of Chicago Press, 2008
59. Frank RG. "How Much Price Competition Can We Expect From Biosimilars?" N Mattison and J Mestre-Ferrandiz (eds) in Biosimilars: How Much Entry and Price Competition Will Result? Office of Health Economics Conference Proceedings , 2009
60. Frank RG. "Economics and Mental Health: An International Perspective" S Glied and PC Smith (eds) in Oxford Handbook of Health Economics, Oxford University Press, New York, 2011
61. Frank RG, McGuire TG. "Mental Health Treatment and Criminal Justice Outcomes" PJ Cook, Ludwig J and McCrary J (eds) in Controlling Crime: Strategies and Trade-offs, University of Chicago Press, 2010.
62. Frank RG, Domino ME. "Economic Factors in the Diagnosis and Treatment of Schizophrenia" J Lieberman (ed) in Comprehensive Care of Schizophrenia, 2012.
63. Frank RG, and SA Glied, "Health Economics and Improvements in Behavioral Health" in R Kaplan, ML Spittel and DH David (eds), Population Health: Behavioral and Social Science Insights AHRQ Publication No. 15-0002, July 2015
64. Sen, A., RG Frank, "The Role of Government: How behavioral Economics Can Inform Policies to Improve Health Behaviors" in Y Hanoch, A Barners and T Rice (eds.) Behavioral Economics and Healthy Behaviors: Key Concepts and Current Research (in press)

#### **BOOK REVIEWS**

1. Frank RG. "Professionalism and the Public Interest," *Journal of Health Politics Policy and Law* (Book Review), 7(3):746-748, Fall 1982.
2. Frank RG. "Medical Costs, Moral Choices," *Journal of Health Politics Policy and Law* (Book Review), 9(3):529-532, Fall 1984.
3. Frank RG. "Mental Health and National Health Insurance," *Journal of Health Politics Policy and Law* (Book Review), 10(1):195-197, Spring 1985.

4. Frank RG. "Is Prevention Better Than Cure?" *Journal of Economic Literature* (Book Review), 24(4):1851-52, December 1986.
5. Frank RG. "Review Essay, Measuring the Economics of Health," *Journal of Health Politics Policy and Law* (Book Review), 21(3), 1996.
6. Frank RG. "Review of Mad Science," *PsycCritiques* (Book Review), December 2013.

#### **Op Ed**

1. "Avenging the Health Care Consumer" NPR Marketplace, November 8, 2004.
2. "Casses Maladie: Pourquoi la Concurrence ne Fonctionne Pas" (with Karine Lamiraud) Le Temps (Geneva Switzerland) October 30, 2006.
3. "Easing Mental Illness Through Money" (with Sherry Glied) Boston Globe October 31, 2006.
4. "Curb Drug Spending without Hurting Drug Development" Newsweek December 1, 2007.
5. "What is Needed Next: A New Federal Office of Mental Health Policy" (with Sherry Glied) American Prospect July/August 2008.
6. "P4P Isn't the Only Tool In The Drawer" Internal Medicine News November 15, 2008.
7. "Parity is the Fair Approach" The New York Times October 14, 2011
8. "Treating the Opioid Drug Crisis: A Health and Human Services Initiative" Health Affairs Blog April 3, 2015
9. "HHS Takes Another Important Step in Our Effort to Combat Opioid Deaths" HHS blog November 19, 2015
10. " Rates of Drug Overdose Continue to Rise, More Action needed to Reverse troubling Result" HHS blog December 10, 2015
11. "Improving Access to Treatment: Expanding the Reach of Buprenorphine" ( with K. Enomoto) HHS blog March 31, 2016
12. "Measuring Progress on Mental Health and Substance use Disorder Parity" White House Blog June 7, 2016
13. "How to finish the job that the Comprehensive Addiction Recovery Act (CARA) started" Health Affairs Blog September 12, 2016
14. "Keep Obamacare to keep progress on treating opioid disorders and serious mental illnesses"

(With Sherry A. Glied), The Hill (January 11, 2017)

#### **REFEREED LETTERS**

1. Frank RG. "Economics and Mental Health Services," *American Psychologist*, 36(6):692-693, 1981.
2. Needleman HL and Frank RG. "Letter on Lead Screening Cost Effectiveness," *New England Journal of Medicine*, 1269-70, November 11, 1982.
3. Frank RG. "Letter on Cost Effectiveness of Clozapine," *Hospital and Community Psychiatry*, 42(1):92, 1991.
4. Frank RG, Koyanagi C, McGuire TG. "Mental Health Parity: The Authors Respond," *Health Affairs*, 16(6):257-258, 1997.
5. Frank RG, Goldman HH and McGuire T. Will Parity in Coverage Result in Better Mental Health Care? *New England Journal of Medicine*, 346:1030, 2002.
6. Frank RG and Newhouse JP. "The Medicare Drug Benefit: Response" *Health Affairs* April/May 2008

#### **MONOGRAPHS**

1. Frank RG and McGuire TG. A Review of Demand and Utilization of Specialty Mental Health Services American Psychiatric Association Press, Washington, DC 1984.
2. Frank RG (Guest Editor with Scheffler, R.M.) Special Issue, *Inquiry* 26(2), Summer 1989.
3. Siragelden I, Sorkin A, Frank RG. (Editors) Research on Human Capital and Development, JAI Press, Greenwich, CT 1990.
4. Frank RG and Manning WG. (Editors) Economics and Mental Health, Johns Hopkins University Press, Baltimore, MD 1992.
5. Frank RG, McGuire TG and Goldman HH. Buying in the Public Interest, Bazelon Center for Mental Health Law, Washington, DC 1996.
6. Edmunds M, Frank RG, Hogan M, et al. Managing Managed Care: Quality Improvement in Behavioral Health, Institute of Medicine, National Academy Press, Washington, DC, 1996.
7. Frank RG, Morlock LL. Managing Fragmented Public Mental Health Services, Milbank Memorial Fund: New York, NY, 1997.

8. Frank RG, Berndt ER, Donohue J, Epstein AE, Rosenthal M, Trends in Direct-to-Consumer Advertising of Prescription Drugs, Kaiser Family Foundation, Menlo Park, CA February 2002.
9. Frank RG and Glied S. Better But Not Well, Johns Hopkins University Press, Baltimore, MD 2006.
10. Frank RG, Newhouse JP: Mending the Medicare Prescription Drug Benefit: Improving Consumer Choices and Restructuring Purchasing, The Hamilton Project Discussion Paper No. 2007-03, April 2007.
11. Frank RG. Prescription Drug Procurement and the Federal Budget, The Henry J. Kaiser Family Foundation, Menlo Park, CA. Issue Brief #8307, May 2012.
12. Frank RG. Lessons for Japan from U.S. Rebalancing of Mental Health Care, A Report of the CSIS Global Health Policy Center, November 2012.

#### **GRANTS RECEIVED (PI or Co-PI Only)**

- 1979 *The Impact of Licensing Laws and Insurance Reimbursement Provisions on Mental Health Delivery*, Co-Principal Investigator with TG. McGuire and A. Klevroick  
Source: Foundations' Fund for Research in Psychiatry
- 1981 *A Study of Production and Cost in Mental Hospitals Using the Economics of the Multiproduct Firm*  
Source: National Institute of Mental Health
- 1982 *A Critical Review of the Literature of Utilization and Demand for Mental Health Services*  
Source: American Psychiatric Association
- 1983 *HMO Costs: A National Sample*  
Co-Principal Investigator with WP. Welch  
Source: NCHSR
- 1983 *Health Econometric Methods for Multimedia Pollutants*  
Co-Principal Investigator with HL. Needleman, M. Grossman, D. Coate, F. Goldman, M. Kamlet  
Source: Environmental Protection Agency
- 1983 *The Economic Consequences of Low Level Lead Exposure*  
Co-Principal Investigator with HL. Needleman  
Source: Environmental Protection Agency
- 1984 *Medicaid Financing Policy*  
Biomedical Science Research Grant  
Source: NIH/Johns Hopkins University
- 1986 *Medicaid Financing of Psychiatric Patients*  
Co-Principal Investigator with JR. Lave  
Source: NIMH

- 1986 New Investigator Research Award  
Source: National Institute of Mental Health
- 1986 *Financing Prenatal Care for the Poor and Uninsured*  
Principal Investigator with D. Strobino and D. Salkever
- 1986 *Hospital Services for the Poor and Uninsured*  
Co-Principal Investigator with D. Salkever, Principal Investigator  
Source: NCHSR
- 1987 *Assistant Director Center for Organization and Financing of the SMI*  
Co-Investigator with D. Steinwachs, Principal Investigator  
Source: NIMH
- 1988 *First Research Award*  
Source: National Institute of Mental Health
- 1989 *A Randomized Evaluation of COSTAR Source*  
Principal Investigator with W. Breakey  
Source: Kaiser Family Foundation
- 1990 *The Role of Nonprofit Providers: Policy Impacts*  
Co-Principal Investigator with D. Salkever, Principal Investigator  
Source: NIAAA
- 1991 *Public Financing Structures in Mental Health*  
Source: Robert Wood Johnson Foundation
- 1992 *State Mental Health Policy Studies*  
Co-Principal Investigator with TG. McGuire, Principal Investigator  
Source: NIMH
- 1992 *Schizophrenia PORT*  
Task Leader & Co-Principal Investigator with T. Lehman, Principal Investigator  
Source: AHCPR
- 1993 *Market for Residential and Day Treatment*  
Source: NIMH
- 1994 *Reforming Mental Health/Substance Abuse Care*  
Source: Robert Wood Johnson Foundation
- 1994 *Risk Adjustment for Mental Health and Substance Abuse*

Source: HCFA

1995 *Brandeis-Harvard University Center on Managed Care and Drug Abuse*

Co-Principal Investigator

Source: NIDA

1995 *Sloan-Harvard Center on Managed Care*

Deputy Director

Source: Sloan Foundation

1997 *Measuring Systems Cost Effectiveness for Depression*

Principal Investigator

Source: MacArthur Foundation

1997 *Management Incentives and Therapeutic Choice in Behavioral Health Care*

Principal Investigator

Source: Lilly

1998 *Organizational Factors and Financial Incentive within Physician Groups*

Co-Principal Investigator

Source: California HealthCare Foundation

1999 *Analysis of the Department of Veterans Affairs National Formulary*

Principal Investigator

Source: IOM

2000 *Price Index for Mental Health Treatments*

Principal Investigator

Source: NIMH

2000 *Primary Care Treatment of Depression*

Principal Investigator

Source: Robert Wood Johnson Foundation

2001 *Direct to Consumer Advertising of Prescription Drugs*

Principal Investigator

Source: Kaiser Family Foundation

2001 *Evaluation of Three Tiered Formularies*

Principal Investigator

Source: Robert Wood Johnson Foundation

2002 *An Analysis of Prescription Drug Discount Cards*

Principal Investigator

Source: Kaiser Family Foundation

- 2003 *Tracking Performance in Mental Health Policy*  
Co-Principal Investigator (with Sherry Glied)  
Source: MacArthur Foundation
- 2004 *Economic Impacts of New Drugs*  
Principal Investigator  
Source: NIMH
- 2004 *Social Insurance and Mental Health*  
Principal Investigator  
Source: MacArthur Foundation
- 2006 *Evaluation of IHC Demonstration*  
Principal Investigator  
Source: Hogg Foundation for Mental Health
- 2007 *Tracking the Evolution of Mental Health Delivery*  
Co-Principal Investigator  
Source: MacArthur Foundation
- 2008 *Quality and Spending on Mental Health Care*  
Principal Investigator  
Source: NIMH
- 2009 *The Role of Private Plans in Medicare –P01*  
Project 1: Beneficiary Choice and Medicare Advantage  
Principal Investigator  
Source: NIA
- 2012 *Care Coordination, Cost Savings and Quality of Care for Dually Eligible People with Mental Disorders*  
Principal Investigator  
Source: Commonwealth Fund
- 2012 *Long-term Care Insurance*  
Principal Investigator  
Source: The Scan Foundation

#### **EDITORIAL ACTIVITIES**

Co-Editor, Journal of Health Economics (2005-2014)  
Editorial Board, Health Services Research (1997-2003)  
Editorial Board, Journal of Mental Health Policy and Economics  
Editorial Board, Health Affairs (1997-2007)

Column Editor, Harvard Review of Psychiatry

Contributing Editor, Administration and Policy in Mental Health

Referee, Alcoholism: Clinical and Experimental Research

Referee, American Economic Review

Referee, American Journal of Epidemiology

Referee, American Journal of Psychiatry

Referee, American Journal of Public Health

Referee, Cambridge University Press

Referee, Canadian Journal of Economics

Referee, Duke University Press

Referee, Economic Inquiry

Referee, Family Planning Perspectives

Referee, Health Policy Quarterly

Referee, Health Services Research

Referee, Hospital and Community Psychiatry

Referee, Inquiry

Referee, JAMA

Referee, Johns Hopkins Press

Referee, Journal of Behavioral Toxicology

Referee, Journal of Health Policy

Referee, Journal of Health Politics, Policy and Law

Referee, Journal of Human Resources

Referee, Journal of the American Statistical Association

Referee, Medical Care

Referee, Millbank Memorial Fund Quarterly

Referee, New England Journal of Medicine

Referee, Psychological Bulletin

Referee, Public Finance Quarterly

Referee, Rand Journal of Economics

Referee, Review of Economics and Statistics

Referee, Social Science and Medicine

Referee, Southern Economic Journal

#### **CONSULTATIONS AND SERVICE**

Co-Chair: Fourth and Fifth Biennial NIMH Conferences on the Economics of Mental Health

Co-Chair: State of Maryland, Mental Health Mandate Review Panel, 1990 - 91

Member: NIMH Panel on Services Research Priorities for the Severely Mentally Ill

Member: American Psychiatric Association, Committee on the Future of Financing of Mental Health Services

Member: Governor's Committee on the Uninsured, 1988 - 91

Member: Technical Advisory Panel, RWJ/HCFO Initiative, 1988 - 92

Member: Executive Committee, Health Economics Committee APHA, Medical Care Section, 1990 - 92

Member: OTA Panel on Defensive Medicine, 1992 - 93

Member: Advisory Panel, Southeastern Rural Mental Health Research Center, 1993 - 1995

Member: NIAAA Panel on Effectiveness Research, 1994 - 96

Member: Institute of Medicine, Committee on Accreditation of MBHC, 1996

Member: Board on Neuroscience and Behavioral Health, Institute of Medicine, 1998 - 2004

Member: Technical Advisory Group on Drug Quality, Global Fund for AIDS, Malaria and TB, 2008

Contract Reviewer: National Institute of Mental Health

Contract Reviewer: HCFA

Reviewer: USGAO

Grant Review Consultant: National Institute of Mental Health

Member Interventions IRG: NIMH 1999-2004

Consultant: Veterans Administration: Health Services Research Grants Program

Consultant: Carter Center - Emory University

Consultant: American Psychiatric Association

Consultant: American Psychological Association

Consultant: State of Massachusetts Medicaid Program

Consultant: State of Massachusetts Department of Mental Health

Consultant: State of New York Office of Mental Health

Consultant: State of Ohio Department of Mental Health

Consultant: City of New York Office of Mental Health

Consultant: Attorney General, State of Massachusetts

### **TEACHING**

#### **Courses Taught:**

Microeconomic Models in Public Health Economics  
Empirical Basis of Mental Health Policy  
Intermediate Microeconomic Theory  
Health Economics  
Public Finance  
Mathematical Methods in Public Health Economics  
Introduction to Health Care Policy  
Industrial Organization of Health Care  
United States and the World: American Health Policy

Director, Mental Health Policy Training Program (Harvard), 1994 - 2013

Co-Director OR/Economics and Mental Health Training Program (Johns Hopkins), 1986-1990

Principal Investigator of Economics and Mental Health Training Program (Johns Hopkins), 1991-1994

Director, MHS Program in Health Finance and Management (Johns Hopkins), 1985-1987

### **ACADEMIC RESPONSIBILITIES**

Committee on Higher Degrees in Health Policy  
University Benefits Committee  
Standing Committee on Conflict of Interest  
Subcommittee of Professors

### **SELECTED PRESENTATIONS**

#### **Seminars and Invited Lectureships**

Production Functions for Inpatient Mental Health Care (World Congress on Health Economics),  
September 1980 with L. Kessler, Leyden, Holland.  
The Shrinking of State Mental Hospital Systems (Public Choice Society), March 1981 with W. P. Welch,  
New Orleans, LA.  
  
Pricing and Location of Physician Services in Mental Health (Atlantic Economic Association), August  
1981, London, England.

Updated February 22, 2017

Multi Product Production and Cost Function for Mental Hospitals (American Public Health Association), November 1982 with W. P. Welch, Montreal, Canada.

Mental Health, Social Costs and Primary Prevention (Invited Paper, World Federation for Mental Health), July 1983, Washington, DC.

Demand and Utilization of Mental Health Services: A Review of the Evidence (American Public Health Association), November 1983, Dallas, TX.

Keynote Speaker (Annual Meeting Pennsylvania Psychiatric Society), October 1984.

The Effect of Benefit Design on the Length of Stay of Medicaid Psychiatric Patients (NIMH Conference on the Economics of Mental Health), October 1984 with J.R. Lave, Berkeley, CA.

Sorting Out the Competitive Effects of HMOs (American Economic Association Meetings), December 1984 with W.P. Welch, Dallas, TX.

Evaluating the Costs of Chronic Mental Disabilities (Conference on the Economics of Disability), April 1985 with H.H. Goldman, Washington, DC.

Keynote Address (New Hampshire State Legislature Conference on Mandated Mental Health Insurance Benefits), January 1986, Concord, NH.

The Impact of PPS on Psychiatric Patients Treated in Scatterbeds (Conference on the Economics of Mental Health), July 1986, Andover, MA.

Economic Rents Derived from Hospital Privileges in the Market for Podiatric Services (MIT/Harvard Health Economics Seminar), April 1987, Cambridge, MA.

Regulatory Responses to Information Deficiency in the Market for Mental Health Services (Invited, Paper Conference on the Future of Mental Health Services).

Provider Choice for the Treatment of Mental Disorder: The Impact of Health and Mental Health Status (Association for Health Services Research), June 1987.

A Review of Research on PPS (Presentation to NIMH Review Panel on Prospective Payment Research), June 1987.

Economic Aspects of Investments in Prevention of Mental Disorders in Children and Adolescents (NIMH Conference on Financing of Mental Health Services for Children and Adolescents), February 1988.

Provider Response to Payment Methods for Psychiatric Patients (Rutgers University, Center on Organization and Financing of Care for the SMI), April 1989.

Updated February 22, 2017

Pure Versus Impure Altruism in the Non-Profit Firm's Supply of Charity Care (RAND Conference on Health Economics), March 1990.

Pricing, Patent Loss and the Market for Pharmaceuticals (Conference on Government Policies and Pharmaceutical R&D Policy: Sponsored by OTA and UC-Santa Barbara) September 1990 with David Salkever.

Financing Structures in the RWJ/HUD Program for the Chronically Mentally Ill (APHA Annual Meeting), October 1990, New York, NY.

The Health Sector (Conference on Distributional Impacts of the Nonprofit Sector, Duke University), November 1990, Durham, NC.

Government, Markets and Madness: Public Financing of Mental Health Care (Dean's Lecture, Johns Hopkins University) December 1991, Baltimore, MD.

All-Payer Price Setting in Maryland: Confessions of a Skeptical Regulator (Harvard Medical School), Spring 1992, Boston, MA.

A Model Mental Health Insurance Plan (Annual Conference of NAMI), August 1992, Washington, DC.

Public Financing of Mental Health Care in a Multi-level, Multi-agency Environment (NATO Advanced Research Workshop), September 1993, Il Ciocco, Italy.

The Uninsured and Mental Health Coverage: Implications for Health Reform (7th Biennial Conference on the Economics of Mental Health), September 1994.

Economics and the New Market for Mental Health Care (Plenary Address to NIMH Conference on Services Research), 1995

Brand Name Pricing of Drugs in Response to Generic Entry (2nd Biennial Conference on I-O and Health), September 1995, Boston, MA.

Key Note Address (12th Annual Rosalynn Carter Symposium on Mental Health Policy), November 1996, Atlanta, GA.

Constructing Quality-Adjusted Producer and Consumer Price Indexes for the Treatment of Acute Phase Depression: An Exploratory Analysis (NBER Summer Institute), July 1997, Cambridge, MA.

Price Indexes for Depression (University of Pittsburgh - Carnegie Mellon University Applied Microeconomics Workshop), March 1998, Pittsburgh, PA.

Expenditures, Productivity, and Cost Effectiveness (Carl A. Taube Award Address, APHA), November 1998, Washington, DC.

Updated February 22, 2017

Parity for Mental Health (American Enterprise Institute), December 1999, Washington, DC.

Economic Issues and Parity Within the FEHBP (RWJF/OPM Conference on Parity), June 2000, Washington, DC.

Price Indexes for Depression (Department of Economics, Columbia University), December 2000, New York, NY.

The Economics of Direct to Consumer Advertising of Prescription Drugs (ASPE Conference on DTCA), June 2001

Measuring Productivity in Treatment of Depression (Grand Rounds Department of Psychiatry, University of Connecticut) May 2002

Invited Lecture: An Assessment of Managed Behavioral Health Care (American Psychiatric Association Fall Meeting) October 2002

Measuring Value in Mental Health (Grand Rounds, Department of Psychiatry University of Maryland) May 2003

The Economics of Direct to Consumer Advertising of Prescription Drugs: Lessons from the American Experience (Graduation Lecture, Program in Health Economics and Management University of Lausanne, Switzerland) May 2003.

A Price Index for Treatment of Schizophrenia (Health Economics Association San Francisco) June 2003

Social Costs of Addictive Disorder and Economic Benefits from Treatment (Invited Lecture, International Council on Alcohol and Addictions) October 2003, Toronto, Canada.

Behavioral Economics and Health Economics (50<sup>th</sup> Anniversary Conference of the Yrö Jahnsson Foundation) Helsinki Finland, June 2004.

Parity in Private Health Insurance for Mental Health Care (Fredric G. Corneel Lecture) McLean Hospital, November 2004.

Primary Care Treatment of Depression: Economic Issues, Robert Lee Sutherland Seminar, September 2006

Cost Offsets for New Antipsychotic Drugs (Department of Economics) University of Bristol, January 2007

Mending Medicare Part D (School of Public Health) Yale University, March 2007

Better But Not Well – Mental Health Care in the US (Annual Meeting Invited Lecture) NASMHPD, July 2007

Updated February 22, 2017

Mental Health Policy Research: Uncovering Impacts, Mechanisms and New Ideas (Invited Lecture) NIMH Services Conference, July 2007

Choice Price Competition and Health Insurance, London School of Economics, January 2008

Mental Health Policy 2008: Winner's Curse? (Key Note Address) NRI Annual Conference, Washington DC February 2008.

Pay for Performance in Health Care, Cause for Optimism? (Key Note Address) Minnesota Health Services Research Conference March 2008.

Maternal Depression and Child Human Capital formation, Tanaka Business School, Imperial College London April 2009.

Mental Health in the New Era of Cost Containment, Frontiers of Science Lecture, American Psychiatric Association Annual Meeting, San Francisco, May 2009.

Gave over 30 speeches during 2009-2011 as Deputy Assistant Secretary at U.S. Department of Health and Human Services.

Keynote Speech, McLean Hospital Educational Conference, Boston MA, July 2011

A Progress Report on Mental Health Reform, Invited Lecture, Institute on Psychiatric Services, San Francisco, October 2011

Health Economics in the Political Fray, Barclay Lecture, Green-Templeton College, Oxford UK, Nov 2011

Subjective Well Being Measures and Health Policy, 2012 NAS Committee on Well-Being, Washington, DC, June 2012

Economics and Mental Health Policy: Lessons from the U.S. Keynote Lecture: European Conference in Health Economics, Zurich Switzerland, July 2012

The ACA and Behavioral Health Invited Address, 50<sup>th</sup> Anniversary Conference, Department of Mental Health, Johns Hopkins University, September 2012

The ACA and Substance Use Disorders; A Plenary Address: Addiction Health Services Research Conference, New York, NY, October 2012

Over 50 Speeches and presentations while serving as Assistant Secretary for Planning and Evaluation 2014-2016.

#### **LEGISLATIVE TESTIMONY**

New York State Assembly Bill A65 09: “Economic Issues Surrounding the Recognition of Psychologists Under Worker’s Compensation,” Prepared supporting material for New York State Assembly Bill (May 1981).

Pennsylvania H.B. 665: “Mandated Availability of Coverage for Mental Health Services in Private Insurance: Some Economic Issues,” Testimony Before Pennsylvania House of Representatives Committee on Insurance (December 1981).

Pennsylvania H.B. 1132: Mandated Coverage of Alcohol Drug Abuse and Mental Health Services,” Testimony Before House Committee on Insurance (August 1983).

Virginia Legislature: “Mandated Mental Health Benefits,” Prepared supporting material for Virginia Legislature (Winter 1989 and Fall 1990).

“Economic Issues and the Provision of Child Mental Health Services,” Testimony Presented at National Hearing on Mental Health in America, Los Angeles, CA (October 1990).

Virginia Legislature: “Mandated Mental Health Benefits: Flexibility,” Testimony Before Virginia Legislature (July 1992).

Congressional Briefing for House Mental Health Study Group, U.S. House of Representatives (October 1993).

Senate Committee on Labor and Human Resources, Hearings on Mental Health and Health Reform (November 8, 1993).

Senate Committee on Labor and Human Resources, Hearings on Parity for Substance Abuse Coverage, (July 28, 1998).

Massachusetts State Joint Committee on Mental Health and Substance Abuse Hearings on Mental Health and Substance Abuse Care Delivery and Carve-outs (January 17, 2006)

U.S. Senate Committee on Finance: “Drug Pricing Under Medicare Part D” (January 11, 2007)

U.S. Senate Committee on Finance: “Health Reform and Health Insurance Coverage” (March 14, 2007)

U.S. Senate Committee on Finance; “Confirmation Hearing for Karen Dynan and Richard G. Frank; (January 30, 2014)

U.S. House of representatives, Energy and Commerce Sub-Committee on Oversight; Mental Health: HHS Leadership Needed to Coordinate Federal Efforts Related to Severe Mental Illness (February 11, 2015)

U.S. House of Representatives Energy and Commerce Sub-Committee on Oversight; Opioids Legislative Hearing (October 8, 2015)

Updated February 22, 2017

U.S. Senate Committee on Small Business and Entrepreneurship, The Small Business Struggle under Obamacare (May 18, 2016)

Numerous Congressional Briefings Between 2009-2016 while serving as Deputy Assistant Secretary/ Assistant Secretary; U.S. Department of Health and Human Services (2009-2016)

#### **MEMBERSHIP IN PROFESSIONAL SOCIETIES**

American Economic Association

Academy Health

American Public Health Association

International Health Economics Association

American Society of Health Economists

(Board Member 2008-2009)